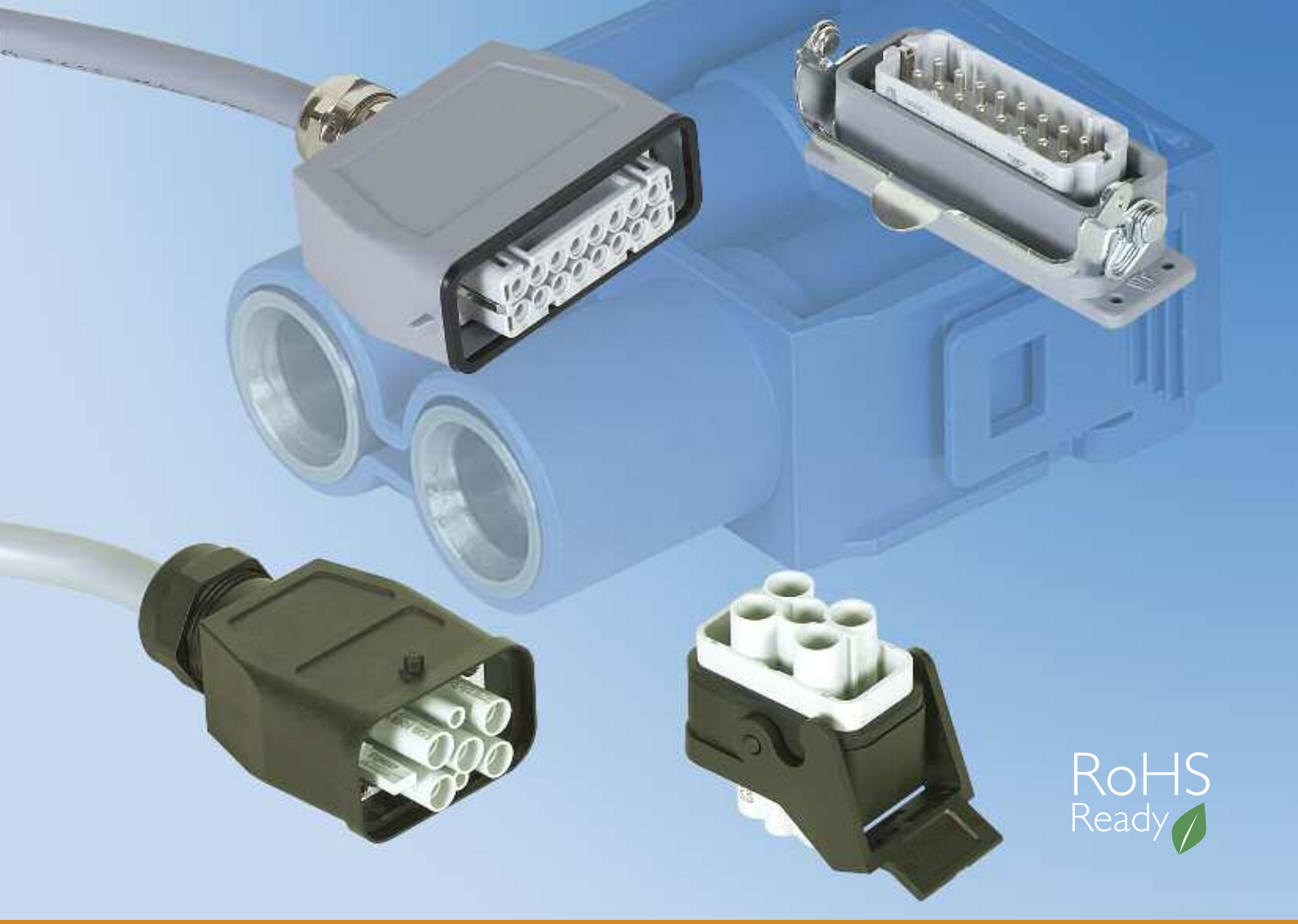


Industrie-Steckverbinder
Heavy Duty Connectors

TE connectivity

TE CONNECTIVITY TECHNOLOGY PORTFOLIO

- Connector Systems / Electromechanical Components
- Relays
- Wireless Products
- Sensors
- Fiber Optic Products
- Wire & Cable
- Application Tooling
- Antennas, GPS Antennas, Integrated Antenna Systems
- Circuit Protection Devices
- Tubing & Harnessing Products
- Touch Screen Displays
- Power Systems
- Electronic Modules
- Resistors & Inductors
- Battery Connectors & Assemblies
- Heat Sinks & Thermal Solutions
- Switches and Knobs
- Identification Labeling Products
- Racks & Panels
- Smart Cards / Leadframes

TE Connectivity Online

The TE Connectivity website is an innovative and interactive source for application information, product updates and technical solutions.
Our step-by-step software makes our website intuitive and user-friendly to better serve you!
Please contact us at:
te.com

Product Information Centers

You've got questions? TE's Product Information Centers (PIC) will help you get answers.
Contact a technical product information specialist.
- Email us
- Call us
- Chat with us

Please go to te.com/help for more information.

Internet

te.com/products/HTS

Restriction on the Use of Hazardous Substances (RoHS)

At TE Connectivity (TE), we're ready to support your RoHS requirements. We've assessed more than 1.5 million end items/components for RoHS compliance, and issued new part numbers where any change was required to eliminate the restricted materials. Part numbers in this catalog are identified as:

RoHS Compliant

Part numbers in this catalog are RoHS Compliant, unless marked otherwise.

These products comply with European Union Directive 2002/95/EC as amended 1 January 2006 that restricts the use of lead, mercury, cadmium, hexavalent chromium, PBB, and PBDE in certain electrical and electronic products sold into the EU as of 1 July 2006.

Note: For purposes of this Catalog, included within the definition of RoHS Compliant are products that are clearly "Out of Scope" of the RoHS Directive such as hand tools and other non-electrical accessories.

Non-RoHS Compliant

These part numbers are identified with a "♦" symbol. These products do not comply with the material restrictions of the European Union Directive 2002/95/EC.

5 of 6 Compliant

A "●" symbol identifies these part numbers. These products do not fully comply with the European Union Directive 2002/95/EC because they contain lead in solderable interfaces (they do not contain any of the other five restricted substances above allowable limits). However, these products may be suitable for use in RoHS applications where there is an application-based exception for lead in solders, such as the server, storage, or networking infrastructure exemption.

Note: Information regarding RoHS compliance is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information provided by our suppliers. This information is subject to change. For latest compliance status, refer to our website referenced below.

Getting the Information You Need

Our comprehensive on-line RoHS Customer Support Center provides a forum to answer your questions and support your RoHS needs. A RoHS FAQ (Frequently Asked Questions) is available with links to more detailed information. You can also submit RoHS questions and receive a response within 24 hours during a normal work week. The Support Center also provides:

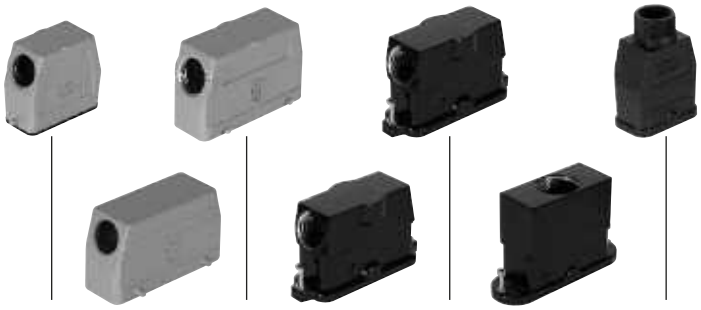
- Cross-Reference from Non-compliant to Compliant Products
- Ability to browse RoHS Compliant Products in our on-line catalog: te.com/customersupport/productcompliance
- More detailed information regarding the definitions used above

RoHS Customer Support Center

So whatever your questions when it comes to RoHS, we've got the answers at www.te.com/leadfree

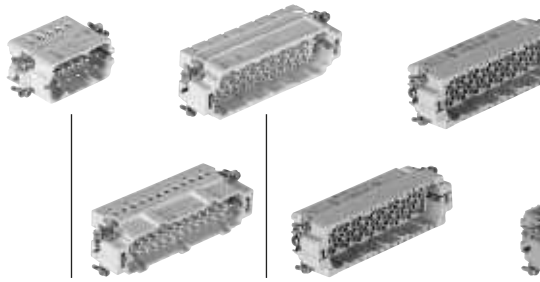
Inhalt/*Contents*

Gehäuse/*Housings*

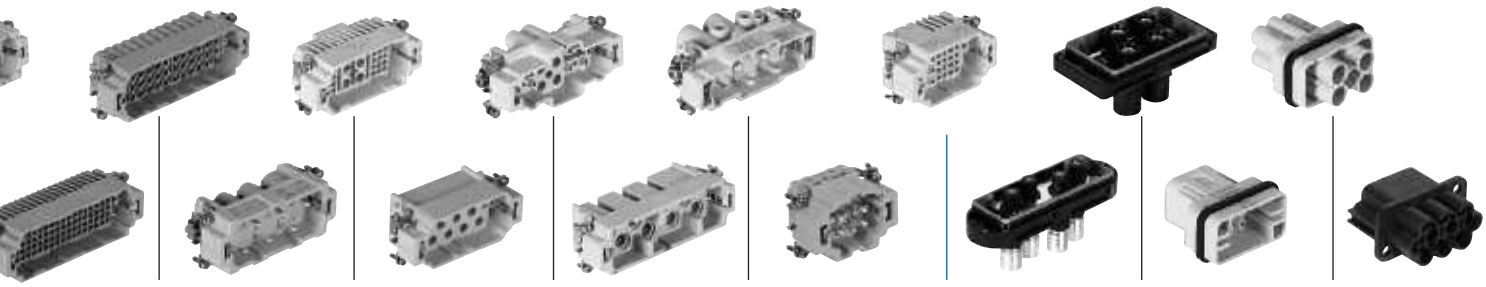


Serie *Series*	HA	HB	HD	HIP-K	EMV-K	HF	HG Q
Merkmale *Features*	Schmale Standard Serie *thin standard Series*	Breite Standard Serie *wide standard series*	Hohe Standard Serie *High standard Series*	Druckdicht Korrosions-geschützt *pressure tight Corrosion protected*	Störspann-ungssicher Druckdicht Korrosions-geschützt *EMC Dense and pressure tight Corrosion protected*	Störspann-ungssicher Druckdicht *EMC Dense and pressure tight Corrosion protected*	Kunststoff *plastic*
IP	44 - 65	65	65	68	68	68	65
Verriege-lung *Locking system*	VS LB	VS LB ZB	VS LB ZB	SV	SV	SV	LB
				VS = 2 Verschlussbüge */2 lever locking* LB = 1 Längsbügel/*1 locking lever* ZB = 1 Zentralbügel/*1 central locking* SV = 2 Schrauben/*2 Screws*			
Baugröße *Size*	Seite *Page*	Seite *Page*	Seite *Page*	Seite *Page*	Seite *Page*	Seite *Page*	Seite *Page*
1	*49–50*			*53–54*	*53–54*		*51-52*
Q							*56-58*
2	*63–65*		*63–65*				
3		*73–78*	*73–78*	*79–80*	*79–80*		
4		*87–97*	*87–97*	*98–99*	*98–99*		
5	*103–105*		*103–105*				
6		*114–124*	*115–124*	*125–126*	*125–126*		
7	*130–131*						
8		*139–149*	*139-149*	*150–151*	*150–151*	*176*	
9	*153–154*						
10		*160–165*					
11	*167*						
12		*172–174*				*176*	

Kontakteinsätze/*Contact Inserts*

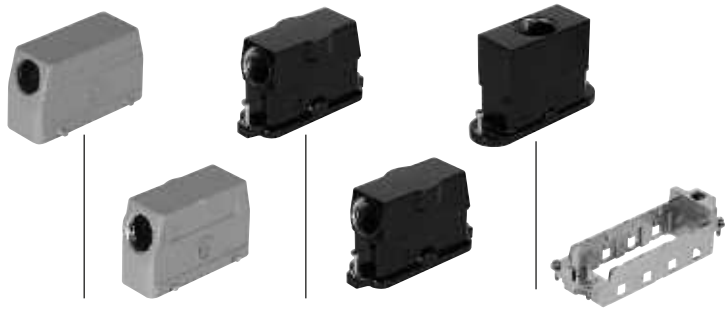


Serie *Series*	HA	HE	HEE	HD	HN.D
Elektr. Kennwerte nach VDE Last/Signal *Rating according VDE Power/ signal*	250V 10A (size 1) 16A	400V 16A	500V 16A	250V 10A	250V 10A
Verschmut zungsgrad *Degree of pollution*	3	3	3	3	3
Anschluss-art *Type of terminals*	Crimp/ Screw/ Spring	Crimp / Screw / Spring	Crimp	Crimp (stamped)	Crimp
Weitere Normen *Additional standards*	DIN VDE 0627 EN 61984	DIN VDE 0627 EN61984	DIN VDE 0627 EN61984	DIN VDE 0627 EN 61984 DIN EN 175.301-801	DIN VDE 0627 EN 61984 DIN EN 175.301-801
Baugröße *Size*	**Pole *Pos.*** *Seite Page*	**Pole *Pos.*** *Seite Page*	**Pole *Pos.*** *Seite Page*	**Pole *Pos.*** *Seite Page*	**Pole *Pos.*** *Seite Page*
1	**3 4** *45*	**5** *46*		**7 8** *48*	**7 8** *47*
Q					
2	**10** *60*			**15** *62*	**15** *61*
3		**6** *66*	**10** *67*	**16** *69*	
4		**10** *81*	**18** *82*	**24** *84*	
5	**16** *100*			**25** *102*	**25** *101*
6		**16** *106*	**32** *107*	**40** *110*	**40** *109*
7	**32** *127*			**50** *129*	**50** *128*
8		**24** *132*	**46** *133*	**64** *136*	**64** *135*
9	**48** *152*				
10		**32** *155*		**80** *158*	**80** *157*
11	**64** *166*				
12		**48** *168*	**92** *170*	**128** *170*	**128** *169*

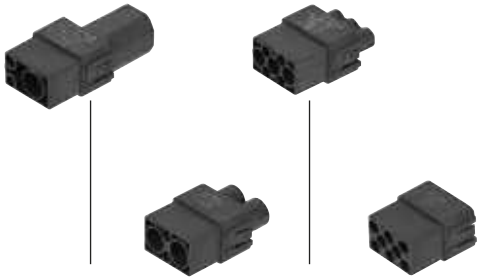


HN.2D	HVT	HSB	HSK 6/36	HMX 12/2	HMX 6/12	HSS	HMX (4/0, 4/2)	HSK 4/2	HMX 8/24	HF 8	HF 13	HG-Q8	HG-Q4+2	HG-Q10
250V 10A	400V 16A	400V 35A	690V/ 250V 40A/10A	500V/ 250V 40A/10A	690V/ 400V 40A/10A	600V/ 400V 63A/16A	690V 400V 80A/16A	500V/ 400V 40A/16A	400V/ 250V 16A/10A	1000V 250A	3000V 350A	500V 16A	690V 40A	400V 20A
3	3	3	3	3	3	3	3	3	3	3	3			
Crimp	Crimp	Screw	Crimp	Crimp	Crimp	Crimp	Screw	Screw	Crimp	Crimp	Crimp	Crimp	Crimp	Crimp
DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	ISO 23570-3	ISO 23570-3	DIN VDE 0627 EN 61984
Pole *Seite* **Pos.** *Page*	**Pole** *Seite* **Pos.** *Page*	**Pole** *Seite* **Pos.** *Page*	**Pole** *Seite* **Pos.** *Page*	**Pole** *Seite* **Pos.** *Page*	**Pole** *Seite* **Pos.** *Page*	**Pole** *Seite* **Pos.** *Page*	**Pole** *Seite* **Pos.** *Page*	**Pole** *Seite* **Pos.** *Page*	**Pole** *Seite* **Pos.** *Page*	**Pole** *Seite* **Pos.** *Page*	**Pole** *Seite* **Pos.** *Page*	**Pole** *Seite* **Pos.** *Page*	**Pole** *Seite* **Pos.** *Page*	**Pole** *Seite* **Pos.** *Page*
												8 *55*	**4/2** *55*	**10** *55*
24 *70*	**8** *68*							**4/2** *71*	**8/24** *85*					
42 *85*	**14** *83*													
72 *109*	**23** *108*	**6** *113*	**6/36** *111*	**12/2** *112*	**6/12** *112*		**4/0 4/2** *113*							
108 *135*	**35 48** *134*					**8/2** *137*	**4/8** *137*			**4** *175*	**4** *175*			
144 *157*		**12** *156*												
216 *169*														

Gehäuse/*Housings*



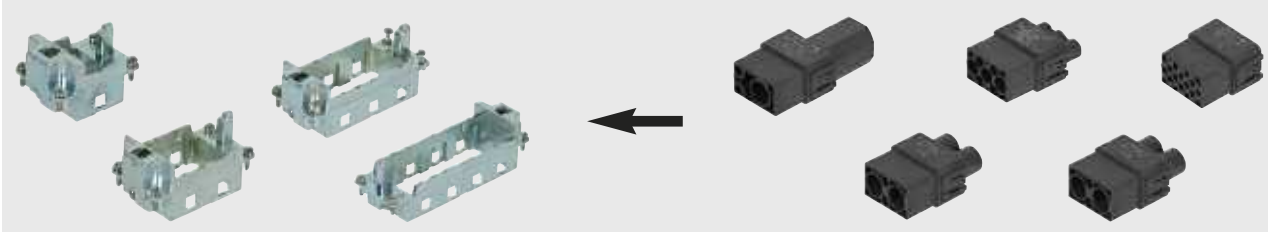
Kontakteinsätze/*Contact Inserts*

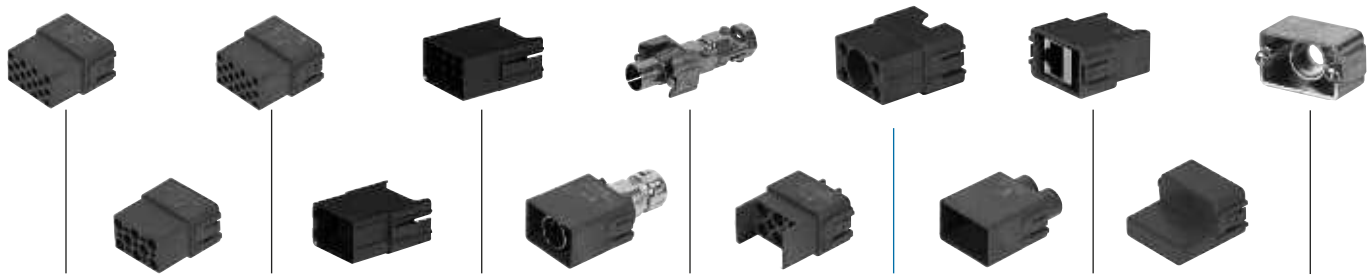


Serie *Series*	**HB**	**HD**	**HIP-K**	**EMV-K**	**HF**	**Rahmen *Frame***
Merkmale *Features*	Breite Standard Serie *wide standard series*	Hohe Standard Serie *High standard Series*	Druckdicht Korrosions-geschützt *pressure tight Corrosion protected*	Störspann-ungssicher Druckdicht Korrosions-geschützt *EMC Dense and pressure tight Corrosion protected*	Störspann-ungssicher Druckdicht *EMC Dense and pressure tight Corrosion protected*	
IP	65	65	68	68	68	
Verriegelung *Locking system*	VS LB ZB	VS LB ZB	SV	SV	SV	
Baugröße *Size*	Seite *Page*	Seite *Page*	Seite *Page*	Seite *Page*	Seite *Page*	Seite *Page*
3	*73–78*	*73–78*	*78–80*	*78–80*		*72 + 201*
4	*87–90*	*87–97*	*98–99*	*98–99*		*86 + 201*
6	*114–124*	*115–124*	*125–126*	*125–126*		*114 + 202*
8	*139–149*	*139–149*	*150–151*	*150–151*	*176*	*138 + 202*
10	*160–165*					*159 + 203*
12	*172–174*				*176*	*171 + 203*

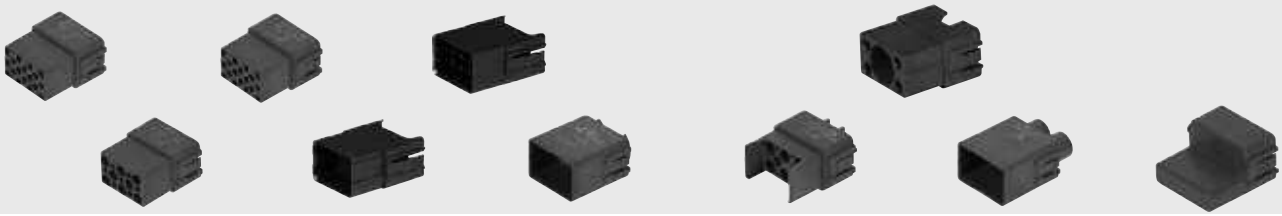
VS = 2 Verschlussbüge /*2 lever locking*
LB = 1 Längsbügel/*1 locking lever*
ZB = 1 Zentralbügel/*1 central locking*
SV = 2 Schrauben/*2 Screws*

Serie *Series*	**MDL. 1+2**	**MDL. 2+2**	**MDL. 3+4**	**MDL. 8**
Elektr. Kennwerte nach VDE Last/Signal *Rating according VDE Power/ signal*	1000V/250V 150A/10A	1000V/250V 63A/10A	1000V/250V 40A/10A	400V 16A
Polzahl *Poles*	1+ 2	2+ 2	3+ 4	8
Verschmut-zungsgrad *Degree of pollution*	3	3	3	3
Anschluss-art *Type of ter-minals*	Crimp	Crimp	Crimp	Crimp
Weitere Normen *Additional standards*	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984 DIN EN 175.301-801	DIN VDE 0627 EN 61984
Seite *Page*	*194*	*194*	*195*	*195*

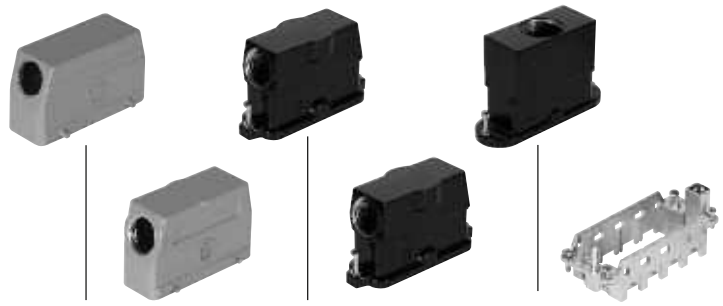




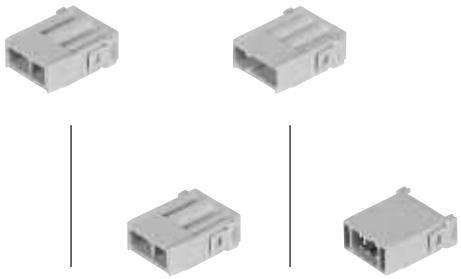
MDL. HD.18	MDL. HN.D.15	MDL. HN.D.18	Dynamic D-2800	Dynamic D-3800	MDL. TX.4	MDL. E.TWIN	MDL. KX	VT coax	MDL.2. AIR.Sti	MDL. RJ45	MDL.2 Blindmodul	MDL.E.C Erdmodul
250V 10A Fiber optic	400V 10A	400V 10A	250V 5A	600V 8A	150V 16A Twisted pair	150V 16A	RG 58 RG 59	75 Ohm Inner/Outer diam. 0,8/6,1 1,44/10 2,8/10,7	10 bar	Cat5e		
18	15	18	30	12	4	4	6	1	2	1 Plug/Jack		
3	3	3	3	3	3	3	3	3	3			
Crimp (stamped) Melting (fiber)	Crimp	Crimp	Crimp	Crimp	Crimp	Crimp	Crimp	solder	push	IDC Patch cable		Crimp
DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984		DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984						
196	*196*	*196*	*197*	*197*	*198*	*198*	*198*	*199*	*200*	*199*	*200*	*200*



Gehäuse/*Hoods*

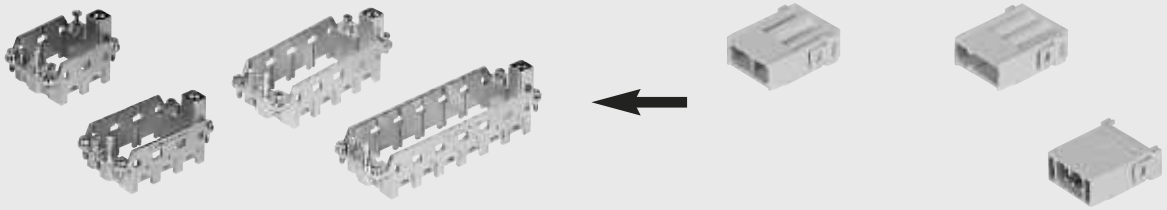


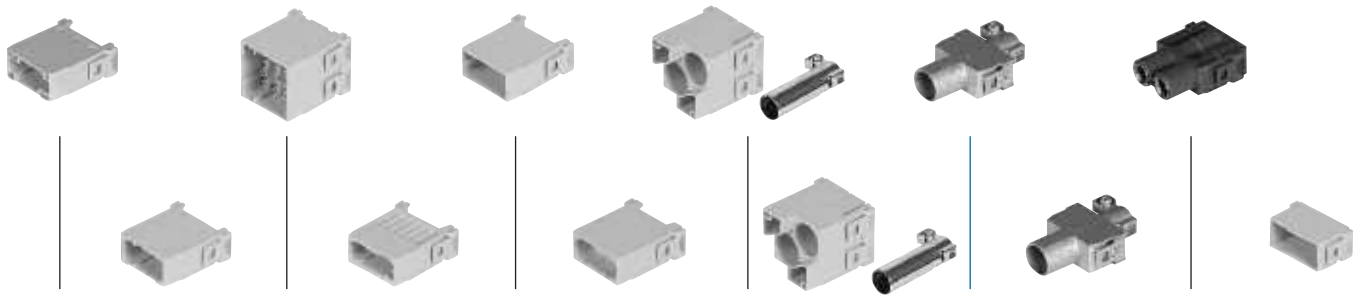
Kontakteinsätze/*Contact Inserts*



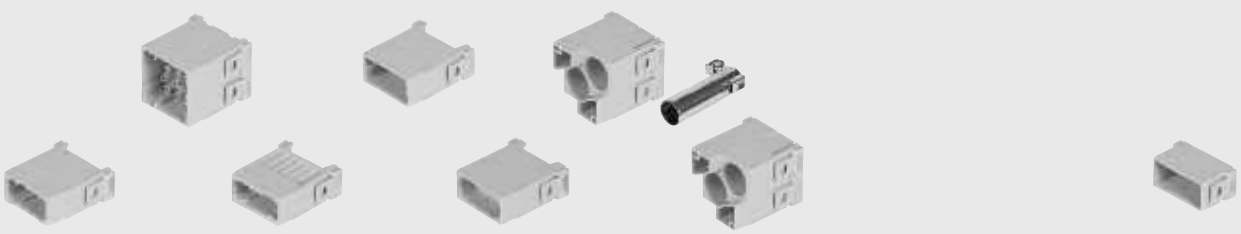
Serie *Series*	HB	HD	HIP-K	EMV-K	HF	Rahmen *Frame*
Merkmale *Features*	Breite Standard Serie *wide standard series*	Hohe Standard Serie *High standard Series*	Druckdicht Korrosions-geschützt *pressure tight Corrosion protected*	Störspann-ungssicher Druckdicht Korrosions-geschützt *EMC Dense and pressure tight Corrosion protected*	Störspann-ungssicher Druckdicht *EMC Dense and pressure tight Corrosion protected*	
IP	65	65	68	68	68	
Verriegelung *Locking system*	VS LB ZB	VS LB ZB	SV	SV	SV	
	VS = 2 Verschlussbüge */2 lever locking* LB = 1 Längsbügel/*1 locking lever* ZB = 1 Zentralbügel/*1 central locking* SV = 2 Schrauben/*2 Screws*					
Baugröße *Size*	Seite *Page*	Seite *Page*	Seite *Page*	Seite *Page*	Seite *Page*	Seite *Page*
3	*73–78*	*73–78*	*78–80*	*78–80*		*72 + 211*
4	*87–90*	*87–97*	*98–99*	*98–99*		*86 + 211*
6	*114–124*	*115–124*	*125–126*	*125–126*		*114 + 212*
8	*139–149*	*139–149*	*150–151*	*150–151*	*176*	*138 + 212*
10	*160–165*					
12	*172–174*				*176*	

Serie *Series*	HSS.2	HSK.2	HSK.3	HE 5 SC
Elektr. Kennwerte nach VDE Last/Signal *Rating according VDE Power/ signal*	500V/63A	1000V/40A	690V/40A	400V/16A
Polzahl *Poles*	2	2	3	5
Verschmut-zungsgrad *Degree of pollution*	3	3	3	3
Anschluss-art *Type of ter-minals*	Crimp	Crimp	Crimp	Spring Clamp
Weitere Normen *Additional standards*	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984
Seite *Page*	*204*	*204*	*205*	*205*



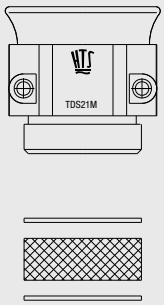


HE 6	HE 8	HE 20	HN.D 12	HN.D 17	S20.DF25	TX HN.D	TX S20DF	TX.MVB HN.D	TX.MVB S20DF	Pneumatik	Blindmodul
500V/16A	400V/16A	500V/16A	250V/10A	250V/10A	50V/5A	50V/10A	50V/5A	50V/10A	50V/5A	10 Bar	
6	20	18	12	17	25	2x4	2x8	4	8	2	
3	3	3	3	3	3	3	3	3	3		
Crimp	Crimp	Crimp	Crimp	Crimp	Crimp	Crimp	Crimp	Crimp	Crimp		
DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984		
206	*206*	*207*	*207*	*208*	*209*	*209*	*209*	*210*	*210*	*210*	*211*



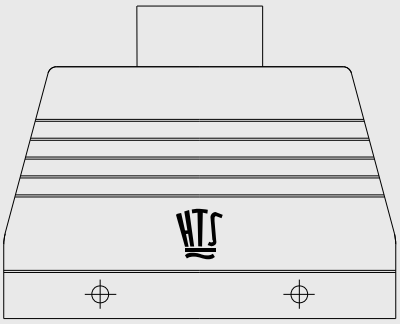
Steckverbinder Bauteilkomponenten/*Connector components*

Kabel-Verschraubung
Spezial-Kabelverschraubungen für Schutzarten bis IP 68 und für EMV-Anwendung lieferbar



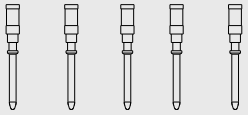
Cable fitting
Special cable fittings for protection up to IP 68 and for electro-magnetic compatibility available

Gehäuse-Oberteil
Standard- und korrosionsgeschützte Stecker Gehäuse
- in niedriger oder hoher Bauform
- 4 unterschiedliche Verriegelungssysteme
- unterschiedliche Kabeleingänge:
  Panzergewinde (PG)
  metrische Gewinde (M)
  NPT-Gewinde (NPT)



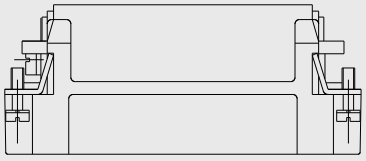
Hood
Standard and corrosion-resistant connector hoods:
- *low and high construction*
- *4 different locking systems*
- *different cable entries:*
  PG Thread
  M Thread
  NPT Thread

Kontakte
Silber- oder Goldoberfläche
Gedrehte Massivkontakte mit Schraub, Feder oder Crimp-Anschluss



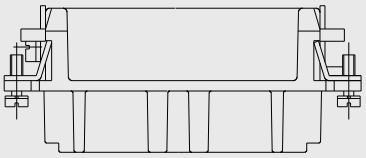
Contacts
Silver or gold plated
Solid machined contacts with screw, spring or crimp termination

Stift-Einsatz
Schraub-, Spring Clamp-, oder Crimp-Anschluss

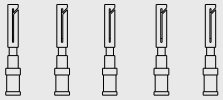


Male insert
Screw, Spring clamp or crimp terminal

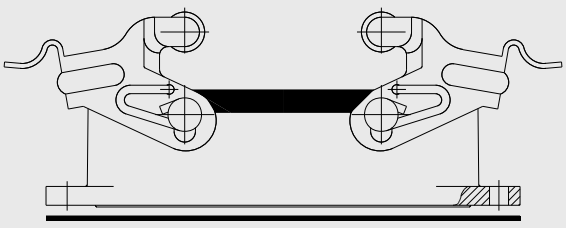
Buchsen-Einsatz
Schraub-, Spring Clamp-, oder Crimp-Anschluss



Female insert
Screw, Spring clamp or crimp terminal



Gehäuse-Unterteil
Standard- und korrosionsgeschützte Anbau-, Sockel-, und Kupplungs-Gehäuse
- Niedrige oder hohe Bauform der Sockel- und Kupplungs-Gehäuse, ohne/mit komplett montiertem Aludeckel
- 4 unterschiedliche Verriegelungssysteme



Hood and housing
Standard and corrosion-resistant bottom-entry, surface-mounted and cable-to-cable hoods:
- *low and high construction (bottom-entry and cable-to-cable hood) with/without aluminium cover*
- *4 different locking systems*

Einsätze / Inserts

Approvals/Zulassungen Series ○ = in Vorbereitung/*in process*	VDE	SEV	UL File E28476	CSA File 81776	Germanischer Lloyd	Application Specification	Product Specification
HA 3/4	•	•	•	•		114-74010 114-74056	108-74008 108-74055
HA 10/16	•	•	•	•		114-74009 114-74003	108-74007 108-18215
HB 6-24			•			114-74008	108-74004 108-74005 108-18215
HE Q5	○		○	○		114-74003	108-74064
HE 6-24	•	•	•	•	•	114-74008 114-74003	108-74004 108-74005 108-18215
HEE 10-46			○	○			
HD/HN.D 7	•	•	•	•		114-74000 114-74015	 108-74002
HN.D 8	•	•				114-74000 114-74015	 108-74018
HD/HN.D 15/25	•	•	•	•		114-74000 114-74015	108-74002 108-74018
HD 16/24	•	•	•	•		114-74000	108-74002
HD/HN.D 40-64	•	•	•	•		114-74000 114-74015	108-74002 108-74018
HVT 8-23+48	•	•				114-74026 114-74013	 108-74035
HVT 35	•	•	○	○		114-74026 114-74013	 108-74035
HN.2D 24-108	•	•	•	•			108-74012
HSB 6	•	•	•	•		114-74007	108-74006
HSS 8	•	•				114-74028	108-74016
MDL 1+2			•	•		114-74031	108-74024
MDL 3+4			•	•		114-74036	108-74017
MDL 2+2			•	•			108-74031
MDL HN.D 15 & MDL HN.D 18			•	•		114-74000 114-74015	 108-74032
MDL HD 15 & MDL HD 18			•	•			108-74033
MDL Air Pneumatic			•	•		114-74014	108-74013
MDL Twinax			•	•		114-74020 114-74044	
MDL Koax			•	•		114-74033 114-74034	
MDL HVT 8			•	•		114-74013	108-74034
HVS	○		○	○		○	○
HSK 6/36	○		○	○		114-74062	
HMX 4/2; HMX 4/0	○		○	○		114-74058	108-74058
HMX 8/24	○		○	○		114-74061	108-74060
HMX 6/12	○		○	○		114-74051	108-74051
HMX 4/8	○		○	○		114-74067	108-74065
HMX 12/2	○		○	○		114-74068	108-74066
HSK 4/2	○		○	○		114-74063	108-74061
HF13			○	○		114-74032	108-74044
HF8			○	○		114-74043	108-74044
HMX 8/24			○	○		114-74061	
HG-Q8	○		○	○		114-74050	108-74050
HG-Q4+2	○		○	○		114-74055 114-74062	108-74053
HG-Q10	○		○	○		114-74065	

Gehäuse / Housings

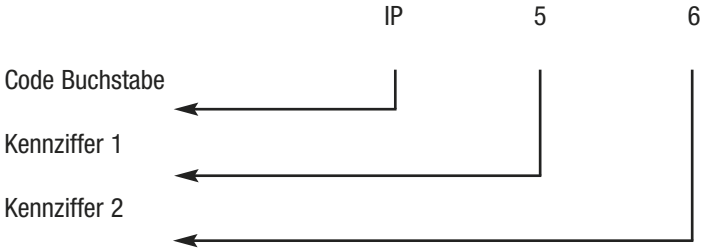
HA 3/4						114-74002 114-74010	 108-74000
HA						114-74001 114-74004	108-74009 108-74026
Quick in Adapter						114-74024	
HB						 114-74001 114-74004	108-74001 108-74003 108-74014 108-74027
HM.10							108-74041
HD						 114-74001 114-74004	108-74001 108-74003 108-74027
HIP-K							108-74030
EMV-K							108-74036
HF						114-74035 114-74036	
HG Q						114-74064 114-74065	 108-74052

Schutzarten von elektrischen Betriebsmitteln

Elektrische Betriebsmittel müssen aus Sicherheitsgründen gegen Einflüsse von außen geschützt werden. Diese Aufgabe übernehmen Gehäuse, die das elektrische Betriebsmittel gegen Berührung, das Eindringen von festen Fremdkörpern, Staub, Feuchtigkeit oder Wasser schützen. Die Norm IEC 529 mit dem Titel „Schutzarten durch Gehäuse (IP-Code)“ bildet die Grundlage für die Bestimmung und Kennzeichnung der Schutzart eines Gehäuses

Der Umfang der Schutzes (Schutzart) durch ein Gehäuse wird mittels genormter Prüfverfahren nachgewiesen. Zur Einteilung verschiedener Gehäuse bezüglich ihrer Schutzart wird ein Bezeichnungssystem verwendet. Das Bezeichnungssystem besteht aus den Code-Buchstaben IP und zwei nachfolgenden Kennziffern.

Zusammensetzung des IP – Code (International bzw. Ingress Protection)



Die erste Kennziffer gibt den Berührungs- und Fremdkörperschutz, die zweite den Schutz des Gehäuses gegen das Eindringen von Wasser an. Die folgende Tabelle enthalten Kurzbeschreibung sowie Definitionen der einzelnen Kennziffern des IP-Codes.

Bedeutung der ersten Kennziffer

Die erste Kennziffer gibt an, inwieweit das Gehäuse Personenschutz gewährleistet. Dieser Schutz wird erreicht, indem das Eindringen eines Körperteils (oder eines Gegenstandes der von einer Person gehalten wird) in das Gehäuse verhindert wird.
Gleichzeitig gewährt das Gehäuse dem Betriebsmittel Schutz gegen das Eindringen von festen Fremdkörpern.
Dies ist der Grund dafür, dass es zu jeder ersten Kennziffer 2 Beschreibungen und 2 Definitionen gibt.

Erste Kennziffer	Schutzgrad gegen Zugang von gefährlichen Teilen und gegen feste Fremdkörper	
	Kurzbeschreibung	Definition
0	Nicht geschützt	
1	-Geschützt gegen feste Fremdkörper mit Ø 50mm -Geschützt gegen den Zugang zu gefährlichen Teilen mit dem Handrücken.	Kugel mit Ø 50mm darf nicht voll eindringen
2	-Geschützt gegen feste Fremdkörper 12,5 mm Durchmesser -Geschützt gegen den Zugang zu gefährlichen Teilen mit einem Finger	Prüffinger mit Ø 12mm muss ausreichend Abstand von gefährlichen Teilen haben.
3	-Geschützt gegen feste Fremdkörper Ø 2,5mm -Geschützt gegen den Zugang zu gefährlichen Teilen mit einem Werkzeug	Prüfsonde mit Ø 2,5mm Durchmesser darf nicht eindringen.
4	-Geschützt gegen feste Fremdkörper Ø 1,0mm Durchmesser. -Geschützt gegen den Zugang zu gefährlichen Teilen mit einem Draht	Prüfsonde mit Ø 1mm Durchmesser darf nicht eindringen.
5	Staubgeschützt	Eindringen von Staub wird nur soweit verhindert, dass dieser das zufriedenstellende Arbeiten des Gerätes oder die Sicherheit nicht beeinträchtigt.
6	Staubdicht	Kein Eindringen von Staub.

Bedeutung der zweiten Kennziffer

Die zweite Kennziffer gibt an, inwieweit das Gehäuse schädliche Einflüsse auf das Betriebsmittel infolge des Eindringens von Wasser verhindert.

Zweite Kennziffer	Schutz gegen Wasser	
	Kurzbeschreibung	Definition
0	Nicht geschützt	
1	Geschützt gegen Tropfwasser	Senkrecht fallende Tropfen dürfen keine schädliche Wirkung haben
2	Geschützt gegen Tropfwasser, wenn das Gehäuse bis zu 15° geneigt ist.	Senkrecht fallende Tropfen dürfen keine schädliche Wirkung haben, wenn das Gehäuse um einen Winkel bis zu 15° beiderseits der Senkrechten geneigt ist.
3	Geschützt gegen Sprühwasser.	Wasser, das in einem Winkel bis zu 60° beiderseits der Senkrechten gesprüht wird, darf keine schädliche Wirkung haben.
4	Geschützt gegen Spritzwasser.	Wasser, das aus jeder Richtung gegen das Gehäuse spritzt, darf keine schädliche Wirkung haben.
4K	Geschützt gegen Spritzwasser mit erhöhtem Druck.	Wasser, das aus jeder Richtung mit erhöhtem Druck gegen das Gehäuse spritzt, darf keine schädliche Wirkung haben. (gilt nach DIN 40 050 Teil 9 nur für Straßenfahrzeuge)
5	Geschützt gegen Strahlwasser.	Wasser, das aus jeder Richtung als Strahl gegen das Gehäuse spritzt, darf keine schädliche Wirkung haben.
6	Geschützt gegen starkes Strahlwasser.	Wasser, das aus jeder Richtung als starker Strahl gegen das Gehäuse spritzt, darf keine schädliche Wirkung haben.
6K	Geschützt gegen starkes Strahlwasser mit erhöhtem Druck.	Wasser, das aus jeder Richtung als Strahl mit erhöhtem Druck gegen das Gehäuse gerichtet ist, darf keine schädliche Wirkung haben. (gilt nach DIN 40050 Teil 9 nur für Straßenfahrzeuge)
7	Geschützt gegen die Wirkung beim zeitweiligen Untertauchen in Wasser.	Wasser darf nicht in einer Menge eintreten, die schädliche Wirkung verursacht, wenn das Gehäuse unter genormten Druck- und Zeitbedingungen zeitweilig in Wasser untergetaucht ist
8	Geschützt gegen die Wirkung beim dauernden Untertauchen in Wasser.	Wasser darf nicht in einer Menge eintreten, die schädliche Wirkung verursacht, wenn das Gehäuse dauernd unter Wasser getaucht ist unter Bedingungen, die zwischen Hersteller und Anwender vereinbart werden müssen. Die Bedingungen müssen jedoch schwieriger sein als für die Kennziffer 7.
9K	Geschützt gegen Wasser bei Hochdruck-/Dampfstrahlreinigung.	Wasser, das aus jeder Richtung unter stark erhöhtem Druck gegen das Gehäuse gerichtet ist, darf keine schädliche Wirkung haben. (gilt nach DIN 40 050 Teil 9 nur für Straßenfahrzeuge)

Isolationskoordination für elektrische Betriebsmittel in Niederspannungsanlagen
Bemessung der Luft- und Kriechstrecken nach DIN EN60664-1. (Die folgenden Seiten stellen lediglich einen Auszug der Norm dar und zeigen nicht den vollständigen Inhalt)

Isolationskoordination

Isolationskoordination umfasst die Auslegung der elektrischen Isolation eines Betriebsmittels hinsichtlich dessen Anwendung und Umgebung.
Dies geschieht einerseits durch Auslegung der Luftstrecken (Basis ist dabei die zu erwartende Überspannung), andererseits durch Auslegung der Kriechstrecken (Basis sind dafür die Betriebsspannungen sowie die Isolierstoffeigenschaften). Weiter werden isolationseigenschaft-verändernde Bedingungen berücksichtigt (Verschmutzung, Schutzmaßnahmen gegen Verschmutzung, Luftdruck, thermische oder chemische Beeinflussung).

Luftstrecken werden nach der äußeren oder inneren zu erwartenden Überspannungen bemessen. Die 4 Überspannungsklassen (Überspannungskategorien I bis IV) berücksichtigen die unterschiedliche Verwendung eines Betriebsmittels. Die für die jeweilige Nennspannung des Versorgungsnetzes unterschiedliche Bemessungs-Stoßspannungen ist hierbei die Grundlage.
Je nach Homogenitätsgrad des Feldes zwischen den Elektroden (Fall A – inhomogenes Feld, Fall B – homogenes Feld) können die Luftstrecken aus Tabelle 2a (Mindestluftstrecken) bestimmt werden; Industiesteckverbinder werden immer nach dem „Fall A“ ausgelegt Der Einfluss durch Verschmutzung wird bei der Festlegung von Luft- und Kriechstrecken durch vier Schärfegrade (Verschmutzungsgrad 1 bis 4) berücksichtigt.

Grundlage der **Kriechstrecken** ist die aus der Betriebsspannung abgeleitete Bemessungsspannung.
Die Mindestkriechstrecken sind in Tabelle 4 den Bemessungsspannungen je nach Verschmutzungsgrad zugeordnet.
Enthalten die Produktbeschreibungen keine zusätzlichen Angaben, sind die in diesem Katalog aufgeführten Produkte nach dieser Bestimmung (DIN EN60664-1) für Überspannungskategorie III und Verschmutzungsgrad 3 bemessen.

Überspannungskategorie I bis IV

- Betriebsmittel der **Überspannungskategorie I** sind Waren zum Anschluss an die feste elektrische Installation eines Gebäudes. Es ist entweder in der festen Installation oder zwischen der festen Installation und dem Gerät, Maßnahmen zur Begrenzung der transienten Überspannungen getroffen worden.
- Betriebsmittel der **Überspannungskategorie II** sind energieverbrauchende Betriebsmittel, die von der festen Installation gespeist werden.
  Anmerkung: z. B. Haushaltsgeräte, tragbare Werkzeuge und andere Hausgeräte sowie ähnliche Verbraucher.
- Betriebsmittel der **Überspannungskategorie III** sind Bestandteil der festen Installation. Es sind Betriebsmittel, bei denen ein höherer Grad der Verfügbarkeit erwartet wird.
  Anmerkung: Beispiele für solche Geräte sind z.B. Industriesteckverbinder, Verteilertafeln, Leistungsschalter, Verteilungen, Schalter, Steckdosen).
- Geräte der **Überspannungskategorie IV** sind für den Einsatz am Anschlusspunkt der Installation bestimmt.
  Anmerkung: Beispiele für solche Geräte sind Elektrizitätszähler, Überstromschutzschalter und Rundsteuergeräte.

Verschmutzungsgrad 1 bis 4
In DIN EN60664-1 sind die Verschmutzungsgrade wie folgt definiert:

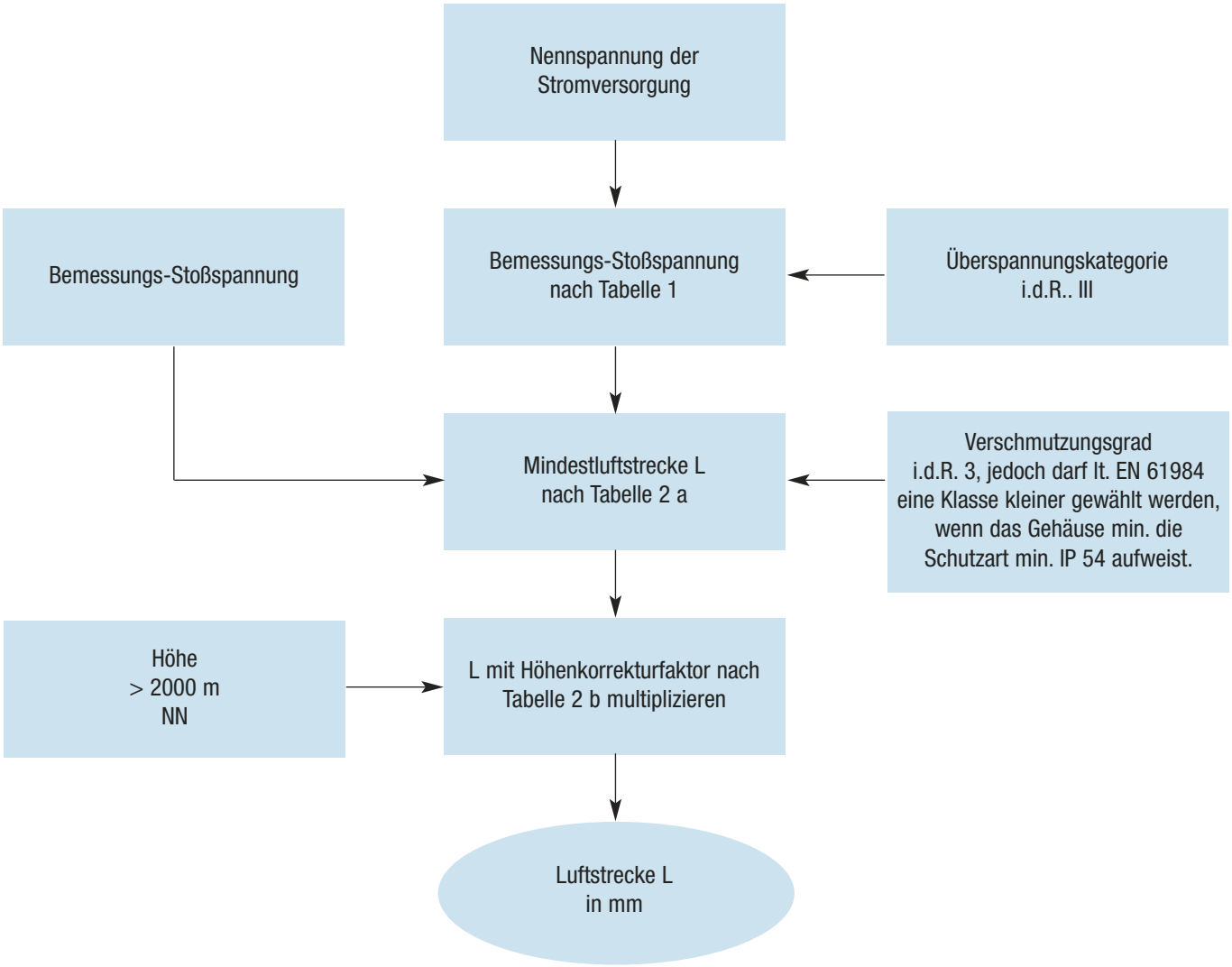
Verschmutzungsgrad 1:
Es tritt keine oder nur trockene, nicht leitfähige Verschmutzung auf. Die Verschmutzung hat keinen Einfluss.
Verschmutzungsgrad 2:
Es tritt nur nichtleitfähige Verschmutzung auf. Gelegentlich muss mit vorübergehender Leitfähigkeit durch Betauung gerechnet werden.
Verschmutzungsgrad 3:
Es tritt leitfähige Verschmutzung auf oder trockene, nichtleitfähige Verschmutzung, die leitfähig wird, da Betauung zu erwarten ist.
Verschmutzungsgrad 4:
Es tritt eine dauernde Leitfähigkeit auf, hervorgerufen durch leitfähigen Staub, Regen oder Nässe.

Isolierstoff
Die Isolierstoffe werden entsprechend ihren Vergleichszahlen der Kriechwegbildung (Comparativ Tracking Index) CTI in folgende vier Gruppen eingeteilt:

Isolierstoff I:	$600 \leq CTI$
Isolierstoff II:	$400 \leq CTI < 600$
Isolierstoff III a:	$175 \leq CTI < 400$

Bemessung der Luftstrecken

Schema zur Ermittlung der Luftstrecken



Bemessungs-Stoßspannung für Betriebsmittel (Tabelle 1)					
Nennspannung des Stromversorgungssystems *) in V		Bemessungs-Stoßspannung in kV (1,2/50ms) für			
Dreiphasige Systeme	Einphasige Systeme im Mittelpunkt	Betriebsmittel an der Einspeisung der Installation (Überspannungs-Kategorie IV)	Betriebsmittel als Teil der festen Installation (Überspannungs-Kategorie III)	Betriebsmittel zum Anschluss an die feste Installation (Überspannungs-Kategorie II)	Besonders geschützte Betriebsmittel (Überspannungs-Kategorie I)
	120 bis 240	4	2,5	1,5	0,8
230/400** 277/480**		6	4	2,5	1,5
400/690**		8	6	4	2,5
1000		12	8	6	4

*) ausgewählte Spannungswerte

**) der / Strich bezeichnet ein Dreiphasen-Leitersystem. Der tiefere Wert ist die Spannung Leiter zu Neutralleiter, wärend der höhere Wert die Spannung Leiter zu Leiter ist

Mindestluftstrecken für die Isolationskoordination (Tabelle 2 a)								
Erforderliche Steh-Stoßspannung 1) [kV]	Fall A (inhomogenes Feld) Verschmutzungsgrad				Fall B (homogenes Feld) Verschmutzungsgrad			
	1 [mm]	2 [mm]	3 [mm]	4 [mm]	1 [mm]	2 [mm]	3 [mm]	4 [mm]
0,33 _)	0,01	_)			0,01	_)		
0,40	0,02				0,02			
0,5 _)	0,04				0,04			
0,60	0,06				0,06			
0,80 _)	0,10	0,2	0,80		0,10	0,2	0,8	
1,0	0,15			1,6	0,15			1,6
1,2	0,25	0,25			0,2			
1,5 _)	0,5	0,5			0,3	0,3		
2,0	1,0	1,0	1,0		0,45	0,5		
2,5 _)	1,5	1,5	1,5		0,6	0,6		
3,0	2	2	2	2	0,8	0,8		
4,0 _)	3	3	3	3	1,2	1,2	1,2	
5,0	4	4	4	4	1,5	1,5	1,5	
6,0 _)	5,5	5,5	5,5	5,5	2	2	2	2
8,0 _)	8	8	8	8	3	3	3	3
10	11	11	11	11	3,5	3,5	3,5	3,5
12 _)	14	14	14	14	4,5	4,5	4,5	4,5
15	18	18	18	18	5,5	5,5	5,5	5,5
20	25	25	25	25	8	8	8	8
25	33	33	33	33	10	10	10	10
30	40	40	40	40	12,5	12,5	12,5	12,5
40	60	60	60	60	17	17	17	17
50	75	75	75	75	22	22	22	22
60	90	90	90	90	27	27	27	27
80	130	130	130	130	35	35	35	35
100	170	170	170	170	45	45	45	45

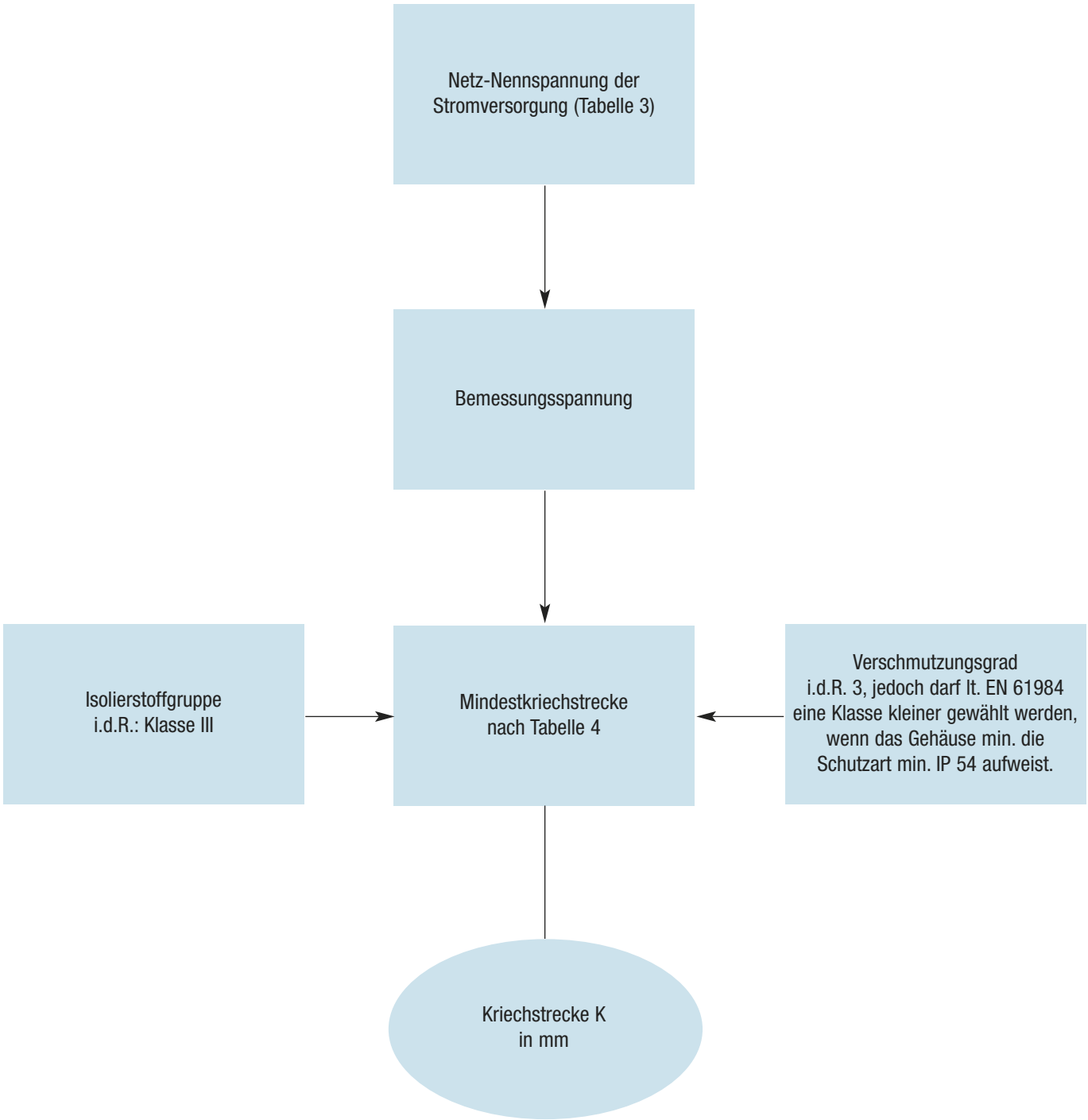
1)Die Spannung ist
- für Funktionsisolierung: die höchste an der Luftstrecke zu erwartende Stoßspannung;
- für Basisisolierung, falls direkt oder wesentlich beeinflußt durch transiente Überspannung aus dem Niederspannungsnetz: die Bemessungs-Stoßspannung des Betriebsmittels;
- für andere Basisisolierung: die höchste Stoßspannung, die im Stromkreis auftreten kann;

_) Vorzugswerte

Höhen-Korrekturfaktoren (Tabelle 2 b)		
Höhe in m	Normaler Luftdruck in kPa	Multiplikationsfaktor für Abstände
2000	80,0	1,00
3000	70,0	1,14
4000	62,0	1,29
5000	54,0	1,48
6000	47,0	1,70
7000	41,0	1,95
8000	35,5	2,25
9000	30,5	2,62
10000	26,5	3,02
15000	12,0	6,67
20000	5,5	14,50

Bemessung der Kriechstrecke

Vereinfachtes Schema zur Ermittlung der Kriechstrecke



Netz-Nennspannung der Stromversorgung* [V]	Bemessungsspannung [V]
60	63
110/120/127	125
150	160
208	200
220/230/240	250
300	320
380/400/415	400
440	500
480/500	500
575	630
600	630
660/690	630
720/830	800
960	1000
1000	1000

Tabelle 3

* die Auswahl stellt nicht den vollständigen Zusammenhang zwischen allen möglichen weltweit verwendeten Netzformen und der Bemessungsspannung dar

Mindestkriechstrecke für Betriebsmittel mit langzeitiger Spannungsbeanspruchung										
Bemessungs Spannung [V]	Verschmutzungsgrad									
	1	2 Isolierstoffgruppe			3 Isolierstoffgruppe			4 Isolierstoffgruppe		
	I)	I	II	III	I	II	III	I	II	III
10	0,08	0,40	0,40	0,40	1,00	1,00	1,00	1,6	1,6	1,6
12,5	0,09	0,42	0,42	0,42	1,05	1,05	1,05	1,6	1,6	1,6
16	0,10	0,45	0,45	0,45	1,10	1,10	1,10	1,6	1,6	1,6
20	0,110	0,48	0,48	0,48	1,20	1,20	1,20	1,6	1,6	1,6
25	0,125	0,50	0,50	0,50	1,25	1,25	1,25	1,7	1,7	1,7
32	0,140	0,53	0,53	0,53	1,30	1,30	1,30	1,8	1,8	1,8
40	0,16	0,56	0,80	1,10	1,4	1,6	1,8	1,9	2,4	3,0
50	0,18	0,60	0,85	1,20	1,5	1,7	1,9	2,0	2,5	3,2
63	0,20	0,63	0,90	1,25	1,6	1,8	2,0	2,1	2,6	3,4
80	0,22	0,67	0,95	1,3	1,7	1,9	2,1	2,2	2,8	3,6
100	0,25	0,71	1,00	1,4	1,8	2,0	2,2	2,4	3,0	3,8
125	0,28	0,75	1,05	1,5	1,9	2,1	2,4	2,5	3,2	4,0
160	0,32	0,80	1,1	1,6	2,0	2,2	2,5	3,2	4,0	5,0
200	0,42	1,00	1,4	2,0	2,5	2,8	3,2	4,0	5,0	6,3
250	0,56	1,25	1,8	2,5	3,2	3,6	4,0	5,0	6,3	8,0
320	0,75	1,60	2,2	3,2	4,0	4,5	5,0	6,3	8,0	10,0
400	1,00	2,00	2,8	4,0	5,0	5,6	6,3	8,0	10,0	12,5
500	1,30	2,50	3,6	5,0	6,3	7,1	8,0	10,0	12,5	16,0
630	1,8	3,2	4,5	6,3	8,0	9	10,0	12,5	16	20
800	2,4	4,0	5,6	8,0	10,0	11	12,5	16,0	20	25
1000	3,2	5,0	7,1	10,0	12,5	14	16,0	20,0	25	32

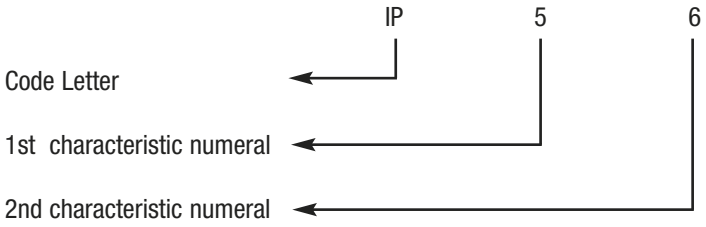
Tabelle 4

Degree of protection provided by enclosures

For safety reasons, electrical equipment needs to be protected against outside influences. The basis for the determination is the standard IEC 529 titled 'Degree of protection provided by enclosures (IP – Code)'.

Using a standardized test procedure the extent of the protection class is verified. To classify different housings according to their protection class, a designation system is used which consists of the code – letters 'IP' and two code numbers.

Arrangement of the IP – Code (International bzw. Ingress Protection)



Meaning of the 1st characteristic numeral

The first numeral describes the protection of the housing against intrusion of foreign bodies as well as the protection of people against dangerous parts or influences. Because of this, there are two descriptions and definitions for each of the first code letter.

1st numeral	Protection against solid obects and against access to hazardous parts	
	short description	definition
0	no protection	
1	-protection against solid foreign bodies of Ø 50mm -protection against access to hazardous parts with the back of a hand	A sphere of Ø 50mm, must not intrude
2	-protection against solid foreign bodies of Ø 12 mm -protection against access to hazardous parts with the finger	A sphere of Ø 12mm diameter, must not intrude
3	-protection against solid foreign bodies of 2,5 mm diameter and bigger -protection against access to hazardous parts with a tool	A sphere of Ø 2,5mm diameter, must not intrude
4	-protection against solid foreign bodies of 1,0 mm diameter and bigger -protection against access to hazardous parts with a wire	The probe, sphere of Ø 1,0mm, must not intrude
5	protected against dust	The infiltration of dust is not completely prevented, but it does not infiltrate to such an extent that the operation or the safety of the device is affected.
6	dust proof	No infiltration of dust

Meaning of the 2nd characteristic numeral

The second numeral describes the protection of the housing against the intrusion of water with harmful effects.

second code digit	Protection degrees against the intrusion of water, designated by the second code digit	
	short description	definition
0	not protected	
1	protected against dripping water	Vertically falling drops shall have not harmful effects.
2	protected against dripping water when the housing is at an angle of up to 15°	Vertically falling drops shall have not harmful effects when the enclosure is tiled upto 15°
3	protected against water spray	Water sprayed at an angle up to 60°, shall have no harmful effects
4	protected against splash water	Water splashed against the enclosure from any direction shall have no harmful effects
4K	protected against splash water with increased pressure	Water splashed against the enclosure with increased pressure from any direction shall have no harmful effects (Applies acc to DIN 40050 - 9 only for road vehicles)
5	protected against jets of water	water splashes against the enclosure from any direction as a water jet shall have no harmful effects
6	protected against strong jets of water	water splashes against the enclosure from any direction as a strong water jet shall have no harmful effects
6K	protected against strong jets of water with increased pressure	water splashes directly against the enclosure from any direction as a strong water jet with increased pressure, shall have no harmful effects (Applies acc to DIN 40050 - 9 only for road vehicles)
7	protection against the effects of temporary submersion in water	Quantity of water that ingresses an enclosure, when it is temporarily immersed under standardized conditions of pressure and time, shall have no harmful effects.
8	protection against the effects of continuous submersion in water	Quantity of water that ingresses an enclosure, when it is continuously immersed under conditions of pressure and time, shall have no harmful effects. The conditions must, however be harder than for code digit 7 and agreed between user and producer.
9K	Protected against water during high-pressure / jetstream cleaning.	Water that is directed against the housing with greatly increased pressure from any direction must not have any detrimental effect (Applies acc to DIN 40050 - 9 only for road vehicles)

Insulation Coordination for Electrical Connectors in Low Voltage Plants
Dimensioning of Clearance and Creeping Distances acc. to DIN EN60664-1; following pages show only a part of the standards

Insulation Coordination

Insulation coordination includes the design of the electrical insulation of a connector depending on its use and environment.
This occurs either by design of the clearance distances (basis is the expected power surge) or by design of the creeping distance (basis is the operating voltage as well as the quality of the insulating material). Furthermore, insulation-changing conditions are taken into account (pollution, protective measures against pollution, air pressure, thermal or chemical influences).

Air distances are measured according to the outer or inner power surge expected. The four power surge classes (power surge categories I to IV) take the different use of the connector into account.
Depending on the homogeneity of the field between the electrodes (case A – inhomogenous field, case B – homogenous field) the air distances can be determined according to table 2a (minimum air distances); industrial connectors are always determined according to case A.

The influence from pollution when determining the air- and **creeping distances** is taken into account by using four degrees of severity (pollution degree 1 to 4).

Basis of the creeping distances is the rated voltage which is deduced from the operating voltage.
The minimum creeping distances are allocated in table 4 depending on the severity of pollution.
If the product descriptions do not contain any additional information the products listed in this catalogue were rated according to norm DIN VDE 0110 for surge category III and severity of pollution 3.

Surge Category I to IV

- resources of surge category I are goods for the termination of fixed electrical installations of a building. Measures for the limitation of transient surges were taken either in the fixed installation or between the fixed installation and the equipment.
- resources of surge category II are resources which use power and are fed from a fixed installation.
  Note: e. g. domestic applicances, portable tools and other appliances as well as similar consumers.
- resources of surge category III are part of a fixed installation. They are resources from which a high degree of availability is expected.
  Note: Examples for such appliances are e.g. industrial connectors, distribution panels, power switches, distributors, switches, sockets).
- Devices of surge category IV are for use at the supply terminal of the installation.
  Note: Examples for such appliances are electricity counters, overload cut-out switches and Rundsteuergeräte.

Pollution Degree 1 to 4
DIN VDE 0110 defines the pollution degrees as follows: :

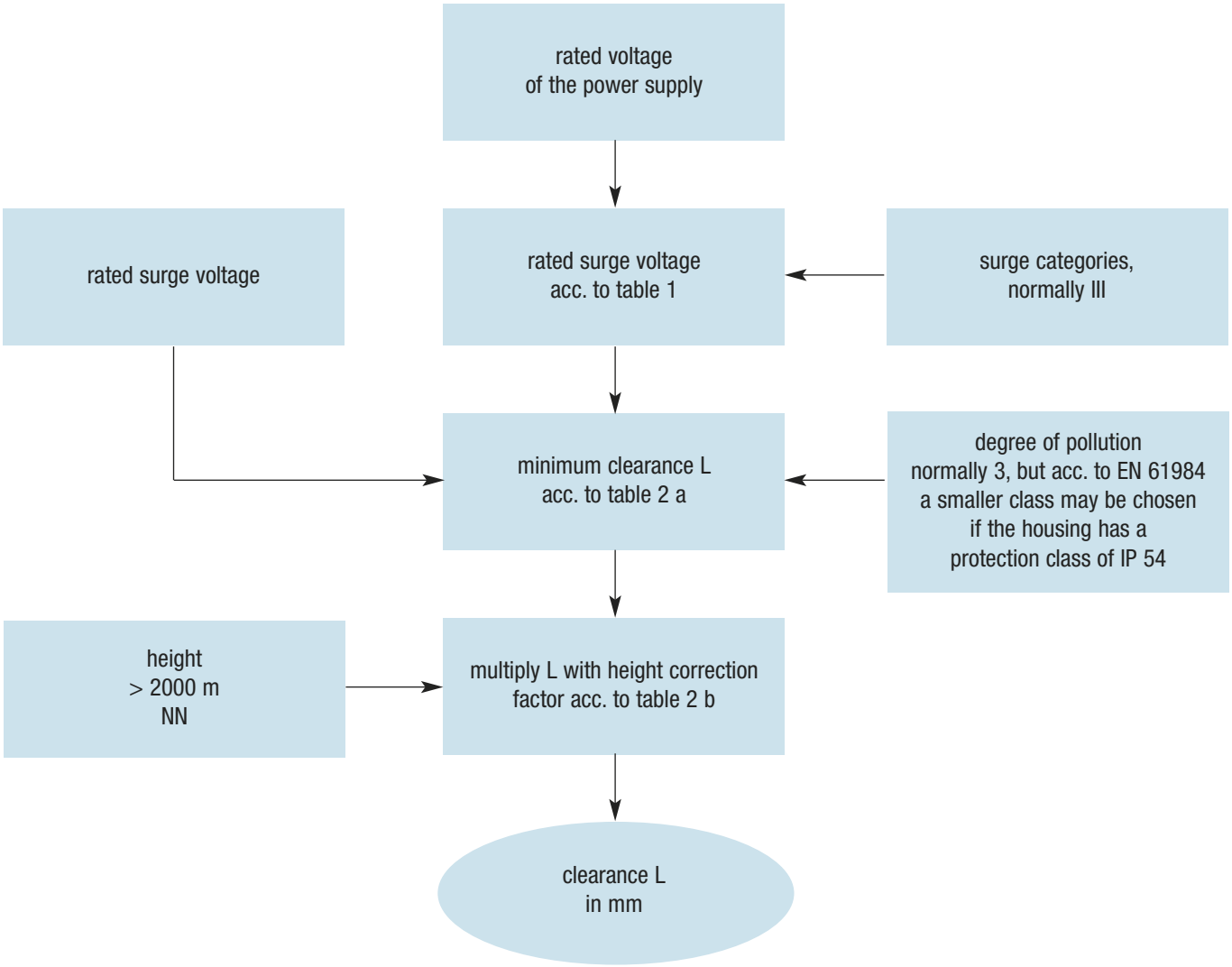
Pollution Degree 1:
There is no or only dry, non-conductive pollution. The pollution is without influence.
Pollution Degree 2:
There is only non-conductive pollution. Occasional momentary conductivity due to condensation.
Pollution Degree 3:
There is conductive pollution or dry non-conductive pollution, which becomes conductive due to condensation.
Pollution Degree 4:
There is a continuous conductivity due to conductive dust, rain or moisture.

Insulation Material
The insulation materials are divided into the following four groups depending on their comparative tracking index (CTI) :

Insulation material I:	$600 \leq CTI$
Insulation material II:	$400 \leq CTI < 600$
Insulation material III a:	$175 \leq CTI < 400$

Measurement of Clearances

Diagram for the Determination of Clearances



Rated Surge Voltage for Utilities					
rated voltage of the power supply *) in V		Rated Surge Voltage in kV (1,2/50ms) for			
3-phase systems	single systems in the centre	utilities at the feed of the installation (surge category IV)	utilities as part of a fixed installation (surge category III)	utilites for connection to fixed installations (surge category II)	Specially protected utilities (surge category I)
	120 up to 240	4	2,5	1,5	0,8
230/400** 277/480**		6	4	2,5	1,5
400/690**		8	6	4	2,5
1000		12	8	6	4

*) chosen voltage values

**) the / dash is for a 3-phase system with 4 lines. The lower value is for phase to neutral, the higher value is for phase to phase

minimum clearance in air at installation heights of up to 2000 m above sea leavel (NN)								
"rated surge voltage [kV]"	case A inhomogenous field) degree of pollution				case B homogenous field) degree of pollution			
	1 (mm)	2 (mm)	3 (mm)	4 (mm)	1 (mm)	2 (mm)	3 (mm)	4 (mm)
0,33 _)	0,01	_)			0,01	_)		
0,40	0,02				0,02			
0,5 _)	0,04				0,04			
0,60	0,06				0,06			
0,80 _)	0,10	0,2	0,80		0,10	0,2	0,8	
1,0	0,15			1,6	0,15			1,6
1,2	0,25	0,25			0,2			
1,5 _)	0,5	0,5			0,3	0,3		
2,0	1,0	1,0	1,0		0,45	0,5		
2,5 _)	1,5	1,5	1,5		0,6	0,6		
3,0	2	2	2	2	0,8	0,8		
4,0 _)	3	3	3	3	1,2	1,2	1,2	
5,0	4	4	4	4	1,5	1,5	1,5	
6,0 _)	5,5	5,5	5,5	5,5	2	2	2	2
8,0 _)	8	8	8	8	3	3	3	3
10	11	11	11	11	3,5	3,5	3,5	3,5
12 _)	14	14	14	14	4,5	4,5	4,5	4,5
15	18	18	18	18	5,5	5,5	5,5	5,5
20	25	25	25	25	8	8	8	8
25	33	33	33	33	10	10	10	10
30	40	40	40	40	12,5	12,5	12,5	12,5
40	60	60	60	60	17	17	17	17
50	75	75	75	75	22	22	22	22
60	90	90	90	90	27	27	27	27
80	130	130	130	130	35	35	35	35
100	170	170	170	170	45	45	45	45

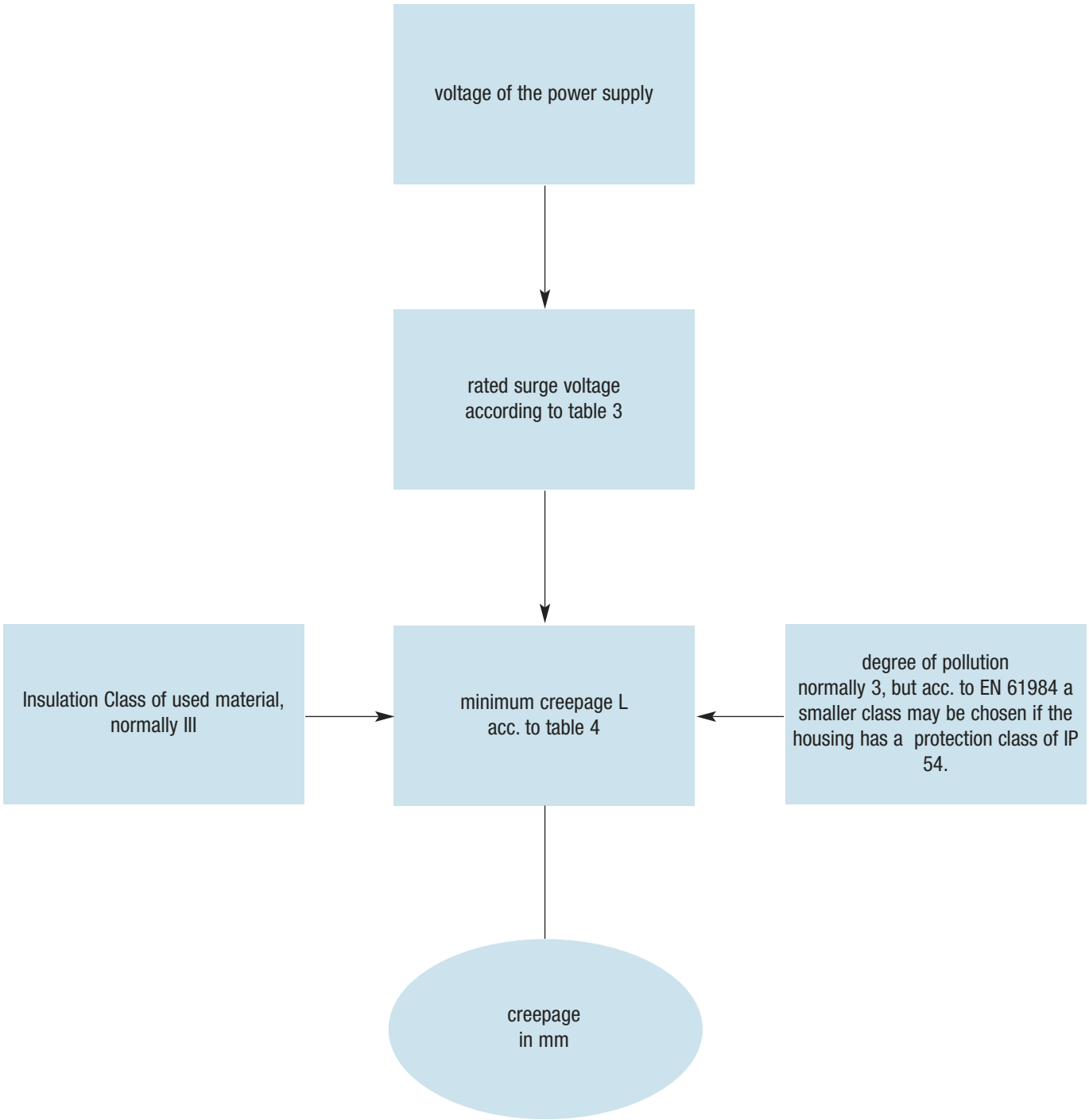
1)This voltage is
- for functional insulation:
  the maximum impulse voltage expected to occur across the clearance
- for basic insulation directly exposed by transient overvoltages
- for other basic insulation

_) Preferred values

Factors for Height Correction		
height in m	normal air pressure in kPa	multiplication factor for distances
2000	80,0	1,00
3000	70,0	1,14
4000	62,0	1,29
5000	54,0	1,48
6000	47,0	1,70
7000	41,0	1,95
8000	35,5	2,25
9000	30,5	2,62
10000	26,5	3,02
15000	12,0	6,67
20000	5,5	14,50

Measurement of creepage

Diagram for the Determination of creepage



voltage of the power supply [V]	Rated voltage [V]
60	63
110/120/127	125
150	160
208	200
220/230/240	250
300	320
380/400/415	400
440	500
480/500	500
575	630
600	630
660/690	630
720/830	800
960	1000
1000	1000

Table 3

* the above shown table does not give the entire correlation of word-wide used networks and rated voltages; it is reduced to the most common ones; further details, see DIN EN60664-1

Creepages in [mm] for electrical Equipments										
rated voltage [V]	degree of pollution									
	1	2			3			4		
	All Insulater classes	Insulation Class			Insulation Class			Insulation Class		
		I	II	III	I	II	III	I	II	III
10	0,08	0,40	0,40	0,40	1,00	1,00	1,00	1,6	1,6	1,6
12,5	0,09	0,42	0,42	0,42	1,05	1,05	1,05	1,6	1,6	1,6
16	0,10	0,45	0,45	0,45	1,10	1,10	1,10	1,6	1,6	1,6
20	0,110	0,48	0,48	0,48	1,20	1,20	1,20	1,6	1,6	1,6
25	0,125	0,50	0,50	0,50	1,25	1,25	1,25	1,7	1,7	1,7
32	0,140	0,53	0,53	0,53	1,30	1,30	1,30	1,8	1,8	1,8
40	0,16	0,56	0,80	1,10	1,4	1,6	1,8	1,9	2,4	3,0
50	0,18	0,60	0,85	1,20	1,5	1,7	1,9	2,0	2,5	3,2
63	0,20	0,63	0,90	1,25	1,6	1,8	2,0	2,1	2,6	3,4
80	0,22	0,67	0,95	1,3	1,7	1,9	2,1	2,2	2,8	3,6
100	0,25	0,71	1,00	1,4	1,8	2,0	2,2	2,4	3,0	3,8
125	0,28	0,75	1,05	1,5	1,9	2,1	2,4	2,5	3,2	4,0
160	0,32	0,80	1,1	1,6	2,0	2,2	2,5	3,2	4,0	5,0
200	0,42	1,00	1,4	2,0	2,5	2,8	3,2	4,0	5,0	6,3
250	0,56	1,25	1,8	2,5	3,2	3,6	4,0	5,0	6,3	8,0
320	0,75	1,60	2,2	3,2	4,0	4,5	5,0	6,3	8,0	10,0
400	1,00	2,00	2,8	4,0	5,0	5,6	6,3	8,0	10,0	12,5
500	1,30	2,50	3,6	5,0	6,3	7,1	8,0	10,0	12,5	16,0
630	1,8	3,2	4,5	6,3	8,0	9	10,0	12,5	16	20
800	2,4	4,0	5,6	8,0	10,0	11	12,5	16,0	20	25
1000	3,2	5,0	7,1	10,0	12,5	14	16,0	20,0	25	32

Table 4

Technische Kennwerte Serie HF/*Technical specifications Series: HF*

Crimphülse

- Optimale Materialanpassung entsprechend der Kundenapplikation
- Anpassung auf spezielle Leiterquerschnitte und Verarbeitungswerkzeuge
- Verwendung der gleichen Crimphülse für Stift-, Buchsen- und Erdkontakt
- Robuste widerstandsfähige Crimphülse für vielfältige Industrieapplikationen

Stiftkontakt

❷ Kontaktträger

❸ Adapter

❹ Crimphülse

Stift-/ Buchsenkontakt

- Verschleißarmes Basismaterial
- Austausch der Einzelteile durch modularen Aufbau
- Oberflächenveredlung gemäß Kundenapplikationsforderung
- Reduzierung der Steck-/Ziehkräfte um 30%
- Erhöhung der Steckzyklen um 50%
- Variable Anschlußtechnik

Crimp ferrule

- *Optimum material adaptation according to customer's application*
- *Adaptation to special customer wire size and crimping tools*
- *Same crimp ferrule for male, female and grounding contact*
- *Robust crimp ferrule for toughindustrial applications*

Male contact

❷ *Insulating material plastic*

❸ *Adapter*

❹ *Crimp ferrule*

Male/female contact

- *Wear-resistant basic material*
- *Worn parts can be individually exchanged*
- *Surface coating according to customer application*
- *30% reducted mating and pulling forces*
- *50% increase of making cycles*
- *Variable wire termination*

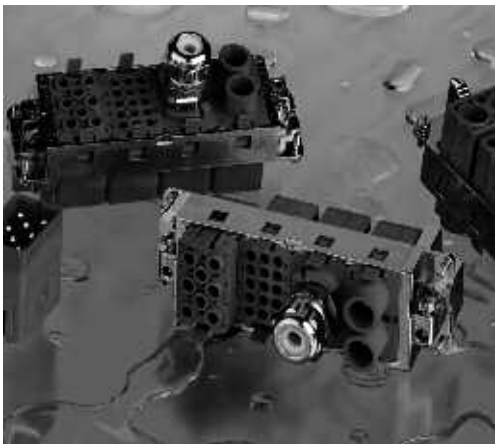
Bemessungsstrom	350 A
Bemessungsspannung	1000 V~, Isolationsgruppe C
Prüfspannung	3 (C)
Prüfspannung U_{eff}	3 kV
Durchgangswiderstand	≤ 1 mΩ
Isolationswiderstand	≥ 10^{10}Ω
Temperaturbereich	- 40°C + 125°C Die obere Grenztemperatur schließt die Kontakterwärmung und Erwärmung durch Umgebungstemperatur ein
Kabel Anschluß	Crimpanschluß 50 - 150 mm²
Werkstoffe	
Kontakteinsätze	thermoplastischer Formstoff glasfaserverstärkt (UL-gelistet) V-0
Kontaktelemente	Kupferlegierung
Kontaktoberfläche	hartversilbert

Rated current	*350 A*
Rated voltage	*1000V~, insulation group C*
Test voltage	*3 (C)*
Test voltage U_{rms}	*3 kV*
Volume resistance	*≤ 1 mΩ*
Insulation resistance	*≥ 10^{10}Ω*
Temperature range	*- 40°C + 125°C* *The maximal limit temperature includes contact heat-up and heat-up caused by ambient temperature.*
Wire termination	*Crimp terminal 50 - 150 mm²*
Materials	
Contact inserts	*thermoplastic material glass-fibre reinforced (UL listed) V-0*
Contact elements	*copper alloy*
Contact surfaces	*hard-silver-plated*

Kontaktzahlen/ *No. of contacts*	8	14	23	35	48
Baugröße/ *Size*	3	4	6	8	8

Technische Kennwerte Serie MDL/*Technical specifications series MDL*

- Modular aufgebaute Kontakteinsätze - Baugröße 3-4-6-8-10-12
- Optimale Flexibilität, leichtes Handling, schnelle Montage
- Rationelle Mischbestückung zur Lösung anwenderspezifischer Kundenanforderungen
- Halterahmen zur Aufnahme der variabel einsetzbaren Module, baugleich für Ober- und Unterteil
- Reduzierung der Lagerbestandskosten
- Polarisierter Einsatz der Module in einem Halterahmen
- Leistungs- und Signalübertragung über einen Steckverbinder
- Voreilende Schutzkontakte
- Elektromagnetisch verträgliche Module für Bussystem-Schnittstellen



- *Modular contact inserts – sizes 3-4-6-8-10-12*
- *Optimum flexibility, easy handling, quick assembly*
- *Rational mixing of connectors, i. e. application specific customer requirements can be solved*
- *Fixing frame to hold the interchangeable modules, same design for upper and lower part*
- *Storage costs are reduced*
- *Polarized use of the modules in a fixing frame*
- *Power- and signal transmission with one connector*
- *Leading grounding contact*
- *Modules, tolerant to electro-magnetic waves, for bus system interfaces*

Vorschriften	DIN VDE 0110 für Luft- und Kriechstrecken DIN VDE 0627 für Steckverbinder und Steckvorrichtungen
Zulassungen	UL, CSA
Modulbaustein	
Verschmutzungsgrad	3
Werkstoff	thermoplastischer Formstoff
Temperaturbereich	- 40°C + 125°C
Brennbarkeit	nach UL 94 V-0

Regulations	*DIN VDE 0110 for clearance and tracking distance* *DIN VDE 0627 for connectors, plugs and sockets*
Approvals	***UL, CSA***
Module element	
Degree of contamination	*3*
Material	*thermoplastics*
Temperature range	*- 40°C + 125°C*
Flammable	*acc. to UL 94 V-0*

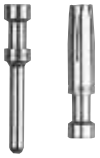
Modulbausteine ***Module elements***	**Modulbezeichnung** ***Moduldesignation***	**Elektrische Kennwerte/Pneumatic** ***Electrical ratings/Pneumatic***	**Kontaktzahlen** ***No. of contacts***
Last/Signal/*Power Signal*	MDL-HF 1+2	1 x (150A/1000V), 2 x (10A/250V)	3
Last/Signal/*Power Signal*	MDL-HSS 2+2	2 x (63A/1000V), 2 x (10A/250V)	4
Last/Signal/*Power Signal*	MDL-HSM 3 + 4	3 x (40A/1000V), 4 x (10A/250V)	7
Pneumatik/*Pneumatic*	MDL-AIR	10 bar, NW = 4,0	2
Signal/*Signal*	MDL-HN.D	15 x (10A/400V)	15, 18
Signal/*Signal*	MDL-HD	18 x (10A/250V)	15, 18
LWL/*Optical transmission*	MDL-LWL		18
Signal/*Signal*	MDL-HVT	8 x (16A/400V)	8
Signal/*Signal*	MDL-Twinax	4 x (16A/150V)	4
Signal/*Signal*	MDL-KX	6x RG 58/RG 59	6
Signal/*Signal*	MDL-KX.VT		1
Signal/*Signal*	MDL-Dynamic	30 x (5A/600V)	30
Signal/*Signal*	MDL-RJ45	CAT 5e	1

Anschlussarten/*Termination types*

- **Schraubanschluss**
  Screw connection

- **Spring Clamp-Anschluss**
  Spring Clamp connection

- **Crimpanschluss**
  Crimp connection



Schraubanschluss/*Screw terminal*

Schraubanschluss

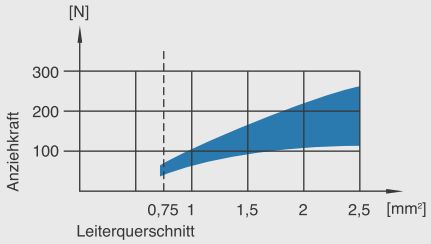
Der Schraubanschluss ist die bekannteste Anschlussart. Ihre Bemessung erfolgt nach VDE 0609. Anzugs- und Prüfdrehmomente entnehmen Sie bitte nebenstehender Tabelle.

Screw terminal

The screw terminal is the most common type of connection. Ratings are based on VDE 0609. Please refer to the table at the left for torques.

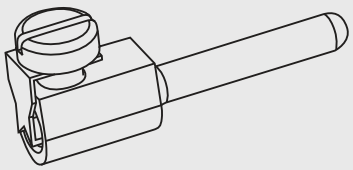
Leiterquerschnitt (mm²)	1	1,5	2,5	4	6	10	*Wire cross section (mm²)*
Schraubengewinde	**M 2,6**	**M 3**	**M3**	**M 3,5**	**M 4**	**M 4**	*Thread*
Prüfdrehmoment Ncm	40	50	50	80	120	120	*Test torque Ncm*

Das Diagramm zeigt den Streubereich der Ausziehkräfte der Leiter aus der Schraubver-bindung eines Kontaktelementes mit Klemmschutz.
Klemmschraube: M 3
Prüfdrehmoment: 50 Ncm



The diagram shows the force range for pulling the conductor out of the screwed connection of a contact element with wire protection.
Clamp screw: M 3
Test torque: 50 Ncm

mit Drahtschutz/**with** wire protection



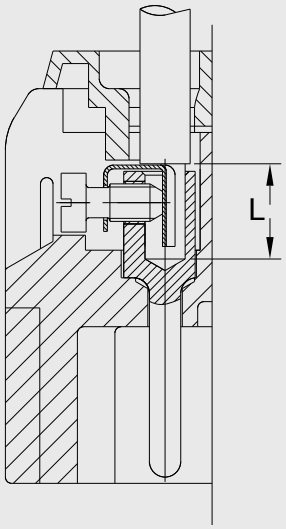
Die einschlägigen Bestimmungen sagen aus:

- Serien HE, HSB-Klemmen
  mit Drahtschutz:
  Ausser dem Abisolieren ist kein besonderes Herrichten der Leiterenden erforderlich.

The relevant regulations stipulate:

- *Terminals of series HE, HSB*
  with *wire protection:*
  No special preparation of wire ends required except for stripping.

Kontakt-Einsätze Contact inserts	max. Leiterquerschnitt max. wire cross section mm2	Abisolierlänge Stripping length AWG	 I (mm)
HA.3/HA.4	2,5	14	4,5
HE.6-48/HA.10-64	2,5	14	7,0
HSB.6/35	6,0	10	11,5



HA Spring Clamp-Anschluss/*HA Spring Clamp connection*

Technische Kennwerte

Vorschriften:	DIN VDE 0110 DIN VDE 0627
Zulassungen:	UL/CSA/SEV/VDE
Käfigzugfederanschluß:	bis 2,5mm² (AWG 14) mit Aderendhülse bis 1,5mm² (AWG 16)

Werkstoffe

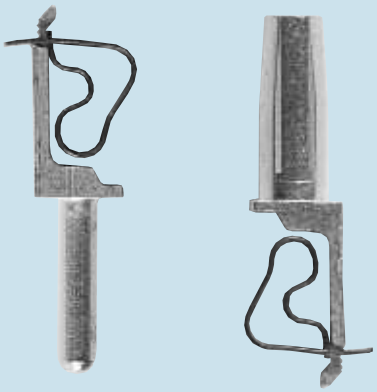
Kontaktelemente:	Kupferlegierung
Kontaktoberfläche:	hartversilbert

Technical ratings

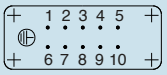
Specification:	*DIN VDE 0110* *DIN VDE 0627*
Approval:	*UL/CSA/SEV/VDE*
Cage clamp terminal:	*up to 2,5mm² (AWG 14)* *with wire pin up to 1,5mm² AWG 16)*

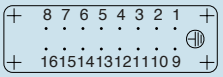
Materials

Contact elements:	*copper alloy*
Contact surface:	*hard-silver-plated*

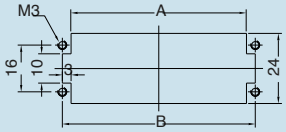


Kontaktanordnung
Ansicht Anschlußseite
Contact arrangements
view from terminal side

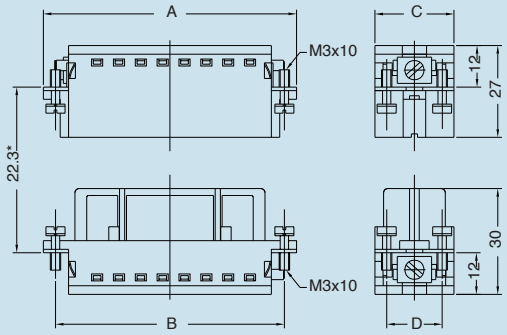




Montageausschnitt für Kontakteinsätze bei Verwendung ohne Geh
Panel cut-out

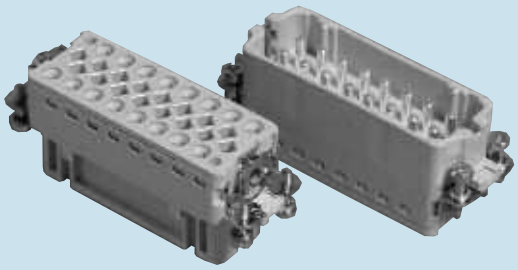


Baugröße/Size	Maße/Dimensions	
	A	B
2	43,5	49,5
5	60	66



*Abstand für sichere Kontaktgabe 24 mm

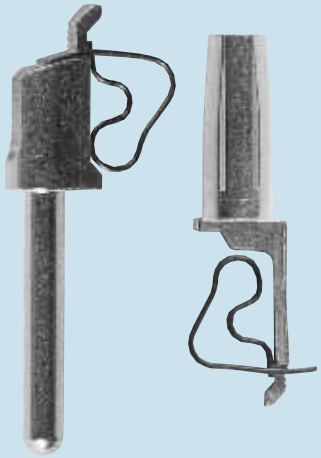
Baugröße/Size	Maße/Dimensions			
	A	B	C	D
2	56,5	49,5	22,8	16
5	73	66	22,8	16



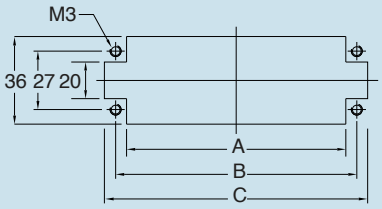
HE Spring Clamp-Anschluss/*HE Spring Clamp connection*

Technische Kennwerte

Vorschriften:	DIN VDE 0110 DIN VDE 0627
Zulassungen:	UL/CSA/SEV/VDE
Käfigzugfederanschluß:	bis 2,5mm² (AWG 14)
Kontakteinsätze:	Thermoplastischer Formstoff PBT
Kontaktelemente:	Kupferlegierung
Kontaktoberfläche:	hartversilbert



Montageausschnitt für Kontakteinsätze bei Verwendung ohne Gehäuse
Panel cut-out



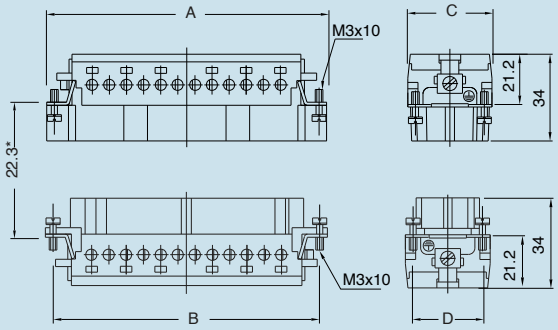
Baugröße Size	Abmessungen/Dimensions (mm)		
	A	B	C
3	37	44	52
4	50	57	65
6	70,5	77,5	85,5
8	97	104	112

Technical ratings

Specification:	*DIN VDE 0110* *DIN VDE 0627*
Approval:	*UL/CSA/SEV/VDE*
Cage clamp terminal:	*up to 2,5mm² (AWG 14)* *with wire pin up to 1,5mm² (AWG 16)*

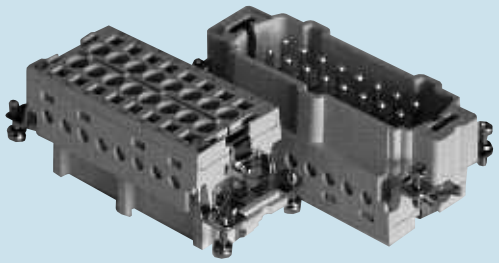
Materials

Contact elements:	*copper alloy*
Contact surface:	*hard-silver-plated*



*Abstand für sichere Kontaktgabe 24 mm

Baugröße/Size	Maße/Dimensions			
	A	B	C	D
3	52	44	33	27
4	63	57	33	27
6	83,5	77,5	33	27
8	110	104	33	27



Crimpkontakte/*Crimp contacts*

Die moderne Crimp-Anschlußtechnik weist gegenüber Schraub- oder Lötanschlüssen wesentliche technische und wirtschaftliche Vorteile auf.

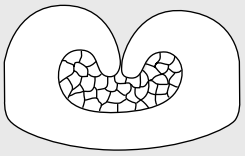
Zum Crimpen werden ein- oder mehrdrähtige Leiter eingesetzt. der Crimpvorgang kann durch Crimp-Handzangen oder für die Serienfertigung mit halb- oder vollautomatischen Crimpmaschinen erfolgen. Mit Vollautomaten geschieht das Abisolieren der Leiter und das Crimpen der Kontakte maschinell in einem Arbeitsgang. Mit Hilfe dieser Crimpwerkzeuge wird der Anschlußbereich des Crimpkontaktes verformt und somit eine feste, gasdichte Verbindung mit dem Leiter hergestellt.

HTS bietet wirtschaftliche und technische Vorteile mit zwei weltweit verbreiteten Crimpsystemen:
- Präzisions-gedrehte HE, HN.D, HVT, HSM, HSL und HSS-Massiv-Crimpkontakte.
- Präzisions-gestanzte HD.M-Crimpkontakte.

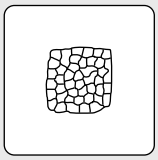
1. Die gleichbleibende Crimpqualität garantiert einen konstanten Durchgangswiderstand.
2. Korrosionsfestigkeit durch annähernde Kaltverschweißung.
3. Vorkonfektionierung von Kabelbäumen mit Crimpkontakten.
4. Wesentlich höhere Verdrahtungs-geschwindigkeit.
5. Das Lösen bereits gesteckter Kontakte ist mit speziellem Lösewerkzeug möglich.

Auswahlhilfe Silber/Goldkontakte:
Die Auswahl o.g. Materialien sollte vor folgendem Hintergrund stattfinden:
Verschleiß ist auf Grund der Härte der Goldoberfläche bei vergoldeten Kontakten geringer, was auch höhere Steckzyklen erlaubt. Auch ist die Steckkraft ist bei vergoldeten Kontakten geringer.
Das **Widerstandsverhalten** bei Gold ist konstanter aufgrund der geringeren Reaktionsfreudigkeit: Silber reagiert mit Schwefel und bildet eine dünne Oxidschicht aus. Diese Schicht wird beim Stecken problemlos durchbrochen bzw. von größeren Strömen „verbrannt".
Unserer Erfahrung nach ist ein Einsatz von Goldkontakten nur bei Signal-Stömen und -Spannungen aufgrund des sehr konstanten (zeitlich) Widerstandsverhalten notwendig.Bei Anwendungen >5mA und >5V ist der Einsatz von Silberkontakten aus wirtschaftlichen Gesichtspunkten sinnvoller.
In nebenstehender Grafik ist diese Strom/Spannungs Auswahl zusammengefaßt.
Spez. Widerstand: Gold: 0,022 Vmm_/m
Silber: 0,015 Vmm_/m

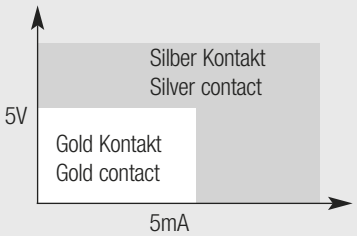
Schliffbilder einer Crimpstelle
Cross sections of crimp contacts



F-Crimpung für HD.M-Kontakte
F crimp for HD.M contacts



Vierkant Crimpung
Square section crimping



State-of-the-Art crimping technology is superior to screw or solder terminals compared to technical and economic perspectives.

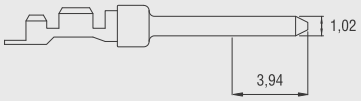
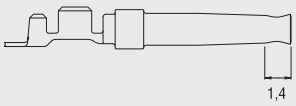
Solid or multi strand conductors can be used for crimping. Crimping is done with manual crimping tools or semi-automatic crimping machines. Fully automatic machines perform all processes from stripping the conductor to crimping the contacts in a single step. The crimping tools connect the contact and the conductor by applying pressure to the connection area of the contact, thus creating a reliable, gas-tight termination.

HTS offers technical and economic advantages with two world-wide proven and acknowledged crimping systems:
- *precision-screw machined solid crimp contacts HE, HN.D, HVT, HSM, HSL and HSS.*
- *precision-stamped HD.M crimp contacts*

1. *The constant crimp quality ensures a constant resistance.*
2. *Connection is almost cold-welded, giving corrosion resistance to the termination.*
3. *Preparation of cable harness with crimp contacts.*
4. *Faster termination times.*
5. *Crimped contacts can be removed with a special tool.*

How to choose between silver- or gold-plated contacts:
The choice of either silver- or gold-plated contacts should be made considering the following:
The surface of gold-plated contacts is harder, which means less wear and tear and enables higher mating cycles. The mating force of gold-plated contacts is lower as well.
Gold's resistance performance is more constant due to its low reactivity. Silver reacts with sulphur and forms a thin oxidation layer. When mating this layer can be broken through or 'burnt off' by higher currents.
Our experience has shown that the use of gold-plated contacts is only necessary with signal currents and voltages when very constant resistance performance is required. From an economic point of view it makes more sense to use silver-plated contacts for applications of >5mA and >5V.
The graphic shown left is the current/voltage choice.
Resistance: Gold: 0,022 Vmm_/m
Silver: 0,015 Vmm_/m

Crimpkontakte S20DF Serie/*Crimp contacts S20DF series* 5A

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr. *Order No.*	Maße mm² *Dimensions mm²*
 Stiftkontakt/*Pin contact*  Buchsenkontakt/*Socket contact*   Werkstoff: Kupferlegierung Oberfläche: - vergoldet Durchgangswiderstand: ≤ 15 mΩ Crimpanschluss: - mm² 0,08 - 0,6 mm² - AWG 28 - 20 *Material: Copper alloy* *Finish:* *- gold plated* *Contact resistance:* ≤ 15 mΩ *Crimp terminal :* - mm² 0,08 - 0,6 mm² - AWG 28 - 20	Stiftkontakt vergoldet *Pin contact gold plated* Bandkontakt/Stift vergoldet *Reel contact/pin gold plated* Buchsenkontakt vergoldet *Socket contact gold plated* Bandkontakt/Buchse vegoldet *Reel contact/socket gold plated*	1-66507-0 1-66506-0 66507-4 66506-4 1-66505-0 1-66504-0 66505-4 66504-4	0,08 – 0,2 0,2 – 0,6 0,08 – 0,2 0,2 – 0,6 0,08 – 0,2 0,2 – 0,6 0,08 – 0,2 0,2 – 0,6

Werkzeuge für Crimptechnik S20DF Serie/*Crimping tools S20DF series*

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr. *Order No.*	Querschnitt mm² *Cross section mm²*
Crimpzange ***Crimping tool*** 	Certi-Crimp Reel-Fed Certi Lok*	169424-1	
Ausdrückwerkzeug /*Extraction tool*	S20DF	91285-1	alle Querschnitte *all cross sections*
Eindrückwerkzeug/*Insertion tool*	S20DF	726363-1	

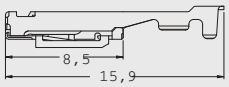
*für Bandkontakte/*lor reel contacts*

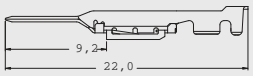
Crimpkontakte Dynamic 2800 Serie/*Crimp contacts Dynamic 2800 series* 5A

Bezeichnung
Description

Buchsenkontakt/*Receptable contact*

Stiftkontakt/*Top contact*





Werkstoff: Kupferlegierung
Oberfläche:
- vergoldet
Durchgangswiderstand: ≤ 3 mΩ
Crimpanschluss:
- mm² 0,08 - 0,85 mm²
- AWG 28 - 18

Material: Copper alloy
Finish:
- gold plated
Contact resistance: ≤ 3 mΩ
Crimp terminal :
- mm² 0,08 - 0,85 mm²
- AWG 28 - 18

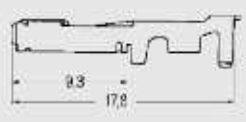
Bestelltext ***Designation***	**Bestell-Nr.** ***Order No.***	**Maße mm²** ***Dimensions mm²***	**Werkzeug** ***Tool***
Stiftkontakt vergoldet *Top contact gold plated*	1318112-1 1318111-1	0,08 – 0,2 (S) 0,3 – 0,85 (M)	91576-1 91595-1
Bandkontakt/Stift vergoldet *Strip form* *Top contact gold plated*	1318110-1 1318109-1	0,08 – 0,2 (S) 0,3 – 0,85 (M)	(Applicator) 1385232-2 1385231-2
Buchsenkontakt vergoldet *Receptable contact gold plated*	1318108-1 1318107-1	0,08 – 0,2 (S) 0,3 – 0,85 (M)	91596-1 91595-1
Bandkontakt/Buchse vergoldet *Strip form* *Receptable contact gold plated*	1318106-1 1318105-1	0,08 – 0,2 (S) 0,3 – 0,85 (M)	(Applicator) 1385232-2 1385231-2

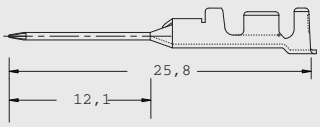
Crimpkontakte Dynamic 3800 Serie/*Crimp contacts Dynamic 3800 series* 8A

Bezeichnung
Description

Buchsenkontakt/*Receptable contact*

Stiftkontakt/*Top contact*





Werkstoff: Kupferlegierung
Oberfläche:
- vergoldet
Durchgangswiderstand: ≤ 3 mΩ
Crimpanschluss:
- mm² 0,06 - 2,2 mm²
- AWG 28 - 14

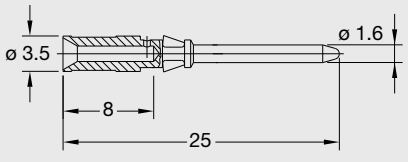
Material: Copper alloy
Finish:
- gold plated
Contact resistance: ≤ 3 mΩ
Crimp terminal :
- mm² 0,06 - 2,2 mm²
- AWG 28 - 14

Bestelltext ***Designation***	**Bestell-Nr.** ***Order No.***	**Maße mm²** ***Dimensions mm²***	**Werkzeug** ***Tool***
Stiftkontakt vergoldet *Top contact gold plated*	175287-2 175288-2 175289-2 987512-2	0,06 – 0,2 (S) 0,2 – 0,5 (M) 0,5 – 1,25 (L) 1,25 – 2,2 (2L)	91565-1 91559-1 91558-1 91560-1
Bandkontakt/Stift vergoldet *Strip form* *Top contact gold plated*	175284-2 175285-2 175286-2 917485-2	0,06 – 0,2 (S) 0,2 – 0,5 (M) 0,5 – 1,25 (L) 1,25 – 2,2 (2L)	(Applicator) 1276659-1 937472-1 1385001-2 1276662-1
Buchsenkontakt vergoldet *Seceptable contact gold plated*	175216-2 175217-2 175218-2 917511-2	0,06 – 0,2 (S) 0,2 – 0,5 (M) 0,5 – 1,25 (L) 1,25 – 2,2 (2L)	91565-1 91559-1 91558-1 91560-1
Bandkontakt/Buchse vergoldet *Strip form* *Receptable contact gold plated*	175194-2 175195-2 175196-2 917484-2	0,06 – 0,2 (S) 0,2 – 0,5 (M) 0,5 – 1,25 (L) 1,25 – 2,2 (2L)	(Applicator) 1276659-1 937472-1 1385001-2 1276662-1

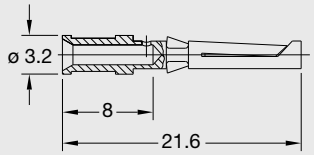
Crimpkontakte HN.D Serie/*Crimp contacts HN.D series* 10A

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr. *Order No.*	Maße mm² *Dimensions mm²*
	Stiftkontakt versilbert *Pin contact silver plated*		
		1-1105050-1	0,14-0,37
		2-1105050-1	0,5
		3-1105050-1	0,75-1,0
		4-1105050-1	1,5
		5-1105050-1	2,5
	Stiftkontakt vergoldet *Pin contact gold plated*		
		1-1105050-2	0,14-0,37
		2-1105050-2	0,5
		3-1105050-2	0,75-1,0
		4-1105050-2	1,5
		5-1105050-2	2,5
	Buchsenkontakt versilbert *Socket contact silver plated*		
		1-1105051-1	0,14-0,37
		2-1105051-1	0,5
		3-1105051-1	0,75-1,0
		4-1105051-1	1,5
		5-1105051-1	2,5
	Buchsenkontaktvergoldet *Socket contact gold plated*		
		1-1105051-2	0,14-0,37
		2-1105051-2	0,5
		3-1105051-2	0,75-1,0
		4-1105051-2	1,5
		5-1105051-2	2,5

Stiftkontakt/*Pin contact*



Buchsenkontakt/*Socket contact*

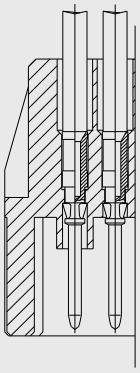


Werkstoff: Kupferlegierung
Oberfläche:
- hartversilbert
- hartvergoldet
Durchgangswiderstand: ≤ 3 mΩ
Crimpanschluss:
- mm² 0,14 - 2,5 mm²
- AWG 26 - 14

Material: Copper alloy
Finish:
- hard silver
- hard gold
Contact resistance: ≤ 3 mΩ
Crimp terminal :
- mm² 0,14 - 2,5 mm²
- AWG 26 - 14

HN.D – Gedrehte Crimpkontakte/*Screw machined crimp contacts*
Querschnittskennzeichnung/*Designation of cross section*

Kennzeichnung *Designation*	Leiterquerschnitt *Wire cross section*	Abisolierlänge der Litze *Stripping length*
1	0,14 - 0,37 mm²	8 mm
2	0,5 mm²	8 mm
3	0,75 - 1 mm²	8 mm
4	1,5 mm²	8 mm
5	2,5 mm²	6 mm



Werkzeuge für Crimptechnik HN.D Serie/*Crimping tools HN.D series*

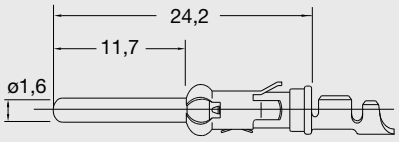
Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr. *Order No.*	Querschnitt mm² *Cross section mm²*
Crimpzange ohne Locator und Matrize ***Crimping tool** without locator and die*	RSZ.BAS	1-1105850-8	
Crimpzange mit Locator und Matrize ***Crimping tool** with locator and die*	RSZ.HE-HN.D-HVT	1-1105851-8	
Locator und Matrize 0,14 – 4mm² ***Locator and die 0,14 – 4mm²***	RSZ.LC 0,14-4 mm²	1-1105852-8	0,14-4mm²
Crimpzange ohne Locator ***Crimping tool** without locator*	Daniels Tool AF8	601967-1	
Locator hierzu ***Locator** for the tool*	Turnet	523168-5	
Ausdrückwerkzeug HN.D/*Extraction tool HN.D*	AWZG-HN.D-RSZ	0-1102855-2	alle Querschnitte all cross sections
Eindrückwerkzeug/*Insertion tool*	EWZG-RSZ	0-1102855-6	

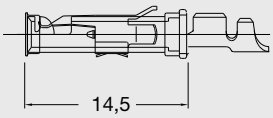
Crimpkontakte HD.M Serie/*Crimp contacts HD.M series* 10A

Bezeichnung
Description

Stiftkontakt/*Pin contact*

Buchsenkontakt/*Socket contact*



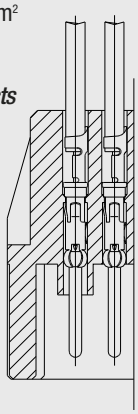


Werkstoff: Kupferlegierung
Oberfläche:
- verzinnt
- hartvergoldet
Durchgangswiderstand: ≤ 3 mΩ
Crimpanschluss:
- mm² 0,14 - 2,5 mm²
- AWG 26 - 14

Material: Copper alloy
Finish:
- tin plated
- hard gold
Contact resistance: ≤ 3 mΩ
Crimp terminal :
- mm² 0,14 - 2,5 mm²
- AWG 26 - 14

HD.M – Gestanzte Crimpkontakte/*Stamped machined crimp contacts*
Querschnittskennzeichnung/*Designation of cross section*

Kennzeichnung *Designation*	Leiterquerschnitt *Wire cross section*	Abisolierlänge der Litze *Stripping length*
1	0,2 - 0,56 mm²	3,5 mm
2	0,5 - 1,5 mm²	3,5 mm
3	0,8 - 1,5 mm²	3,5 mm
4	1,5 - 2,5 mm²	3,5 mm



Verpackungseinheiten/*Packing unit*
Kontakte am Band/*Contacts on reel*: **A=** 5.000 Stück/*Pieces,* **B=** 4.000 Stück/*Pieces*

Bestelltext ***Designation***	**Bestell-Nr.** ***Order No.***	**Maße mm²** ***Dimensions mm²***
Stiftkontakt verzinnt *Pin contact tin plated*	1-1105000-3 2-1105000-3 4-1105000-3	0,3 – 0,56 0,5 – 1,5 1,5 – 2,5
Bandkontakt/Stift verzinnt *Reel contact/pin tin plated*	0-0164161-9 0-0166824-2	0,5 – 1,5 1,5 – 2,5
Stiftkontakt vergoldet *Pin contact gold plated*	1-1105000-2 3-1105000-2	0,3 – 0,56 0,8 – 1,5
Bandkontakt/Stift vergoldet *Reel contact/pin gold plated*	0-0164160-4 0-0164161-4	0,3 – 0,56 0,8 – 1,5
Buchsenkontakt verzinnt *Socket contact tin plated*	1-1105001-3 2-1105001-3 4-1105001-3	0,3 – 0,56 0,5 – 1,5 1,5 – 2,5
Buchsenkontakt vergoldet *Socket contact gold plated*	1-1105001-2 3-1105001-2	0,3 – 0,56 0,8 – 1,5
Bandkontakt/Buchse vergoldet *Reel contact/socket gold plated*	1-0163087-1 0-0163083-7	0,3 – 0,56 0,8 – 1,5

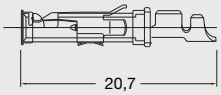
Werkzeuge für Crimptechnik HD.M Serie/*Crimping tools HD.M series*

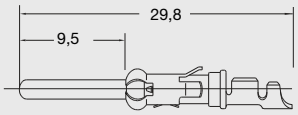
Bezeichnung ***Description***		**Bestelltext** ***Designation***	**Bestell-Nr.** ***Order No.***	**Querschnitt mm²** ***Cross section mm²***
Crimpzange ohne Locator und Matrize ***Crimping tool*** *without locator and die*		RSZ.BAS	539635-1	
Locator und Matrize ***Locator and die***		ERGO-DIE XII	539742-2	0,2-2,5mm² für Kontakte PN *for contacts PN*
Ausdrückwerkzeug HD.M/*Extraction tool HD.M*		AWZG-HD.M-RSZ	0-1102855-1	alle Querschnitte *all cross sections*
Eindrückwerkzeug/*Insertion tool*		EWZG-RSZ	0-1102855-6	unter 0,75mm² *below 0,75mm²*

Crimpkontakte HGQ10 Serie/*Crimp contacts HGQ10 series* 20A

Buchsenkontakt/*Socket contact*

Stiftkontakt/*Pin contact*





Werkstoff: Kupferlegierung
Oberfläche:
- verzinnt
Durchgangswiderstand: ≤ 3 mΩ
Crimpanschluss:
- mm² 0,2 - 4,0 mm²
- AWG 24 - 12

Material: Copper alloy
Finish:
- tin plated
Contact resistance: ≤ 3 mΩ
Crimp terminal :
- mm² 0,2 - 4,0 mm²
- AWG 24 - 12

Andere Oberflächen und Werkstoffe auf Anfrage
Other finishes and Materials on request

Product Spec.: 108-18027 Appl. Spec.: 114-18018

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr. *Order No.*	Maße mm² *Dimensions mm²*	Werkzeug *Tool*
	Stiftkontakt verzinnt *Pin contact tin plated*	962966-1 962967-1 962968-1 962969-1	0,2 – 0,4 0,5 – 1,0 1,0 – 2,5 2,5 – 4,0	734285-1 734285-1 734285-2 734285-3
	Bandkontakt/Stift verzinnt Reel contact/pin tin plated	929962-1 929963-1 929964-1 929965-1	0,2 – 0,4 0,5 – 1,0 1,0 – 2,5 2,5 – 4,0	734285-1 734285-1 734285-2 734285-3
	Buchsenkontakt verzinnt *Socket contact tin plated*	962976-1 962977-1 962978-1 962979-1	0,2 – 0,4 0,5 – 1,0 1,0 – 2,5 2,5 – 4,0	734285-1 734285-1 734285-2 734285-3
	Bandkontakt/Buchse verzinnt *Reel contact/socket tin plated*	929969-1 929970-1 929971-1 929972-1	0,2 – 0,4 0,5 – 1,0 1,0 – 2,5 2,5 – 4,0	734285-1 734285-1 734285-2 734285-3

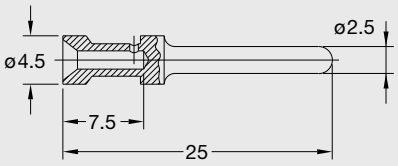
Werkzeuge für Crimptechnik HGQ10 Serie/*Crimping tools HGQ10 series*

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr. *Order No.*	Querschnitt mm² *Cross section mm²*
Ausdrückwerkzeug /*Extraction tool*	Extraction tool	1-1579007-8	
Crimpzange mit Locator ***Crimping tool with locator***	Handtool 734285-11,5 mm² 734285-22,5 mm² 734285-34,0 mm²		
Halb-/Vollautomat auf Anfrage ***Bench and Automatic tooling on request***	Safety Press SSC-2FP Ergo Die Adapter	1481004-7 1579000-7	

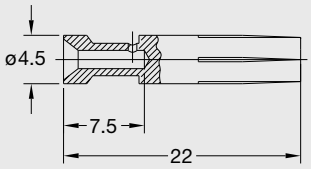
Crimpkontakte HE/HA Serie/*Crimp contacts HE/HA series* 16A

Bezeichnung
Description

Stiftkontakt/*Pin contact*



Buchsenkontakt/*Socket contact*

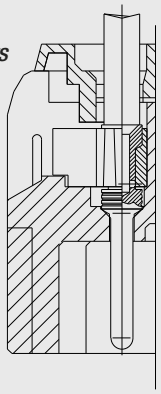


Werkstoff: Kupferlegierung
Oberfläche:
- hartversilbert
- hartvergoldet
Durchgangswiderstand: ≤ 1 mΩ
Crimpanschluss:
- mm² 0,5 - 4,0 mm²
- AWG 20 - 12

Material: Copper alloy
Finish:
- hard silver
- hard gold
Contact resistance: ≤ 1 mΩ
Crimp terminal :
- mm² 0,5 - 4,0 mm²
- AWG 20 - 12

HE/HA – Gedrehte Crimpkontakte/*Screw machined crimp contacts*
Querschnittskennzeichnung/*Designation of cross section*

Kennzeichnung *Designation*	Leiterquerschnitt *Wire cross section*	Abisolierlänge der Litze *Stripping length*
3 Rillen/*3 grooves*	0,14 - 0,34 mm²	7,5 mm
keine Rille/*no groove*	0,5 mm²	7,5 mm
1 Rille/*1 groove*	0,75 - 1 mm²	7,5 mm
2 Rillen/*2 grooves*	1,5 mm²	7,5 mm
3 Rillen/*3 grooves*	2,5 mm²	7,5 mm
keine Rille/*no groove*	4,0 mm²	7,5 mm



Bestelltext
Designation

Stiftkontakt versilbert
Pin contact silver plated

Stiftkontakt vergoldet
Pin contact gold plated

Buchsenkontakt versilbert
Socket contact silver plated

Buchsenkontakt vergoldet
Socket contact gold plated

Bestell-Nr. ***Order No.***	**Maße mm²** ***Dimensions mm²***
6-1105100-1	0,14
1-1105100-1	0,5
2-1105100-1	0,75 – 1
3-1105100-1	1,5
4-1105100-1	2,5
5-1105100-1	4,0
6-1105100-2	0,14 – 0,34
1-1105100-2	0,5
2-1105100-2	0,75 – 1
3-1105100-2	1,5
4-1105100-2	2,5
5-1105100-2	4,0
6-1105101-1	0,14
1-1105101-1	0,5
2-1105101-1	0,75 – 1
3-1105101-1	1,5
4-1105101-1	2,5
5-1105101-1	4,0
6-1105101-2	0,14 – 0,34
1-1105101-2	0,5
2-1105101-2	0,75 – 1
3-1105101-2	1,5
4-1105101-2	2,5
5-1105101-2	4,0

Werkzeuge für Crimptechnik HE/HA Serie/*Crimping tools HE/HA series*

Bezeichnung
Description

Crimpzange ohne Locator und Matrize
***Crimping tool** without locator and die*

Crimpzange mit Locator und Matrize
***Crimping tool** with locator and die*

Locator und Matrize 0,14 – 4mm²
Locator and die 0,14 – 4mm²

Crimpzange ohne Locator
***Crimping tool** without locator*

Locator hierzu
***Locator** for the tool*

Ausdrückwerkzeug HE/*Extraction tool HE*

Eindrückwerkzeug/*Insertion tool*

Bestelltext
Designation

RSZ.BAS

RSZ.HE-HN.D-HVT

RSZ.LC 0,14-4 mm²

Daniels Tool AFS

Turnet

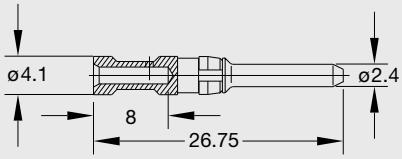
AWZG-RSZ

EWZG-RSZ

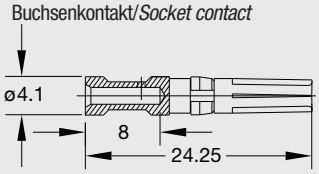
Bestell-Nr. ***Order No.***	**Querschnitt mm²** ***Cross section mm²***
1-1105850-8	
1-1105851-8	
1-1105852-8	0,14-4mm²
601967-1	
523168-6	0,14-4mm²
0-1102855-7	alle Querschnitte *all cross sections*
0-1102855-6	

Crimpkontakte HVT Serie/*Crimp contacts HVT series* 16A

Stiftkontakt/*Pin contact*



Buchsenkontakt/*Socket contact*

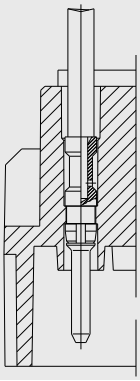


Werkstoff: Kupferlegierung
Oberfläche:
- hartversilbert
- hartvergoldet
Durchgangswiderstand: ≤ 3 mΩ
Crimpanschluss:
- mm² 0,13 - 4,0 mm²
- AWG 20 - 12

Material: Copper alloy
Finish:
- hard silver
- hard gold
Contact resistance: ≤ 3 mΩ
Crimp terminal :
- mm² 0,13 - 4,0 mm²
- AWG 20 - 12

HVT – Gedrehte Crimpkontakte/*Screw machined crimp contacts*
Querschnittskennzeichnung/*Designation of cross section*

Kennzeichnung *Designation*	Leiterquerschnitt *Wire cross section*	Abisolierlänge der Litze *Stripping length*
1	0,13 - 0,4 mm²	8 mm
2	0,5 mm²	8 mm
3	0,75 - 1 mm²	8 mm
4	1,5 mm²	8 mm
5	2,5 mm²	8 mm
6	4,0 mm²	8 mm



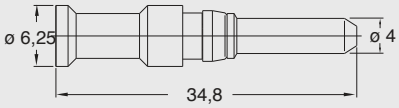
Bestelltext ***Designation***	**Bestell-Nr.** ***Order No.***	**Maße mm²** ***Dimensions mm²***
Stiftkontakt versilbert *Pin contact silver plated*	6-1105300-1	0,13 - 0,4
	1-1105300-1	0,5
	2-1105300-1	0,75 – 1,0
	3-1105300-1	1,5
	4-1105300-1	2,5
	5-1105300-1	4,0
Stiftkontakt vergoldet *Pin contact gold plated*	6-1105300-2	0,13 - 0,4
	1-1105300-2	0,5
	2-1105300-2	0,75 – 1,0
	3-1105300-2	1,5
	4-1105300-2	2,5
	5-1105300-2	4,0
Buchsenkontakt versilbert *Socket contact silver plated*	6-1105301-1	0,13 - 0,4
	1-1105301-1	0,5
	2-1105301-1	0,75 – 1,0
	3-1105301-1	1,5
	4-1105301-1	2,5
	5-1105301-1	4,0
Buchsenkontakt vergoldet *Socket contact gold plated*	6-1105301-2	0,13 - 0,4
	1-1105301-2	0,5
	2-1105301-2	0,75 – 1,0
	3-1105301-2	1,5
	4-1105301-2	2,5
	5-1105301-2	4,0

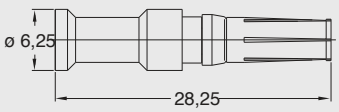
Werkzeuge für Crimptechnik HVT Serie/*Crimping tools HVT series*

Bezeichnung ***Description***		**Bestelltext** ***Designation***	**Bestell-Nr.** ***Order No.***	**Querschnitt mm²** ***Cross section mm²***
Crimpzange ohne Locator und Matrize ***Crimping tool** without locator and die*		RSZ.BAS	1-1105850-8	
Crimpzange mit Locator und Matrize ***Crimping tool** with locator and die*		RSZ.HE-HN.D-HVT	1-1105851-8	
Locator und Matrize 0,14 – 4mm² ***Locator and die 0,14 – 4mm²***		RSZ.LC 0,14-4 mm²	1-1105852-8	0,14-4mm²
Crimpzange ohne Locator ***Crimping tool** without locator*		Daniels Tool AFS	601967-1	
Locator hierzu ***Locator** for the tool*		Turnet	523168-5	0,14-4mm²
Ausdrückwerkzeug HE/*Extraction tool HE*		AWZG-RSZ	0-1102855-3	alle Querschnitte *all cross sections*
Eindrückwerkzeug/*Insertion tool*		EWZG-RSZ	0-1102855-6	

Crimpkontakte HSK Serie/*Crimp contacts HSK series* 40A

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr. *Order No.*	Maße mm² *Dimensions mm²*
Stiftkontakt/*Pin contact*	Stiftkontakt versilbert *Pin contact silver plated*	1-1108757-1	1,5
		2-1108757-1	2,5
		3-1108757-1	4
		4-1108757-1	6
		5-1108757-1	10
Buchsenkontakt/*Socket contact*	Stiftkontakt vergoldet *Pin contact gold plated*	auf Anfrage/ *on request*	
Buchsenkontakt versilbert *Socket contact silver plated*		1-1108756-1	1,5
		2-1108756-1	2,5
		3-1108756-1	4
		4-1108756-1	6
		5-1108756-1	10
Buchsenkontakt vergoldet *Socket contact gold plated*		auf Anfrage/ *on request*	



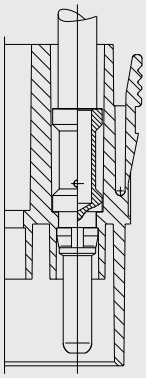


Werkstoff: Kupferlegierung
Oberfläche:
- hartversilbert
- hartvergoldet
Durchgangswiderstand: ≤ 3 mΩ
Crimpanschluss:
- mm² 1,5 - 10,0 mm²
- AWG 16 - 8

Material: Copper alloy
Finish:
- hard silver
- hard gold
Contact resistance: ≤ 3 mΩ
Crimp terminal :
- mm² 1,5 - 10,0 mm²
- AWG 16 - 8

HSK – Gedrehte Crimpkontakte/*Screw machined crimp contacts*
Querschnittskennzeichnung/*Designation of cross section*

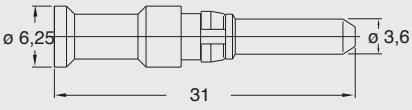
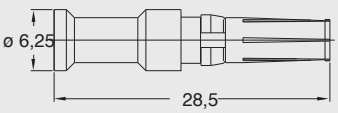
Kennzeichnung *Designation*	Leiterquerschnitt *Wire cross section*	Abisolierlänge der Litze *Stripping length*
4	1,5 mm²	11,5 mm
5	2,5 mm²	11,5 mm
6	4 mm²	11,5 mm
7	6 mm²	11,5 mm
8	10 mm²	11,5 mm



Werkzeuge für Crimptechnik HSK Serie/*Crimping tools HSK series*

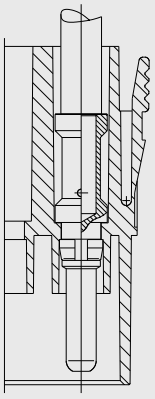
Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr. *Order No.*	Querschnitt mm² *Cross section mm²*
Crimpzange ohne Locator und Matrize ***Crimping tool** without locator and die*	RSZ.BAS	1-1105850-8	
Matrize ***die***	HSK.RSZ.LC 0,75-2,5 mm²	0-1102789-1	
	HSK.RSZ.LC 4-10 mm²	0-1102790-1	
Crimpzange ohne Locator ***Crimping tool** without locator*	Daniels Tool AFS	601967-1	
Locator hierzu ***Locator** for the tool*	Turnet	523168-7	1,5-10mm²
Ausdrückwerkzeug HSK ***Extraction tool HSK***	AWZG-HSK-RSZ	0-1102855-8	alle Querschnitte *all cross sections*
Eindrückwerkzeug/*Insertion tool*	EWZG-RSZ	0-1102855-6	

Crimpkontakte HSM Serie/*Crimp contacts HSM series* 40A

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr. *Order No.*	Maße mm² *Dimensions mm²*
 Stiftkontakt/*Pin contact*  Werkstoff: Kupferlegierung Oberfläche: - hartversilbert - hartvergoldet Durchgangswiderstand: ≤ 3 mΩ Crimpanschluss: - mm² 0,75 - 10,0 mm² - AWG 20 - 6	Stiftkontakt versilbert *Pin contact silver plated* 	1-1105250-1 2-1105250-1 3-1105250-1 4-1105250-1 5-1105250-1 6-1105250-1	0,75-1 1,5 2,5 4 6 10
 Buchsenkontakt/*Socket contact*  *Material: Copper alloy* *Finish:* *- hard silver* *- hard gold* *Contact resistance:* ≤ 3 mΩ *Crimp terminal :* - mm² 0,75 - 10,0 mm² - AWG 20 - 6	Buchsenkontakt versilbert *Socket contact silver plated* 	1-1105251-1 2-1105251-1 3-1105251-1 4-1105251-1 5-1105251-1 6-1105251-1	0,75-1 1,5 2,5 4 6 10

HSM – Gedrehte Crimpkontakte/*Screw machined crimp contacts*
Querschnittskennzeichnung/*Designation of cross section*

Kennzeichnung *Designation*	Leiterquerschnitt *Wire cross section*	Abisolierlänge der Litze *Stripping length*
3	0,75 mm²	10 mm
4	1,5 mm²	10 mm
5	2,5 mm²	10 mm
6	4 mm²	10 mm
7	6 mm²	10 mm
8	10 mm²	10 mm



Werkzeuge für Crimptechnik HSM Serie/*Crimping tools HSM series*

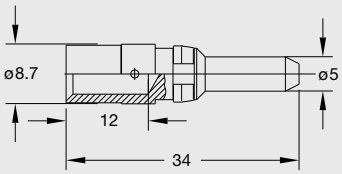
Bezeichnung *Description*		Bestelltext *Designation*	Bestell-Nr. *Order No.*	Querschnitt mm² *Cross section mm²*
Crimpzange ohne Locator und Matrize ***Crimping tool** without locator and die*		RSZ.BAS	1-1105850-8	
Matrize für HSM-Kontakte ***die** for HSM-contacts*		HSM.RSZ.LC 0,75-2,5 mm² HSM.RSZ.LC 4-10 mm²	1-1105870-8 2-1105870-8	
Ausdrückwerkzeug HSM ***Extraction tool HSM***		AWZG-HSM-RSZ	0-1102855-4	alle Querschnitte *all cross sections*
Eindrückwerkzeug/*Insertion tool*		EWZG-RSZ	0-1102855-6	

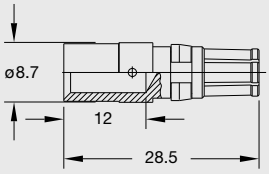
Crimpkontakte HSS Serie/*Crimp contacts HSS series* 63A

Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr.** *Order No.*	**Maße mm²** *Dimensions mm²*
	Stiftkontakt versilbert *Pin contact silver plated*		
		3-1105150-1	6,0
		4-1105150-1	10
		5-1105150-1	16
	Stiftkontakt vergoldet *Pin contact gold plated*		
		3-1105150-2	6,0
		4-1105150-2	10
		5-1105150-2	16
	Buchsenkontakt versilbert *Socket contact silver plated*		
		3-1105151-1	6,0
		4-1105151-1	10
		5-1105151-1	16
	Buchsenkontaktvergoldet *Socket contact gold plated*		
		3-1105151-2	6,0
		4-1105151-2	10
		5-1105151-2	16

Stiftkontakt/*Pin contact*

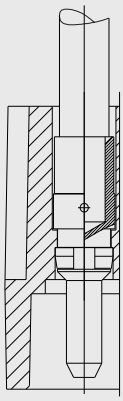
Buchsenkontakt/*Socket contact*





Werkstoff: Kupferlegierung
Oberfläche:
- hartversilbert, 2,5 - 16 mm²
- hartvergoldet, 6 - 16 mm²
Durchgangswiderstand: ≤ 1 mΩ
Crimpanschluss:
- mm² 2,5 - 16 mm²
- AWG 14 - 4

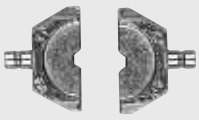
Material: Copper alloy
Finish:
- *hard silver,* 2,5 - 16 mm²
- *hard gold,* 6 - 16 mm²
Contact resistance: ≤ 1 mΩ
Crimp terminal :
- mm² 2,5 - 16 mm²
- AWG 14 - 4



HSS – Gedrehte Crimpkontakte/*Screw machined crimp contacts*
Querschnittskennzeichnung/*Designation of cross section*

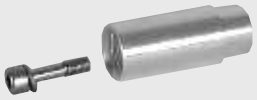
Kennzeichnung *Designation*	Leiterquerschnitt *Wire cross section*	Abisolierlänge der Litze *Stripping length*
	6,0 mm²	12 mm
	10 mm²	12 mm
	16 mm²	12 mm

Werkzeuge für Crimptechnik HSS Serie/*Crimping tools HSS series*

Bezeichnung *Description*		**Bestelltext** *Designation*	**Bestell-Nr.** *Order No.*	**Querschnitt mm²** *Cross section mm²*
Crimpzange ohne Crimpbacken ***Crimping tool** without crimping jaws*		HSS-CSZ.2,5-70mm²	1-1105653-8	2,5-70mm²
Crimpbacken für HSM, HSL, HSS ***Crimping jaws** for HSM, HSL, HSS*		CB-HSS-CSZ.6mm² CB-HSS-CSZ.10mm² CB-HSS-CSZ.16mm²	2-1105653-8 3-1105653-8 4-1105653-8	2,5-16mm²
Crimpzange ohne Locator und Matrize ***Crimping tool** without locator and die*		RSZ.BAS	1-1105850-8	
Locator ***Locator***		RSZ.LC 6+25 mm² RSZ.LC 10+16 mm²	1-1105652-8 2-1105652-8	6+25mm² 10+16mm²
Ausdrückwerkzeug HSS/AIR ***Extraction tool** HSS/AIR*		AWZG-HSS-RSZ	0-1102855-5	alle Querschnitte all cross sections

Crimphülsen max. 150 A/*Crimping sleeves max. 150 A*

Crimphülsen für Kontaktserie HF-06/*Crimping sleeves for contact series HF-06*

Bezeichnung *Description*		Bestelltext *Designation*	Bestell-Nr. *Order No.*
Crimphülsen für Stift-/Buchsenseite - Schrumpfschlauch - Crimphülse *Crimp barrel for pin-/socket side* *- shrink tube* *- crimp barrel*		CH.06mm²-SW17 CH.10mm²-SW17 CH.16mm²-SW17 CH.25mm²-SW17 CH.35mm²-SW17 CH.50mm²-SW17 CH.70mm²-SW17	0-1110952-1 0-1110952-2 0-1110952-3 0-1110952-5 0-1110952-7 0-1110952-9 1-1110952-0
		HF.06.Sti.	0-1110948-1
		HF.06.Bu.	0-1110949-1

Crimphülsen max. 350 A/*Crimping sleeves max. 350 A*

Crimphülsen für Kontaktserie HF-13/*Crimping sleeves for contact series HF-13*

Crimphülsen für Stift-/Buchsenseite bestehend aus - Schrumpfschlauch - Crimphülse - Adapter *Crimp barrel for pin-/socket side* *- shrink tube* *- crimp barrel* *- adapter*		CH.50mm²-13/16mm CH.70mm²-13/16mm CH.95mm²-13/16mm CH.105mm²-13/16mm CH.120mm²-13/16mm CH.150mm²-13/16mm	0-1110953-5 0-1110953-6 0-1110953-7 0-1110953-8 0-1110953-9 1-1110953-1

Passendes Verarbeitungswerkzeug/*suitable tools*

Crimpzange ohne Crimpbacken ***Crimping tool** without crimping jaws*		HSS-CSZ.2,5-70mm²	1-1105653-8
Crimpbacken für HSL, HSS ***Crimping jaws for HSL, HSS***		CB-HSS-CSZ.6mm² CB-HSS-CSZ.10mm² CB-HSS-CSZ.16mm² CB-HSS-CSZ.25mm² CB-HSS-CSZ.35mm² CB-HSS-CSZ.50mm² CB-HSS-CSZ.70mm²	2-1105653-8 3-1105653-8 4-1105653-8 5-1105653-8 6-1105653-8 7-1105653-8 8-1105653-8
Hydraulische Crimpzange ***Hydraulic Crimping tool***		CZ-HF.60.M	0-1110956-1
Presseinsätze ***dies***		SET-50-150mm² 150mm²-KZ22 120mm²-KZ20 95mm²-KZ18 70mm²-KZ16 50mm²-KZ14	0-1110956-7 0-1110956-6 0-1110956-5 0-1110956-4 0-1110956-3 0-1110956-2

Koax-Kontakte/*Coax-contacts*

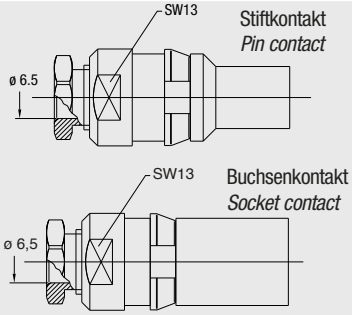
Koax-Kontakte RG58/RG59		***Coax-contacts RG58/RG59***	
Wellenimpedanz	50 Ω / 75 Ω	*Wave impedance*	*50 Ω / 75 Ω*
spezifischer Widerstand	max. 2mΩ	*Specific resistance*	*max. 2m(*
Ziehkraft	min. 1N	*Unmating force*	*min. 1N*
Zugfestigkeit	min. 50N	*Tensile strength*	*min. 50N*
Spannungsfestigkeit	1000VAC über 1min	*Dielectric withstanding voltage*	*1000VAC over/during? 1min*
Isolationswiderstand	200 mΩ nach 1min Betrieb	*Insulation resistance*	*200 mΩ after 1min operation*
Steckkraft	max. 1,5N	*Mating force*	*max. 1,5N*
Werkstoff	Kupferlegierung	*Material*	*copper alloy*
Kontaktoberfläche	vergoldet	*contact surface*	*gold-plated*
Druckhülsenoberfläche	versilbert	*Ferrule surface*	*silver-plated*
Crimpanschluß		*Crimp termination*	

Bezeichnung *Description*		**Bestelltext** *Designation*	**Bestell-Nr./** *Order No.* **Stifteinsatz** *Male insert*	**Buchseneinsatz** *Female insert*
Koax Crimpkontakte/*Coax Crimp tcontacts*	Stiftkontakt *Pin contact*	KX-RG.58.Sti	1-1105350-1	
		KX-RG.59.Sti	2-1105350-1	
	Buchsenkontakt *Socket contact*	KX-RG.58.Bu		1-1105351-1
		KX-RG.59.Bu		2-1105351-1

Koax-Kontakte		***Coax-contacts***	
Wellenimpedanz	75 Ω	*Wave impedance*	*75 Ω*
Anschlußart		*Type of termination*	
Innenleiter	Löt	*internal conductor*	*solder*
Außenleiter	Klemm	*outside conductor*	*clamp*
Kabeldurchmesser		*Dimensions of the wire*	
Innenleiter	0,8/1,44/2,8	*internal conductor*	*0,8/1,44/2,8*
Außenleiter	6,1/10,0/10,7	*outside conductor*	*6,1/10,0/10,7*

Kabelabmasse *Cable measures*	Innen ø *Inner ø*	Schirm ø *Braid ø*	Außen ø *Outer ø*
KX.RG.58	0,81	2,95	4,95
KX.RG.59	0,64	3,71	6,15
KX.VT.0,8/3,5	0,8	3,5	6,1
KX.VT.1,4/6,3	1,4	6,3	10,0
KX.VT.3,0/7,3	3,0	7,3	10,8

Bezeichnung *Description*		**Bestelltext** *Designation*	**Bestell-Nr./** *Order No.* **Stifteinsatz** *Male insert*	**Buchseneinsatz** *Female insert*
Koax Crimpkontakte/*Coax Crimp tcontacts*	Stiftkontakt *Pin contact*	KX.VT.Sti.0,8/3,5/6,1	0-1108600-1	
		KX.VT.Sti.1,4/6,3/10,0	0-1108628-1	
		KX.VT.Sti.3,0/7,3/10,8	0-1108616-1	
	Buchsenkontakt *Socket contact*	KX.VT.Bu.0,8/3,5/6,1		0-1108601-1
		KX.VT.Bu.1,4/6,3/10,0		0-1108629-1
		KX.VT.Bu.3,0/7,3/10,8		0-1108617-1

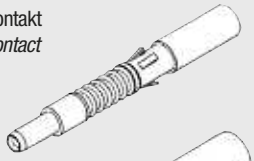
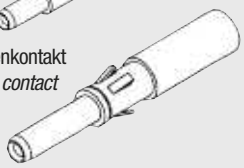
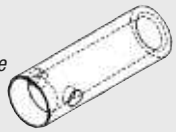


Werkzeuge für Crimptechnik Koax/*Crimping tools Coax*

Bezeichnung *Description*		**Bestelltext** *Designation*	**Bestell-Nr./** *Order No.*	**Maße mm²** *Dimensions mm²*
Crimpzange Koax/*Crimping tool Coax*		KX-CZ.58	0-0045740-2	
Crimpzange Koax/*Crimping tool Coax*		KX-CZ.59 +Matrize/Die	69710-1 69675-1	
Ausdrückwerkzeug KX RG 58/59 *Extraction tool KX RG 58/59*		KX-AWZG.58/59	0-0305183-8	
Ausdrückwerkzeug KX-VT *Extraction tool KX-VT*		KX-VT-AWZG	1-1105752-8	

Kontakte (Optik) HD-LWL Serie/*Contacts (Optics) HD-LWL series*

LWL-Kontakte (Optik)		***LWL-contacts (optics)***	
Kontakt-Werkstoff Ms,	verzinnt und rostfreier Stahl	*Contact-material Ms,*	*tin-plated and stainless steel*
Zentrierhülse-Werkstoff	Thermoplast	*Material of centering ferrule*	*thermoplastics*
Zusammenstellung:	kurzer Kontakt mit Zentrierhülse langer Kontakt	*assembly:*	*short contact with centering ferrule* *long contact*
Einfügungsdämpfung	<2dB	*insertion loss*	*<2dB*
Steckhäufigkeit	50 Zyklen	*mating frequency*	*50 cycles*
Betriebstemperatur	-20°C - +80°C	*Operating temperature*	*-20°C - +80°C*
Kabelhaltekraft im Kontakt [N]	min 30	*holding power of the cable in the contact [N]*	*min 30*
Kontakthaltekraft im Modul	min 40	*contact retention force in the module*	*min 40*
Leitungstype 1mm Plastik-Lichtwellenleiter mit 2,2mm Mantel Crimpanschluß		*cable type 1mm plastic-fiber optics with 2,2mm sleeve Crimp connection*	

Bezeichnung ***Description***		**Zentrierhülse** ***Alignment sleeve***	**Stifteinsatz** ***Male insert***	**Buchseneinsatz** ***Female insert***
Stiftkontakt *Pin contact*			0-0216341-1	
Buchsenkontakt mit Zentrierhülse *Socket contact with alignment sleeve*				0-0216342-1
Zentrierhülse für kurzen Kontakt *Alignment sleeve for short contact*				
Stiftkontakt *Pin contact*				
Buchsenkontakt *Socket contact*				
Zentrierhülse *Alignment sleeve*		0-1102921-1		

Werkzeuge für Crimptechnik Koax/*Crimping tools Coax*

Bezeichnung ***Description***		**Bestelltext** ***Designation***	**Bestell-Nr./** ***Order No.***	**Maße mm²** ***Dimensions mm²***
Crimpzange/*Crimping tool*		Crimpzange	0-0090364-2	
Faserstripper/*Cable stripper*		Faserstripper	0-0501198-1	
Schneidlehre o. Abb./*Cutting gauge*		Schneidlehre	0-0100281-1	
Rückschmelzofen/*Hot melting Unit*		Rückschmelzofen	0-0734423-1	
Schmelzlehre lange Kontakte/*Melting gauge long contact*		Schmelzlehre lange Kontakte	0-0100606-2	
Schmelzlehre kurze Kontakte/*Melting gauge short contact*		Schmelzlehre kurze Kontakte	0-0100281-2	
Ausdrückwerkzeug HD/*Extraction tool HD*		AWZG-HD.M-RSZ	0-1102855-1	
Eindrückwerkzeug/*Insertion tool*		EWZG-RZS	0-1102855-6	

HA.3/HA.4 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 1*

Schraubanschluss

Screw terminal

Kontaktzahlen
No. of contacts

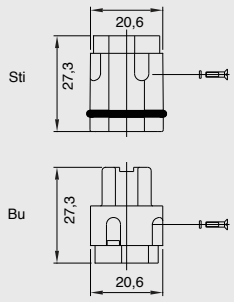
3/4 + ⏚

250 V/10 A

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	 Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*			
HA.3 Kontakteinsätze/*Contact inserts*			
Schraubanschluss/*Screw terminal*			
	HA.3.Sti.S	1-1103400-1	
	HA.3.Bu.S		1-1103401-1
HA.4 Kontakteinsätze/*Contact inserts*			
Schraubanschluss/*Screw terminal*			
	HA.4.Sti.S	1-1103402-1	
	HA.4.Bu.S		1-1103403-1

HA.3

Maßbild mm/*Dimensions mm*

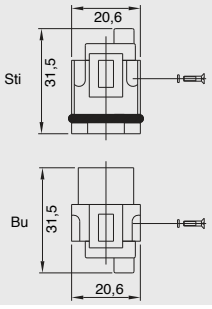


Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert

Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert

HA.4

Maßbild mm/*Dimensions mm*



Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert

Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert

HE-Q.5 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 1*

Crimpanschluss für gedrehte HE Crimpkontakte

Kontaktzahlen
No. of contacts

Crimp terminal for screw machined HE crimp contacts

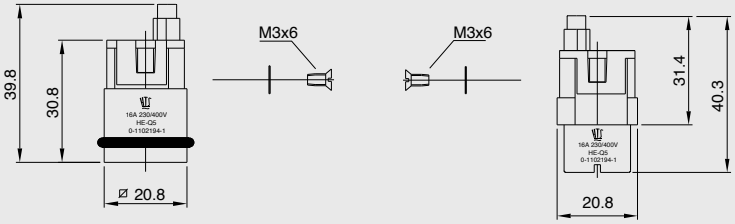
5 + ⏚

400 V/16 A

Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*	HE-Q.5.Sti.C	0-1102195-1	
Buchseneinsatz/*Female insert*	HE-Q.5.Bu.C		0-1102194-1
Crimpanschluss/*Crimp terminal*			

Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

Maßbild mm
Dimensions mm



Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert

Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert

HN.D.7/HN.D.8 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 1*

Crimpanschluss für gedrehte HN.D Crimpkontakte

Crimp terminal for screw machined HN.D crimp contacts

Kontaktzahlen
No. of contacts

7/8 + ⏚

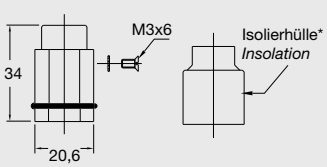
250 V/10 A / 42* V/10 A

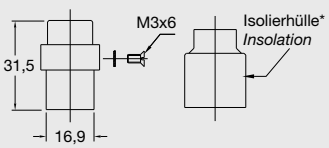
Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*			
Crimpanschluss/*Crimp terminal*			
	HN.D.7.Sti.C.250V HN.D.7.Sti.C.42V*	2-1103100-3 2-1103102-3	
Buchseneinsatz/*Female insert*			
	HN.D.7.Bu.C.250V HN.D.7.Bu.C.42V*		2-1103101-3 2-1103103-3
	HN.D.8.Sti.C.42V*	2-1103104-3	
	HN.D.8.Bu.C.42V*		2-1103105-3

*Einschränkung der Nennspannung (42 V) nur bei Verwendung von Metallgehäusen wie Serie HA.3. Bei Verwendung von Kunststoffgehäusen (Serie HD.7) beträgt die Nennspannung 250 V.
Limited nominal Voltage (42 V) only in combination with metal housing series as HA.3 series. When used with nylon housings (Seies HD.7) the rated voltage is 250 V.

Passende Crimpkontakte siehe Seite 34, Passende Crimpwerkzeuge siehe Seite 34
Suitable Crimp contacts see page 34, Suitable Crimping tools see page 34

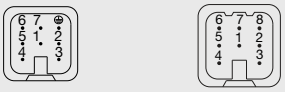
Maßbild mm
Dimensions mm



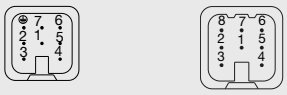


Isolierhülle nur für Variante 250V
Insolation only for 250V insert

Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert



Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert



HD.7 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 1*

Crimpanschluss für gestanzte HD.M Crimpkontakte

Kontaktzahlen
No. of contacts

Crimp terminal for stamped HD.M crimp contacts

7/8 + ⏚

250 V/10 A / 42V/10A

Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*			
Crimpanschluss/*Crimp terminal*			
	HD.7.Sti.C.250V HD.7.Sti.C.42V*	2-1103000-3 2-1103002-3	
Buchseneinsatz/*Female insert*			
	HD.7.Bu.C.250V HD.7.Bu.C.42V*		2-1103001-3 2-1103003-3
	HD.8.Sti.C.42V*	0-1102892-1	
	HD.8.Bu.C.42V*		0-1102893-1

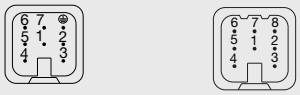
*Einschränkung der Nennspannung (42 V) nur bei Verwendung von Metallgehäusen wie Serie HA.3. Bei Verwendung von Kunststoffgehäusen (Serie HD.7) beträgt die Nennspannung 250 V.
Limited nominal Voltage (42 V) only in combination with metal housing series as HA.3 series. When used with nylon housings (Seies HD.7) the rated voltage is 250 V.

Passende Crimpkontakte siehe Seite 35, Passende Crimpwerkzeuge siehe Seite 35
Suitable Crimp contacts see page 35, Suitable Crimping tools see page 35

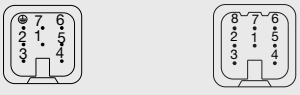
Maßbild mm
Dimensions mm

Isolierhülle nur für Variante 250V
Insolation only for 250V insert

Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert



Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert



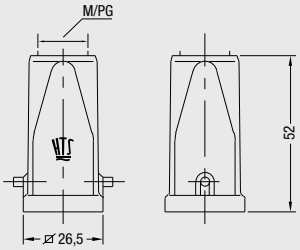
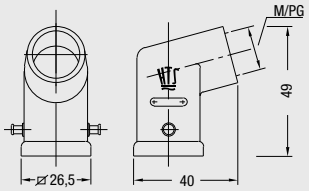
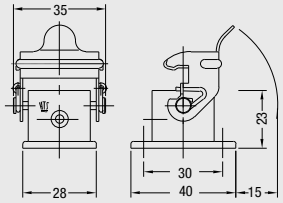
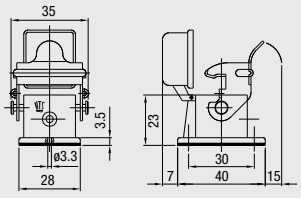
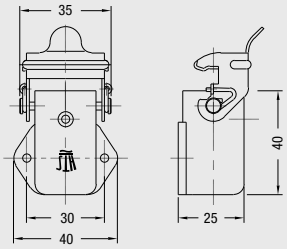
HA.3 Gehäuse/*Housings* — Baugröße/*Size 1*

Pulverbeschichtet, silbergrau

Powder-coated, silver-grey

***Zubehör siehe Seite 189**
****Accessories see page 189***

Längsbügel am Unterteil/*Side clip at housing bottom* — (IP 44) IP 65*

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Steckergehäuse: Kabeleingang oben ***Hood:*** *Top entry*				
 	M16	11	HA.3.STO.1.11.Z	1-1102101-7
	M16		HA.3.STO.1.M16.Z	0-1106405-1
	M20		HA.3.STO.1.M20.Z	0-1106405-3
			Mit Korrosionsschutz *With corrosion protection*	
	M16	11	HA-K.3.STO.1.11.Z	2-1102101-7
			HA-K.3.STO.1.M16G	0-1106405-2
Steckergehäuse: Kabeleingang seitlich ***Hood:*** *Side entry*				
 	M16	11	HA.3.STW.1.11.Z	1-1102103-7
	M16		HA.3.STW.1.M16.Z	0-1106406-1
	M20		HA.3.STW.1.M20.Z	0-1106406-3
Anbaugehäuse: Kabeleingang unten ***Surface mounted housing:*** *Bottom entry*				
  Montageausschnitt/*Panel cut-out 22 x22*			HA.3.AG-LB	1-1102105-2
			Mit Korrosionsschutz *With corrosion protection*	
			HA-K.3.AG-LB	2-1102105-2
Anbaugehäuse: Kabeleingang unten ***Surface mounted housing:*** *Bottom entry*				
  Montageausschnitt/*Panel cut-out 22 x22*			*HA.3.AGD-LB*	1-1102106-2
Winkel-Anbaugehäuse: Kabeleingang unten ***Surface mounted housing:*** *Bottom entry*				
  Montageausschnitt/*Panel cut-out ø 20*			*HA.3.AGW-LB*	1-1102107-2
			Mit Korrosionsschutz *With corrosion protection*	
			HA-K.3.AGW-LB	2-1102107-2

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

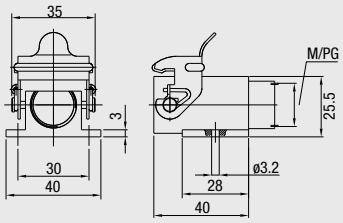
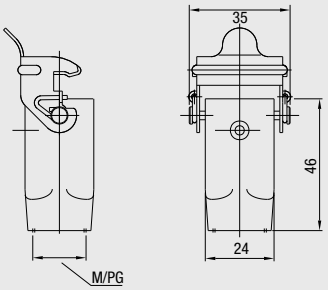
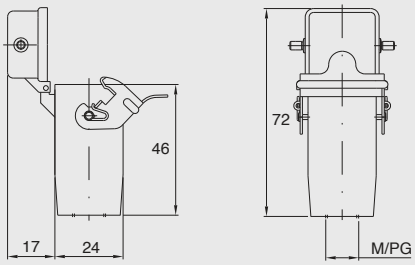
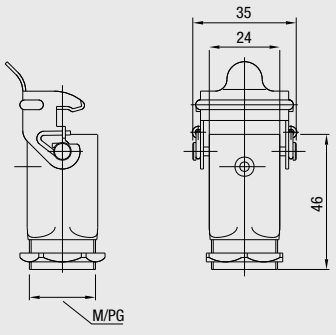
HA.3 Gehäuse/*Housings* — Baugröße/*Size 1*

Pulverbeschichtet, silbergrau

Powder-coated, silver-grey

*Zubehör siehe Seite 189
*Accessories see page 189

Längsbügel am Unterteil/*Side clip at housing bottom* — (IP 44) IP 65*

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Sockelgehäuse: Kabeleingang seitlich ***Surface mounted housing:*** *Side entry*				
 	M16 M20	11 11	HA.3.SG-LB.1.11.G HA.3.SG-LB.1.11.Z HA.3.SG-LB.1.M16.Z HA.3.SG-LB.1.M20.G	1-1102110-2 1-1102109-2 0-1106404-1 0-1106404-3
Kupplungsgehäuse: Kabeleingang unten ***Cable-to-cable hood:*** *Bottom entry*				
 	M16	11	HA.3.KDO-LB.1.11.Z HA.3.KDO-LB.1.M16.Z	1-1102112-2 0-1106403-1
Kupplungsgehäuse mit Deckel ***Cable-to-cable hood with cover***				
 		11	HA.3.KDOD-LB.1.11Z	1-1108759-2
Einschraubgehäuse: Kabeleingang unten ***Surface mounted housing:*** *Bottom entry*				
 	M20	16	HA.3.EG-LB/A.1.16.Z HA.3.EG-LB/M.1.20.Z	1-1102114-2 0-1102874-1

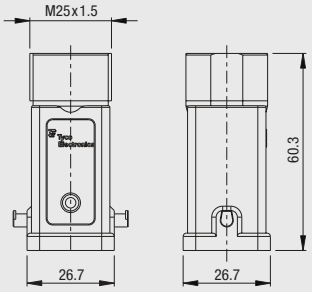
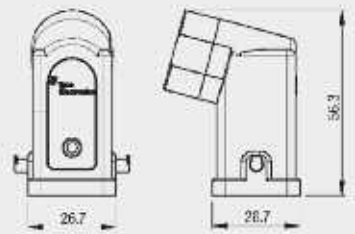
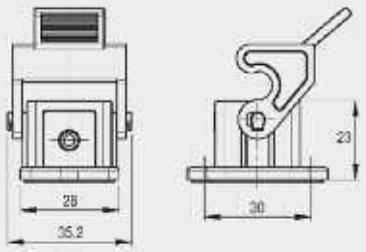
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HG-Q.5 Gehäuse/*Housings* — Baugröße/*Size 1*

Kunststoff, glasfaserverstärkt, weiß
BL = schwarz

Plastic, glass-fibre reinforced, white
BL = black

Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Steckergehäuse: Kabeleingang oben ***Hood:*** *Top entry*				
 	M25 M25		HG-Q.5.STO.1.M25 HG-Q.5.STO.1.M25.BL	0-1103169-1 0-1103169-2
Steckergehäuse: Kabeleingang seitlich ***Hood:*** *Side entry*				
 	M25 M25		HG-Q.5.STW.1.M25 HG-Q.5.STW.1.M25.BL	0-1103170-1 0-1103170-2
Anbaugehäuse: Kabeleingang unten ***Surface mounted housing:*** *Bottom entry*				
 			HG-Q.5.AG HG-Q.5.AG.BL	0-1103171-1 0-1103171-2

Montageausschnitt/*Panel cut-out 22 x22*

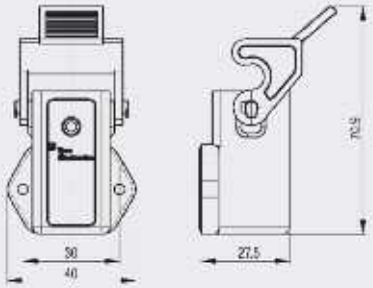
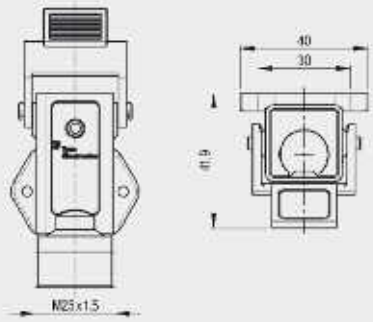
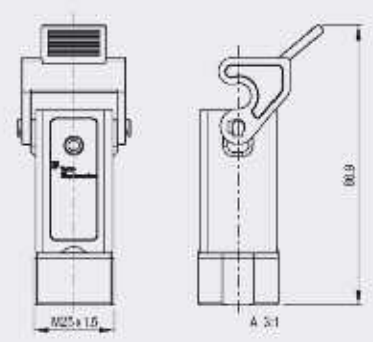
Passende Hut-Verschraubungen auf Seite 59/*Suitable gland fittings from page 59*

HG-Q.5 Gehäuse/*Housings* — Baugröße/*Size 1*

Kunststoff, glasfaserverstärkt, weiß
BL = schwarz

Plastic, glass-fibre reinforced, white
BL = black

Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Winkel-Anbaugehäuse: Kabeleingang unten ***Surface mounted housing:*** *Bottom entry*				
  Montageausschnitt/*Panel cut-out ø 20*			HG-Q.5.AGW HG-Q.5.AGW.BL	0-1103172-1 0-1103172-2
Sockelgehäuse: Kabeleingang seitlich ***Surface mounted housing:*** *Side entry*				
 	M25 M25		HG-Q.5.SG.1.M25 HG-Q.5.SG.1.M25.BL	0-1103173-1 0-1103173-2
Kupplungsgehäuse: Kabeleingang oben, Standard Bauform ***Cable-to-cable hood:*** *Top entry, Standard construction*				
 	M25 M25		HG-Q.5.KDO.1.M25 HG-Q.5KDO.1.M25.BL	0-1103174-1 0-1103174-2

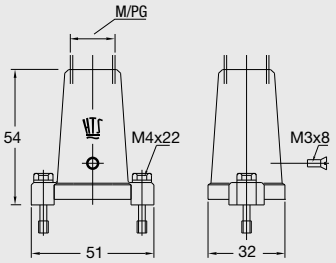
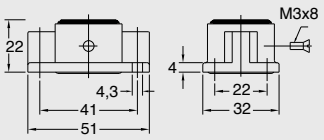
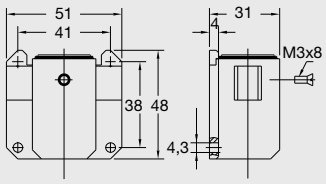
Passende Hut-Verschraubungen auf Seite 59/*Suitable gland fittings from page 59*

HIP.3/4, HIP-K.3/4, EMV-K.3/4 Gehäuse/*Housings* — Baugröße/*Size 1*

HIP: Druckdicht, silbergrau, HIP-K: Korrosionsgeschützt, schwarz
EMV-K: Schutz gegen elektromagnetische Beeinflussung, druckdicht, korrosionsgeschützt, schwarz

HIP: Pressure-tight, silver-grey, HIP-K: Housings corrosion-resistant, black
EMV-K: Protection against electro-magnetic interference, pressure-tight, housings corrosion-resistant, black

Schraubverriegelung am Oberteil/*Screw lock on hood* — IP 68

Bezeichnung / *Description*	Metr.	PG	Bestelltext / *Designation*	Bestell-Nr. / *Order No.*
Steckergehäuse: Kabeleingang oben ***Hood:*** *Top entry*				
 			**HIP**	
	M16	11	HIP.3/4.STO.1.11.G	1-1102600-5
			HIP.3/4.STO.1.M16.G	0-1106408-1
			HIP-K	
	M16	11	HIP-K.3/4.STO.1.11.G	2-1102600-5
			HIP-K.3/4.STO.1.M16.G	0-1106408-2
	M20		HIP-K.3/4.STO.1.M20.G	0-1106408-3
			EMV-K	
	M16	11	EMV-K.3/4.STO.1.11.G	4-1102700-5
			EMV-K.3/4.STO.1.M16.G	0-1106402-2
	M20		EMV-K.3/4.STO.1.M20.G	0-1106402-3
Anbaugehäuse: Kabeleingang unten ***Surface mounted housing:*** *Bottom entry*				
  Montageausschnitt/*Panel cut-out 21 x 21*			**HIP**	
			HIP.3/4.AG	1-1102603-5
			HIP-K	
			HIP-K.3/4.AG	2-1102603-5
			EMV-K	
			EMV-K.3/4.AG	4-1102703-5
Sockelgehäuse: Kabeleingang unten (durch Montageausschnitt) ***Surface mounted housing:*** *Bottom entry (by panel cut-out)*				
  Montageausschnitt/*Panel cut-out ø 20*			**HIP**	
			HIP.3/4.SGF	1-1102602-5
			HIP-K	
			HIP-K.3/4.SGF	2-1102602-5
			EMV-K	
			EMV-K.3/4.SGF	4-1102702-5

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

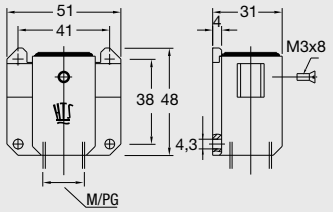
HIP.3/4, HIP-K.3/4, EMV-K.3/4 Gehäuse/*Housings* — Baugröße/*Size 1*

HIP: Druckdicht, silbergrau, HIP-K: Korrosionsgeschützt, schwarz
EMV-K: Schutz gegen elektromagnetische Beeinflussung, druckdicht, korrosionsgeschützt, schwarz

HIP: Pressure-tight, silver-grey, HIP-K: Housings corrosion-resistant, black
EMV-K: Protection against electro-magnetic interference, pressure-tight, housings corrosion-resistant, black

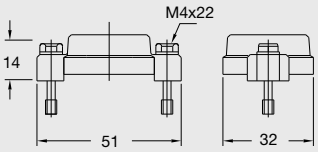
Schraubverriegelung am Oberteil/*Screw lock on hood* — IP 68

Sockelgehäuse: Kabeleingang seitlich
Surface mounted housing: *Side entry*



Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
			HIP	
		11	HIP.3/4.SG.1.11.G	1-1102601-5
	M16		HIP.3/4.SG.1.M16.G	0-1106407-1
	M20		HIP.3/4.SG.1.M20.G	0-1106401-4
			HIP-K	
		11	HIP-K.3/4.SG.1.11.G	2-1102601-5
	M16		HIP-K.3/4.SG.1.M16.G	0-1106407-2
			EMV-K	
		11	EMV-K.3/4.SG.1.11.G	4-1102701-5
	M16		EMV-K.3/4.SG.1.M16.G	0-1106401-2
	M20		EMV-K.3/4.SG.1.M20.G	0-1106401-3

Schutzkappe für Gehäuse-Unterteile
Protective covers for housings



			HIP/EMV	
			HIP/EMV.3/4.SKB	3-1106200-5
			HIP-K/EMV-K	
			HIP-K/EMV-K.3/4.SKB	4-1106200-5

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HG-Q Kontakteinsätze/*Contact inserts*

Baugröße/*Size Q*

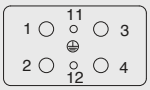
Kontaktzahlen
No. of contacts

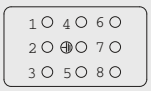
4/2 + ⏚	8 + ⏚	10
4 x 690 V/40A & 2 x 250 V/10A	8 x 500 V/16A	10 x 400 V/20A

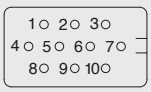
Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert* — Buchseneinsatz/*Female insert*			
Crimpanschluss/*Crimp terminal*			
 	HG-Q.4/2.Sti.C	0-1103095-1	
	HG-Q.4/2.Bu.C		0-1103096-1
Passende Crimpakontakte Power siehe Seite 39, passende Crimpakontakte Signal siehe Seite 34 *Suitable Crimp contacts power see page 39, suitable Crimp contacts signal see page 39*			
Crimpanschluss/*Crimp terminal*			
 	HG-Q.8.Sti.C	0-1103070-1	
	HG-Q.8.Bu.C		0-1103071-1
Passende Crimpakontakte siehe Seite 37/*Suitable Crimp contacts see page 37*			
Crimpanschluss/*Crimp terminal*			
 siehe auch Seite 58 *see also page 58*	HG-Q.10 Housings	X-1103092-X	
 	HG-Q.10 Sti.C	0-1108808-1	
	HG-Q.10.Bu.C		0-1103091-1
Passende Crimpakontakte siehe Seite 36/*Suitable Crimp contacts see page 36*			

HE-Q.4/2 — HE-Q.8 — HE-Q.10

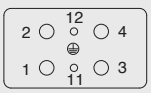
Kontaktanordnung Anschlußseite Stift/*Contact arrangement Male insert*

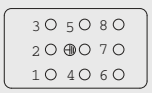


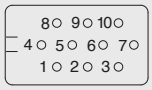




Kontaktanordnung Anschlußseite Buchse/*Contact arrangement Female insert*





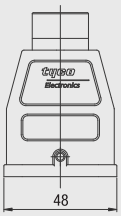
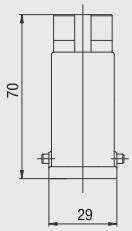
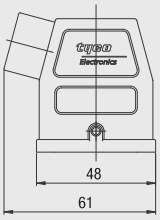
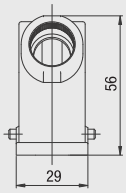
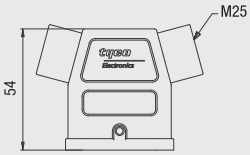
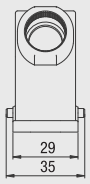


HG-Q Gehäuse/*Housings* — Baugröße/*Size Q*

Kunststoff, glasfaserverstärkt
EMV: Schutz gegen elektromagnetische Beeinflussung

Plastic glass-fibre reinforced
EMV: Protection against electro-magnetic interference

IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Steckergehäuse: Kabeleingang oben ***Hood:*** *Top entry*				
  	M25		HG-Q.STO.1.M25.Z	0-1103073-2
	M25		**EMV** HG-Q-EMV.STO.1.M25.Z	0-1103073-4
Steckergehäuse: Kabeleingang seitlich ***Hood:*** *Side entry*				
  	M25		HG-Q.STS.1.M25.Z	0-1103073-1
	M25		**EMV** HG-Q-EMV.STO.1.M25.Z	0-1103073-3
Steckergehäuse: Kabeleingang zweiseitig ***Hood:*** *both side entry*				
  	M25		HG-Q.STS.2.M25.Z	0-1103155-1
	M25		**EMV** HG-Q-EMV.STS.2.M25.Z	0-1103155-2

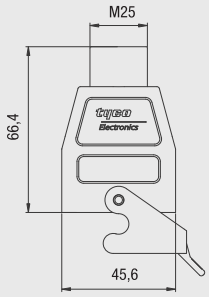
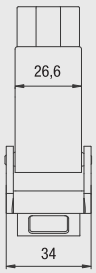
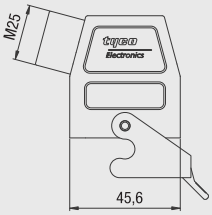
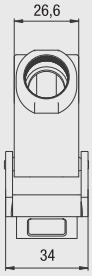
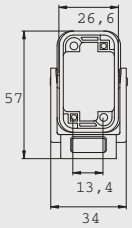
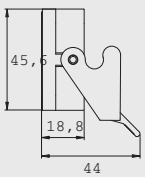
Passende Kabelverschraubungen Seite 59/*Suitable Cable fittings page 59*

HG-Q Gehäuse/*Housings* — Baugröße/*Size Q*

Kunststoff, glasfaserverstärkt
EMV: Schutz gegen elektromagnetische Beeinflussung

Plastic glass-fibre reinforced
EMV: Protection against electro-magnetic interference

IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Kupplungsgehäuse: Kabeleingang unten ***Cable-to-cable hood:*** *Bottom entry*				
  	M25		HG-Q.KDO-LB.1.M25.Z	0-1108795-1
	M25		**EMV** HG-Q-EMV.KDO-LB.1.M25.Z	0-1108795-3
Kupplungsgehäuse: Kabeleingang seitlich ***Cable-to-cable hood:*** *Side entry*				
  	M25		HG-Q.KDS-LB.1.M25.Z	0-1108795-2
	M25		**EMV** HG-Q-EMV.KDS-LB.1.M25.Z	0-1108795-4
Kupplungsgehäuse: Kabeleingang unten ***Surface mount housing:*** *Bottom entry*				
  			HG-Q.AG-LB	0-1103072-1
			EMV HG-Q-EMV.AG-LB	0-1103072-2

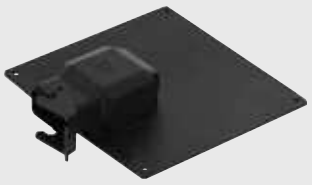
Passende Kabelverschraubungen Seite 59/*Suitable Cable fittings page 59*

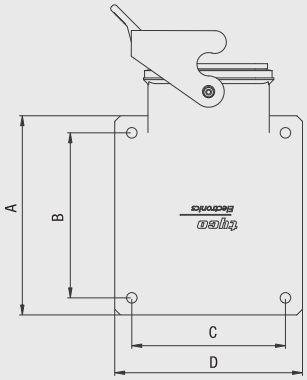
HG-Q.10 Motorgehäuse/*Motor housings* — Baugröße/*Size Q*

Kunststoff, glasfaserverstärkt
EMV: Schutz gegen elektromagnetische Beeinflussung

Plastic glass-fibre reinforced
EMV: Protection against electro-magnetic interference

400 V/20 A **IP 65**





Maße/*Dimensions* mm

PN	A	B	C	D
0–1, 0–8	**70**	**58**	**54**	**66**
0–2, 0–9	**70**	**60**	**60**	**70**
0–3, 1–0	**74**	**56**	**56**	**74**
0–4, 1–1	**75**	**64**	**64**	**75**
0–5, 1–2	**120**	**105**	**105**	**120**
0–6, 1–3	**140**	**125**	**125**	**140**
0–7, 1–4	**165**	**130**	**150**	**165**

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
			HG-Q.10.MC.1	0-1103092-1
			EMV HG-Q.10-EMV.MC.1	0-1103092-8
			HG-Q.10.MC.2	0-1103092-2
			EMV HG-Q.10-EMV.MC.2	0-1103092-9
			HG-Q.10.MC.3	0-1103092-3
			EMV HG-Q.10-EMV.MC.3	1-1103092-0
			HG-Q.10.MC.4	0-1103092-4
			EMV HG-Q.10-EMV.MC.4	1-1103092-1
			HG-Q.10.MC.5	0-1103092-5
			EMV HG-Q.10-EMV.MC.5	1-1103092-2
			HG-Q.10.MC.6	0-1103092-6
			EMV HG-Q.10-EMV.MC.6	1-1103092-3
			HG-Q.10.MC.7	0-1103092-7
			EMV HG-Q.10-EMV.MC.7	1-1103092-4

Passende Crimpkontakte Seite 36/*Suitable Crimp contacts page 36*

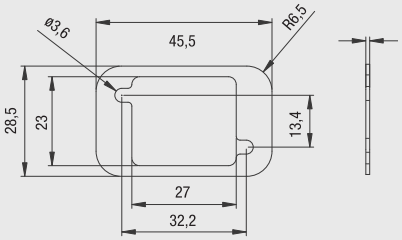
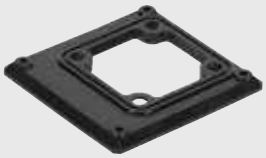
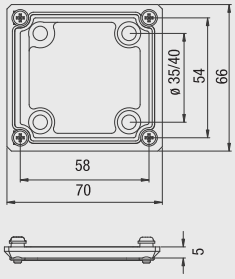
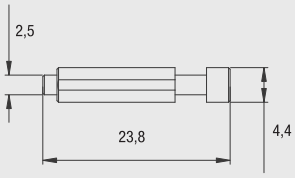
HG-Q Zubehör/*Accessories*

Baugröße/*Size Q*

Kunststoff, glasfaserverstärkt
EMV: Schutz gegen elektromagnetische Beeinflussung

Plastic glass-fibre reinforced
EMV: Protection against electro-magnetic interference

IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Flanschdichtung für HG-Q.8 Anbaugehäuse *Flange sealing for HG-Q.8 Surface Mount Housing*				
 			**Leitend / *Conductive***	
			HG-Q.FI-dicht-L	0-1108794-2
Adapterplatte für HG-Q.10, IP 65 aus Kunststoff *Adaptor flange for HG-Q.10, IP 65 plastic*				
 			HG-Q.10.FL.1	0-1103093-1
			HG-Q.10.FL.2	0-1103093-2
			EMV	
			HG-Q.10-EMV.FL.1	0-1103093-3
			HG-Q.10-EMV.FL.2	0-1103093-4
Hut-Verschraubung M, IP 68 aus Kunststoff *Gland fitting, IP 68 plastic*				
 Alle Hut-Verschraubungen werden mit schwarzen M25 Druckschrauben geliefert *All glands are supplied with a black M25 nut*				
Gelb/*Yellow*	M25		HG-Q.M25.6,5/4,0	0-1103074-1
Grau/*Grey*	M25		HG-Q.M25.8,0/5,0	0-1103074-2
Schwarz/*Black*	M25		HG-Q.M25.9,5/6,5	0-1103074-3
Grün/*Green*	M25		HG-Q.M25.10,5/7,0	0-1103074-4
Rot/*Red*	M25		HG-Q.M25.13,0/9,0	0-1103074-5
Weiß/*White*	M25		HG-Q.M25.15,5/11,5	0-1103074-6
Abdeckung für alle HG-Q Gehäuse/*Cover for all HG-Q housings*				
			Set-HG-Q.8.SKP	0-1108818-1
Sicherheitsstift für Q.5 und Q.8, HE, HEE *Coding pin for Q.5 and Q.8, HE, HEE*				
 			Sich-Stift.HVE.C	0-1110984-4

HA.10 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 2*

Schraubanschluss, Federzug-Anschluss,
Crimpanschluss für gedrehte HE/HA Crimpkontakte

Screw terminal, Spring Clamp terminal,
Crimp terminal for screw machined HE/HA crimp contacts

Kontaktzahlen
No. of contacts

10 + ⏚

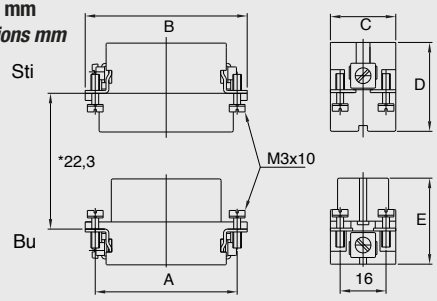
250 V/16A

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*			
Schraubanschluss/*Screw terminal*			
	HA.10.Sti.S.B1-10	1-1103414-1	
Buchseneinsatz/*Female insert*			
	HA.10.Bu.S.B1-10		1-1103415-1
Federzug-Anschluss/*Spring Clamp terminal*			
	HA.10.Sti.SC.B1-10	7-1103414-1	
	HA.10.Bu.SC.B1-10		7-1103415-1
Crimpanschluss/*Crimp terminal*			
	HA.10.Sti.C.B1-10	2-1103414-3	
	HA.10.Bu.C.B1-10		2-1103415-3

Maße/*Dimensions*	A	B	C	D	E
mm	**49,5**	**57**	**23**	**31**	**28**

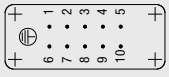
Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

Maßbild mm
Dimensions mm

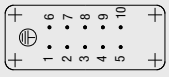


*Abstand für sichere Kontaktgabe max. 24 mm

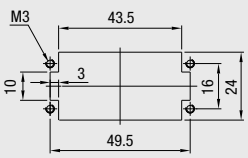
Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert



Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



HN.D.15 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 2*

Crimpanschluss für gedrehte HN.D Crimpkontakte

Kontaktzahlen
No. of contacts

Crimp terminal for screw machined HN.D crimp contacts

15 + ⏚

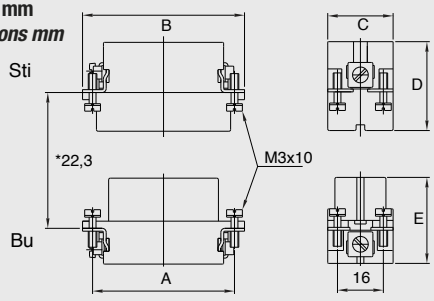
250 V/10 A

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*	HN.D.15.Sti.C	2-1103106-3	
Buchseneinsatz/*Female insert*	HN.D.15.Bu.C		2-1103107-3
Crimpanschluss/*Crimp terminal*			

Maße/*Dimensions*	A	B	C	D	E
mm	**49,5**	**57**	**23**	**35**	**35**

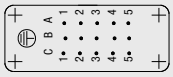
Passende Crimpkontakte siehe Seite 34, Passende Crimpwerkzeuge siehe Seite 34
Suitable Crimp contacts see page 34, Suitable Crimping tools see page 34

Maßbild mm
Dimensions mm

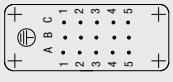


*Abstand für sichere Kontaktgabe max. 24 mm

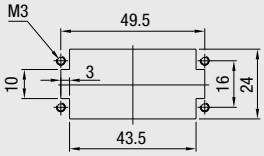
Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert



Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



HD.15 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 2*

Crimpanschluss für gestanzte HD.M Crimpkontakte

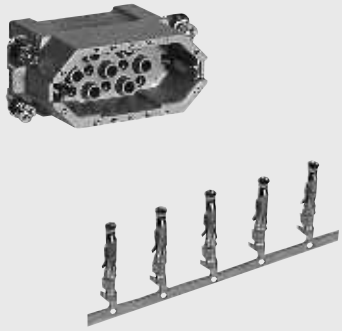
Kontaktzahlen
No. of contacts

Crimp terminal for stamped HD .Mcrimp contacts

15 + ⏚

250 V/10 A

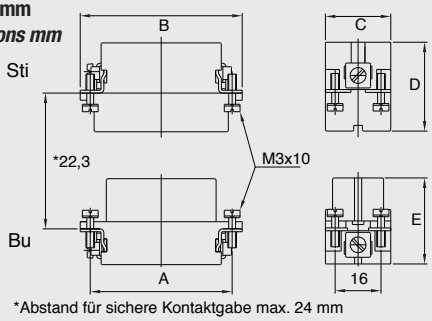
Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*	HD.15.Sti.C	2-1103004-3	
Buchseneinsatz/*Female insert*	HD.15.Bu.C		2-1103005-3
Crimpanschluss/*Crimp terminal*			



Maße/*Dimensions*	A	B	C	D	E
mm	**49,5**	**57**	**23**	**35**	**35**

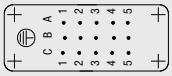
Passende Crimpkontakte siehe Seite 35, Passende Crimpwerkzeuge siehe Seite 35
Suitable Crimp contacts see page 35, Suitable Crimping tools see page 35

Maßbild mm
Dimensions mm

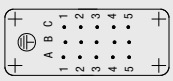


*Abstand für sichere Kontaktgabe max. 24 mm

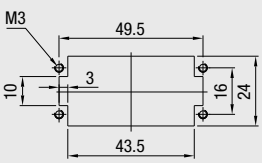
Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert



Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out

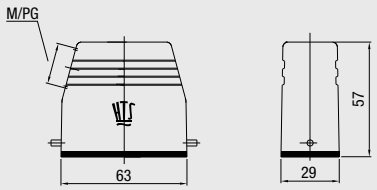
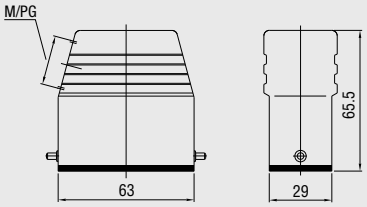
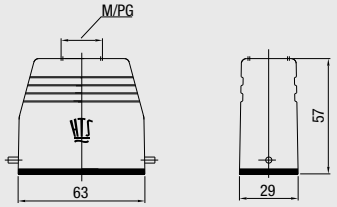
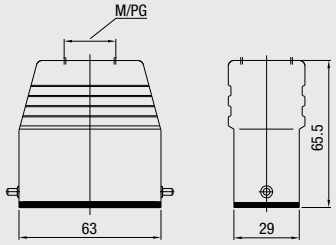


HA.10/HD.15 Gehäuse/*Housings* — Baugröße/*Size 2*

Pulverbeschichtet, silbergrau

Powder-coated, silver-grey

Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Steckergehäuse: Kabeleingang seitlich, Standard Bauform ***Hood:*** *Side entry, Standard construction*				
 	M20 M25	13 16	HA.10.STS.1.13.G HA.10.STS.1.16.G HA.10.STS.1.M.20.G HA.10.STS.1.M.25.G	0-1102599-3 1-1102117-7 0-1106411-2 0-1106411-6
Steckergehäuse: Kabeleingang seitlich, Hohe Bauform ***Hood:*** *Side entry, High construction*				
 	M25	16 21	HD.15.STS.1.16.G HD.15.STS.1.21.G HD.15.STS.1.M25.G	1-1102427-7 1-1102430-7 0-1106414-2
Steckergehäuse: Kabeleingang oben, Standard Bauform ***Hood:*** *Top entry, Standard construction*				
 	M20	16	HA.10.STO.1.16.G HA.10.STO.1.M.20.G	1-1102120-7 0-1106411-1
Steckergehäuse: Kabeleingang oben, Hohe Bauform ***Hood:*** *Top entry, High construction*				
 	M25	16 21	HD.15.STO.1.16.G HD.15.STO.1.21.G HD.15.STO.1.M.25.G	1-1102433-7 1-1102436-7 0-1106414-1

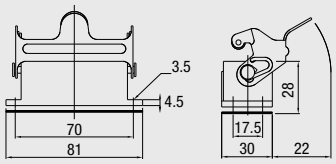
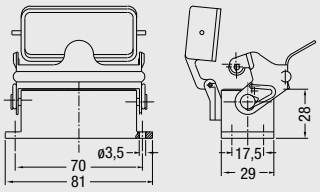
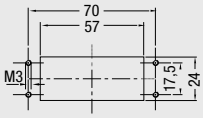
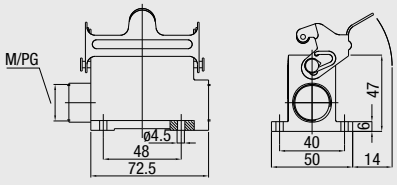
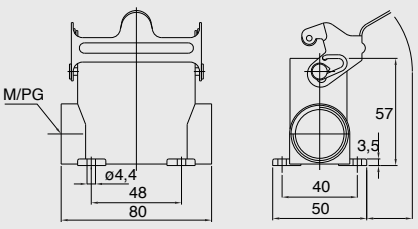
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HA.10/HD.15 Gehäuse/*Housings* — Baugröße/*Size 2*

Pulverbeschichtet, silbergrau

Powder-coated, silver-grey

Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*				
 			HA.10.AG-LB	1-1102121-2
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*				
  Montageausschnitt/*Panel cut-out* 			HA.10.AGD-LB	1-1102122-2
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*				
 	M20 2xM20	16 2x16	HA.10.SG-LB.1.16.Z HA.10.SG-LB.2.16.Z HA.10.SG-LB.1.M20.Z HA.10.SG-LB.2.M20.Z	1-1102124-2 1-1102126-2 0-1103057-1 0-1106410-2
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform ***Surface mounted housing:*** *Side entry, High construction*				
 	2xM25	16 21 2x16 2x21	HD.15.SG-LB.1.16.Z HD.15.SG-LB.1.21.Z HD.15.SG-LB.2.16.Z HD.15.SG-LB.2.21.Z HD.15.SG-LB.2.M25.Z	1-1102438-2 1-1102442-2 1-1102440-2 1-1102444-2 0-1106413-2

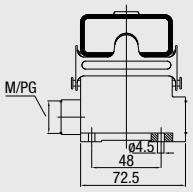
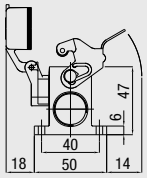
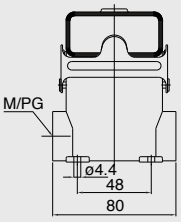
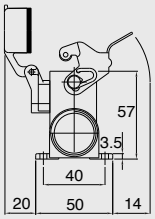
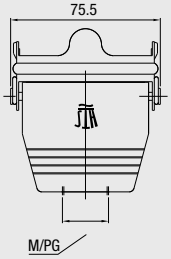
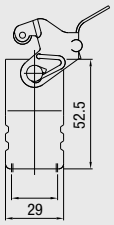
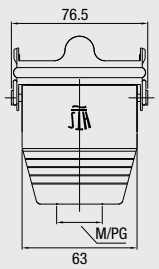
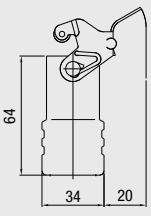
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HA.10/HD.15 Gehäuse/*Housings* — Baugröße/*Size 2*

Pulverbeschichtet, silbergrau

Powder-coated, silver-grey

Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*				
  	M20 2xM20	16 2x16	HA.10.SGD-LB.1.16.Z HA.10.SGD-LB.2.16.Z HA.10.SGD-LB.1.M20.Z HA.10.SGD-LB.2.M20.Z	1-1102128-2 1-1102130-2 0-1103057-2 0-1106410-1
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform ***Surface mounted housing:*** *Side entry, High construction*				
  	2xM25	16 21 2x16 2x21	HD.15.SGD-LB.1.16.Z HD.15.SGD-LB.1.21.Z HD.15.SGD-LB.2.16.Z HD.15.SGD-LB.2.21.Z HD.15.SGD-LB.2.M25.Z	1-1102446-2 1-1102450-2 1-1102448-2 1-1102452-2 0-1106413-1
Kupplungsgehäuse: Kabeleingang unten, Standard Bauform ***Cable-to-cable hood:*** *Bottom entry, Standard construction*				
  	M20	16	HA.10.KDO-LB.1.16.G HA.10.KDO-LB.1.M20.G	1-1102133-2 0-1106409-1
Kupplungsgehäuse: Kabeleingang unten, Hohe Bauform ***Cable-to-cable hood:*** *Bottom entry, High construction*				
  	M25	16 21	HD.15.KDO-LB.1.16.G HD.15.KDO-LB.1.21.G HD.15.KDO-LB.1.M25.G	1-1102455-2 1-1102458-2 0-1106412-1

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HE.6 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 3*

Schraubanschluss, Federzug-Anschluss,
Crimpanschluss für gedrehte HE/HA Crimpkontakte

Screw terminal, Spring Clamp terminal,
Crimp terminal for screw machined HE/HA crimp contacts

Kontaktzahlen
No. of contacts

6 + ⏚

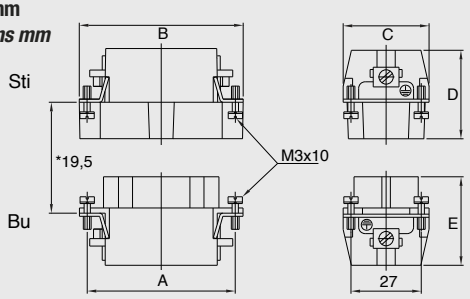
400 V/16 A

Bezeichnung *Description*		Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*	Buchseneinsatz/*Female insert*			
Schraubanschluss/*Screw terminal*				
		HE.6.Sti.S	1-1103634-1	
		HE.6.Bu.S		1-1103635-1
Federzug-Anschluss/*Spring Clamp terminal*				
		HE.6.Sti.SC	7-1103634-1	
		HE.6.Bu.SC		7-1103635-1
Crimpanschluss/*Crimp terminal*				
		HE.6.Sti.C	2-1103634-3	
		HE.6.Bu.C		2-1103635-3

Maße/*Dimensions*	A	B	C	D	E
mm	**44**	**52**	**33**	**34**	**35**

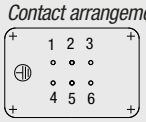
Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

Maßbild mm
Dimensions mm



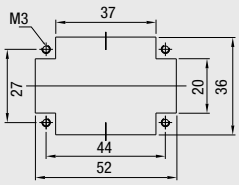
*Abstand für sichere Kontaktgabe max. 21 mm

Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert



Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert

Montageausschnitt
Panel cut-out



HEE.10 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 3*

Crimpanschluss für gedrehte HE Crimpkontakte

Crimp terminal for screw machined HE crimp contacts

Kontaktzahlen
No. of contacts

10 + ⏚

500 V/16 A

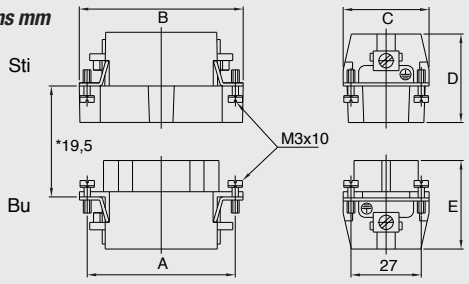
Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*			
Crimpanschluss/*Crimp terminal*			
	HEE.10.Sti.C	0-1102918-1	
	HEE.10.Sti.C.FS*	0-1102918-2	
Buchseneinsatz/*Female insert*			
	HEE.10.Bu.C		0-1102919-1
	HEE.10.Bu.C.FS*		0-1102919-2

*Kunststoff ist I2F1 qualifiziert nach NF-F 16-101, 102
Plastic is qualified I2F1 according NF-F 16-101, 102

Maße/*Dimensions*	A	B	C	D	E
mm	**44**	**51**	**33**	**34**	**37**

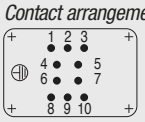
Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

Maßbild mm
Dimensions mm

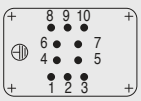


*Abstand für sichere Kontaktgabe max. 21 mm

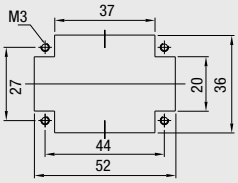
Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert



Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



HVT.8 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 3*

Crimpanschluss für gedrehte HVT Crimpkontakte

Kontaktzahlen
No. of contacts

Crimp terminal for screw machined HVT crimp contacts

8 + ⏚

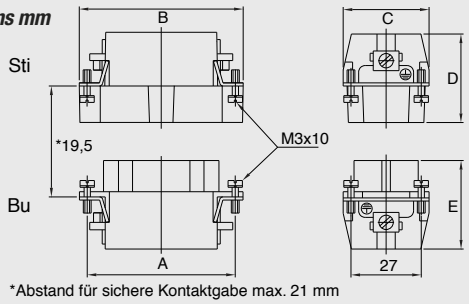
400 V/16 A

Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*			
Crimpanschluss/*Crimp terminal*			
	HVT.8.Sti.C	2-1104000-3	
Buchseneinsatz/*Female insert*			
	HVT.8.Bu.C		2-1104002-3

Maße/*Dimensions*	A	B	C	D	E
mm	**44**	**51**	**33**	**35**	**40**

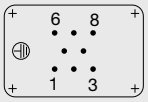
Passende Crimpkontakte siehe Seite 38, Passende Crimpwerkzeuge siehe Seite 38
Suitable Crimp contacts see page 38, Suitable Crimping tools see page 38

Maßbild mm
Dimensions mm

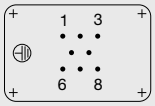


*Abstand für sichere Kontaktgabe max. 21 mm

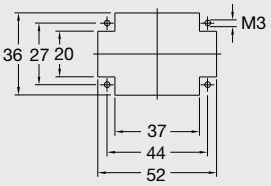
Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert



Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



HD.16 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 3*

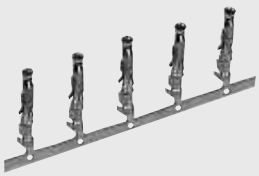
Crimpanschluss für gestanzte HD.M Crimpkontakte

Kontaktzahlen
No. of contacts

Crimp terminal for stamped HD.M crimp contacts

16 + ⏚

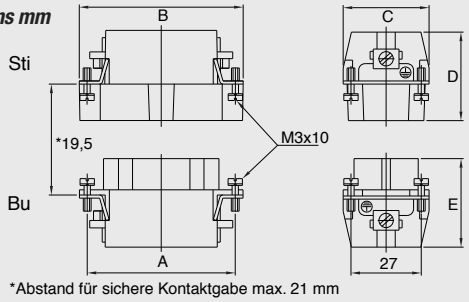
250 V/10 A

Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*			
Crimpanschluss/*Crimp terminal*			
	HD.16.Sti.C	2-1103006-3	
	HD.16.Bu.C		2-1103007-3
			

Maße/*Dimensions*	A	B	C	D	E
mm	**44**	**51**	**33**	**35**	**35**

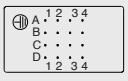
Passende Crimpkontakte siehe Seite 35, Passende Crimpwerkzeuge siehe Seite 35
Suitable Crimp contacts see page 35, Suitable Crimping tools see page 35

Maßbild mm
Dimensions mm

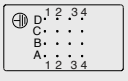


*Abstand für sichere Kontaktgabe max. 21 mm

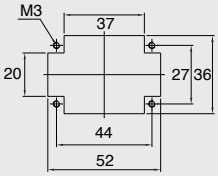
Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert



Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



HN.2D.24 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 3*

Crimpanschluss für gedrehte HN.D Crimpkontakte

Kontaktzahlen
No. of contacts

Crimp terminal for screw machined HN.D crimp contacts

24 + ⏚

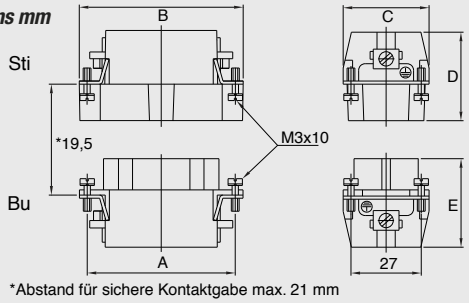
250 V/10 A

Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*			
Crimpanschluss/*Crimp terminal*			
	HN.2D.24.Sti.C	2-1103200-3	
Buchseneinsatz/*Female insert*			
	HN.2D.24.Bu.C		2-1103202-3
			

Maße/*Dimensions*	A	B	C	D	E
mm	**44**	**55**	**34**	**36,5**	**37**

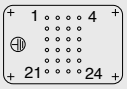
Passende Crimpkontakte siehe Seite 34, Passende Crimpwerkzeuge siehe Seite 34
Suitable Crimp contacts see page 34, Suitable Crimping tools see page 34

Maßbild mm
Dimensions mm

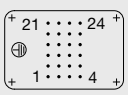


*Abstand für sichere Kontaktgabe max. 21 mm

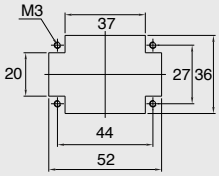
Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert



Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



HSK 4+2 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 3*

Schraubanschluss

Screw terminal

Kontaktzahlen
No. of contacts

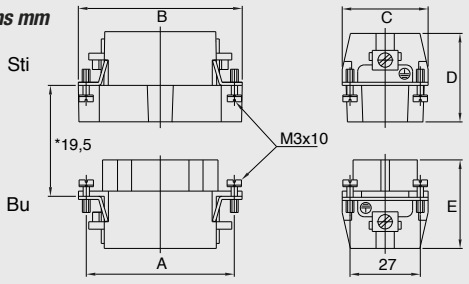
4 + 2 + ⏚

500V/40A + 400 V/16 A

Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*			
Schraubanschluss/*Screw termination*	HSK.4+2.Bu.S		0-1103084-1
Buchseneinsatz/*Female insert*	HSK.4+2.Sti.S	0-1103085-1	

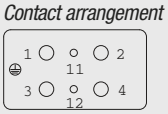
Maße/*Dimensions*	A	B	C	D	E
mm	**44**	**55**	**34**	**36,5**	**37**

Maßbild mm
Dimensions mm

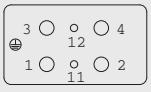


*Abstand für sichere Kontaktgabe max. 21 mm

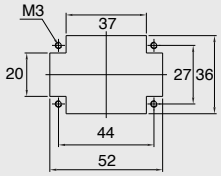
Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert



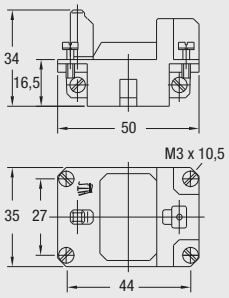
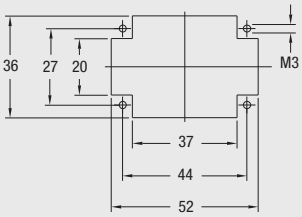
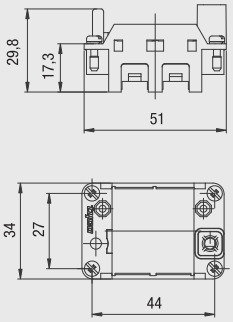
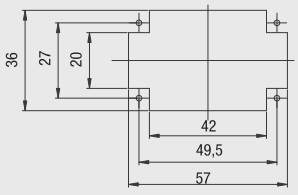
Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



Modul Halterahmen/*Module Fixing Frame* — Baugröße/*Size 3*

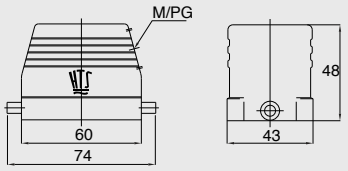
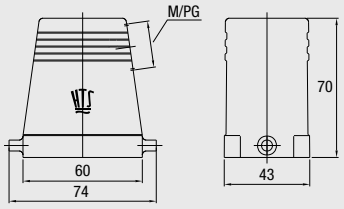
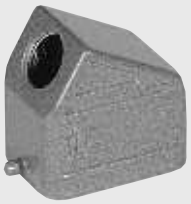
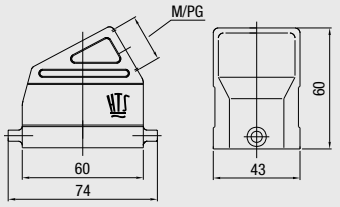
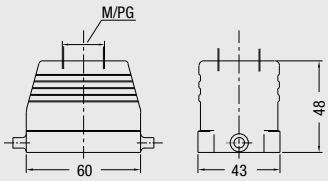
Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Oberteil *Top part*	 Unterteil *Bottom part*
Halterahmen/*Fixing frame*  Für Modul MDL Seite 194–203 *For module MDL page 194–203*  Montageausschnitt/*Panel cut-out* 	MDL2-GR.O/U-3	0-1108784-1	0-1108784-1
Halterahmen/*Fixing frame*  Für Modul HVS Seite 204–212 *For module HVS page 204–212*  Montageausschnitt/*Panel cut-out* 	HVS-R.O 1-2 HVS-R.U 1-2	0-1103250-7	0-1103250-8

HB.6, HB-K.6, HD.16, HD-K.16 Gehäuse/*Housings* — Baugröße/*Size 3*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Steckergehäuse: Kabeleingang seitlich, Standard Bauform ***Hood:*** *Side entry, Standard construction*				
 		16	HB.6.STS.1.16.G	1-1102240-7
	M16		HB.6.STS.1.M16.G	0-1106419-8
	M20		HB.6.STS.1.M20.G	0-1106419-7
	M25		HB.6.STS.1.M25.G	0-1106419-2
			Mit Korrosionsschutz *With corrosion protection*	
		13	HB-K.6.STS.1.13.G	0-1108573-5
		16	HB-K.6.STS.1.16.G	2-1102240-7
	M25		HB-K.6.STS.1.M25.G	0-1106419-4
Steckergehäuse: Kabeleingang seitlich, Hohe Bauform ***Hood:*** *Side entry, High construction*				
 		21	HD.16.STS.1.21.G	1-1102461-7
	M25		HD.16.STS.1.M25.G	0-1102769-1
	M32		HD.16.STS.1.M32.G	0-1106423-2
			Mit Korrosionsschutz *With corrosion protection*	
		21	HD-K.16.STS.1.21.G	2-1102461-7
	M32		HD-K.16.STS.1.M32.G	0-1106423-4
Steckergehäuse: Kabeleingang seitlich, Keilform ***Hood:*** *Side entry, Standard construction*				
 		16	HB-KF.6.STS.1.16.G	1-1102205-7
	M25		HB-KF.6.STS.1.M25.G	0-1106420-1
			Mit Korrosionsschutz *With corrosion protection*	
		16	HB-KF/K.6.STS.1.16.G	2-1102205-7
	M25		HB-KF/K.6.STS.1.M25.G	0-1102899-1
Steckergehäuse: Kabeleingang oben, Standard Bauform ***Hood:*** *Top entry, Standard construction*				
 		13	HB.6.STO.1.13.G	0-1102064-1
		16	HB.6.STO.1.16.G	1-1102243-7
	M25		HB.6.STO.1.M25.G	0-1106419-1
			Mit Korrosionsschutz *With corrosion protection*	
		16	HB-K.6.STO.1.16.G	2-1102243-7
	M20		HB-K.6.STO.1.M20.G	0-1106423-9
	M25		HB-K.6.STO.1.M25.G	0-1106419-3

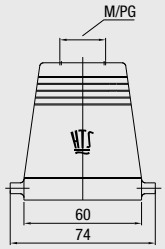
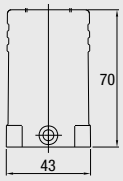
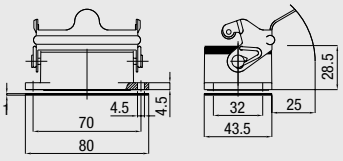
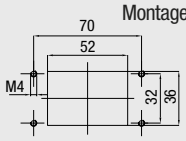
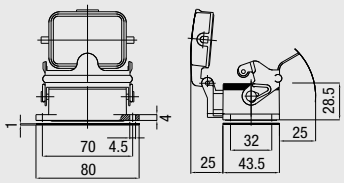
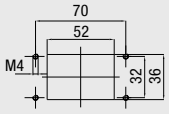
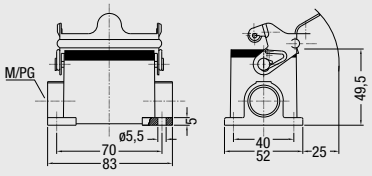
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HB.6, HB-K.6, HD.16, HD-K.16 Gehäuse/*Housings* — Baugröße/*Size 3*

Pulverbeschichtet, silbergrau/K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey/K = corrosion-resistant, black

Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Steckergehäuse: Kabeleingang oben, Hohe Bauform ***Hood:*** *Top entry, High construction*				
  		29	HD.16.STO.1.29.Z	1-1102469-7
		21	HD.16.STO.1.21.G	1-1102467-7
	M25		HD.16.STO.1.M25.G	1-1106423-1
	M32		HD.16.STO.1.M32.G	0-1106423-1
			Mit Korrosionsschutz *With corrosion protection*	
		21	HD-K.16.STO.1.21.G	2-1102467-7
	M32		HD-K.16.STO.1.M32.G	0-1106423-3
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*				
  Montageausschnitt/*Panel cut-out* 			HB.6.AG-LB	1-1102244-2
			Mit Korrosionsschutz *With corrosion protection*	
			HB-K.6.AG-LB	2-1102244-2
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*				
  Montageausschnitt/*Panel cut-out* 			HB.6.AGD-LB	1-1102246-2
			Mit Korrosionsschutz *With corrosion protection*	
			HB-K.6.AGD-LB	2-1102246-2
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*		16	HB.6.SG-LB.1.16.Z	1-1102249-2
		2x16	HB.6.SG-LB.2.16.Z	1-1102251-2
	M25		HB.6.SG-LB.1.M25.Z	0-1103062-1
	2xM25		HB.6.SG-LB.2.M25.Z	0-1106418-2
			Mit Korrosionsschutz *With corrosion protection*	
 		16	HB-K.6.SG-LB.1.16.Z	2-1102249-2
		2x16	HB-K.6.SG-LB.2.16.Z	2-1102251-2
	2xM25		HB-K.6.SG-LB.2.M25.Z	0-1106418-4

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

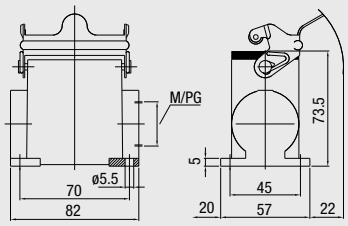
HB.6, HB-K.6, HD.16, HD-K.16 Gehäuse/*Housings* — Baugröße/*Size 3*

Pulverbeschichtet, silbergrau/K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey/K = corrosion-resistant, black

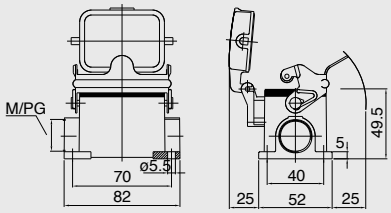
Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform
Surface mounted housing: *Side entry, High construction*



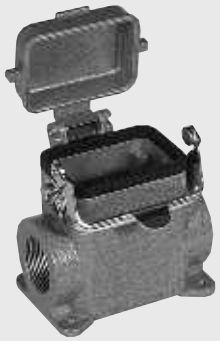
Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
	21	HD.16.SG-LB.1.21.Z	1-1102472-2
	2x21	HD.16.SG-LB.2.21.Z	1-1102474-2
2xM32		HD.16.SG-LB.2.M32.Z	0-1106422-2
		Mit Korrosionsschutz *With corrosion protection*	
	21	HD-K.16.SG-LB.1.21.Z	2-1102472-2
	2x21	HD-K.16.SG-LB.2.21.Z	2-1102474-2
2xM32		HD-K.16.SG-LB.2.M32.Z	0-1106422-4

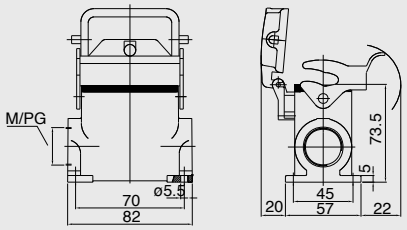
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform
Surface mounted housing: *Side entry, Standard construction*



Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
	16	HB.6.SGD-LB.1.16.Z	1-1102253-2
	2x16	HB.6.SGD-LB.2.16.Z	1-1102255-2
M16		HB.6.SGD-LB.1.M16.Z	0-1102849-1
M20		HB.6.SGD-LB.1.M20.Z	0-1102849-2
2xM25		HB.6.SGD-LB.2.M25.Z	0-1106418-1
		Mit Korrosionsschutz *With corrosion protection*	
	16	HB-K.6.SGD-LB.1.16.Z	2-1102253-2
	2x16	HB-K.6.SGD-LB.2.16.Z	2-1102255-2
2xM25		HB-K.6.SGD-LB.2.M25.Z	0-1106418-3

Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform
Surface mounted housing: *Side entry, High construction*





Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
	21	HD.16.SGD-LB.1.21.Z	1-1102480-2
	2x21	HD.16.SGD-LB.2.21.Z	1-1102482-2
2xM32		HD.16.SGD-LB.2.M32.Z	0-1106422-1
		Mit Korrosionsschutz *With corrosion protection*	
	21	HD-K.16.SGD-LB.1.21.Z	2-1102480-2
	2x21	HD-K.16.SGD-LB.2.21.Z	2-1102482-2
2xM32		HD-K.16.SGD-LB.2.M32.Z	0-1106422-3

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

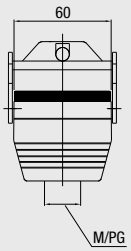
HB.6, HB-K.6, HD.16, HD-K.16 Gehäuse/*Housings* — Baugröße/*Size 3*

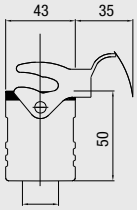
Pulverbeschichtet, silbergrau/K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey/K = corrosion-resistant, black

Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

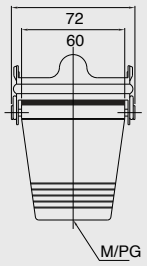
Kupplungsgehäuse: Kabeleingang unten, Standard Bauform
Cable-to-cable hood: *Bottom entry, Standard construction*

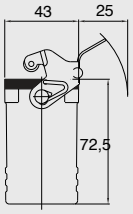




Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
	M25	16	HB.6.KDO-LB.1.16.G	1-1102258-2
			HB.6.KDO-LB.1.M25.G	0-1106417-1
			Mit Korrosionsschutz *With corrosion protection*	
	M25	16	HB-K.6.KDO-LB.1.16.G	2-1102258-2
			HB-K.6.KDO-LB.1.M25.G	0-1106417-2

Kupplungsgehäuse: Kabeleingang unten, Hohe Bauform
Cable-to-cable hood: *Bottom entry, High construction*





	M32	13	HB.6.KDO-LB.1.13.G	0-1102258-1
		21	HD.16.KDO-LB.1.21.G	1-1102489-2
			HD.16.KDO-LB.1.M32.G	0-1106421-1
			Mit Korrosionsschutz *With corrosion protection*	
	M32	21	HD-K.16.KDO-LB.1.21.G	2-1102489-2
			HD-K.16.KDO-LB.1.M32.G	0-1106421-2

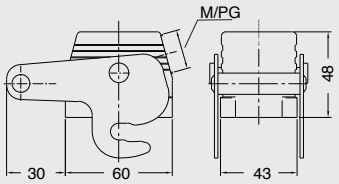
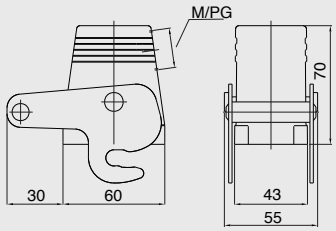
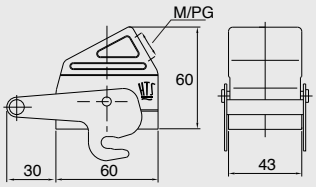
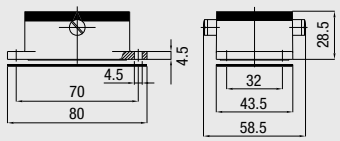
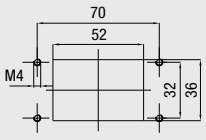
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HB-Z.6, HB-K/Z.6, HD-Z.16, HD-K/Z.16 Gehäuse/*Housings* — Baugröße/*Size 3*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Zentralbügel am Steckergehäuse/*Central locking clip on hood* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Steckergehäuse: Kabeleingang seitlich, Standard Bauform ***Hood:*** *Side entry, Standard construction*				
 	M25	16	HB-Z.6.STS-ZB.1.16.G HB-Z.6.STS-ZB.1.M25.G	1-1102240-3 0-1106419-6
			Mit Korrosionsschutz *With corrosion protection*	
	M25	16	HB-K/Z.6.STS-ZB.1.16.G HB-K/Z.6.STS-ZB.1.M25.G	2-1102240-3 0-1106419-5
Steckergehäuse: Kabeleingang seitlich,Hohe Bauform ***Hood:*** *Side entry, High construction*				
 	M32	21	HD-Z.16.STS-ZB.1.21.G HD-Z.16.STS-ZB.1.M32.G	1-1102461-3 0-1106423-5
			Mit Korrosionsschutz *With corrosion protection*	
		21	HD-K/Z.16.STS-ZB.1.21.G	2-1102461-3
Steckergehäuse: Kabeleingang seitlich, Keilform ***Hood:*** *Side entry, Standard construction*				
 	M25	16	HB-KF-Z.6.STS-ZB.1.16.G HB-KF-Z.6.STS-ZB.1.M25.G	1-1102205-3 0-1106420-3
			Mit Korrosionsschutz *With corrosion protection*	
	M25	16	HB-KF/K-Z.6.STS-ZB.1.16.G HB-KF/K-Z.6.STS-ZB.1.M25.G	2-1102205-3 0-1106420-2
Anbaugehäuse: Kabeleingang unten ***Surface mounted housing:*** *Bottom entry*				
 			HB-Z.6.AG-ZVGR	1-1102244-8
			Mit Korrosionsschutz *With corrosion protection*	
			HB-K/Z.6.AG-ZVGR	2-1102244-8

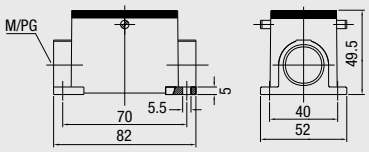
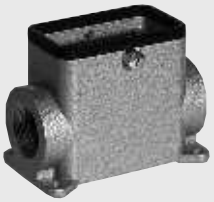
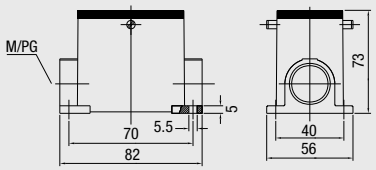
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HB-Z.6, HB-K/Z.6, HD-Z.16, HD-K/Z.16 Gehäuse/*Housings* — Baugröße/*Size 3*

Pulverbeschichtet, silbergrau/K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey/K = corrosion-resistant, black

Zentralbügel am Steckergehäuse/*Central locking clip on hood* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*				
 		16	HB-Z.6.SG-ZVGR.1.16.Z	1-1102249-8
		2x16	HB-Z.6.SG-ZVGR.2.16.Z	1-1102251-8
	M25		HB-Z.6.SG-ZVGR.2.M25.Z	0-1106418-6
			Mit Korrosionsschutz *With corrosion protection*	
		16	HB-K/Z.6.SG-ZVGR.1.16.Z	2-1102249-8
		2x16	HB-K/Z.6.SG-ZVGR.2.16.Z	2-1102251-8
	2xM25		HB-K/Z.6.SG-ZVGR.2.M25.Z	0-1106418-5
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform ***Surface mounted housing:*** *Side entry, High construction*				
 		21	HD-Z.16.SG-ZVGR.1.21.Z	1-1102472-8
		2x21	HD-Z.16.SG-ZVGR.2.21.Z	1-1102474-8
	2xM32		HD-Z.16.SG-ZVGR.2.M32.Z	0-1106422-5
			Mit Korrosionsschutz *With corrosion protection*	
		21	HD-K/Z.16.SG-ZVGR.1.21.Z	2-1102472-8
		2x21	HD-K/Z.16.SG-ZVGR.2.21.Z	2-1102474-8
	2xM32		HD-K/Z.16.SG-ZVGR.2.M32.Z	1-1106469-1

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

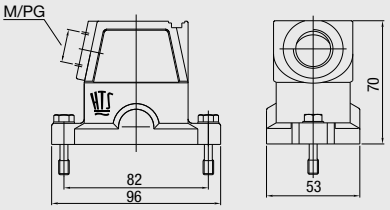
HIP.6/16, HIP-K.6/16, EMV-K.6/16 Gehäuse/*Housings* — Baugröße/*Size 3*

HIP: Druckdicht, silbergrau, HIP-K: Korrosionsgeschützt, schwarz
EMV-K: Schutz gegen elektromagnetische Beeinflussung, druckdicht, korrosionsgeschützt, schwarz

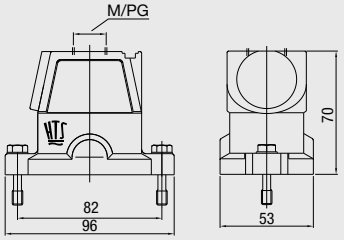
HIP: Pressure-tight, silver-grey, HIP-K: Housings corrosion-resistant, black
EMV-K: Protection against electro-magnetic interference, pressure-tight, housings corrosion-resistant, black

Schraubverriegelung am Oberteil/*Screw lock on hood* — IP 68

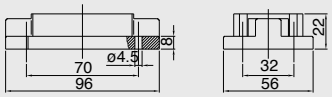
Steckergehäuse: Kabeleingang seitlich
Hood: *Side entry*



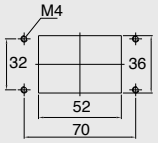
Steckergehäuse: Kabeleingang oben
Hood: *Top entry*



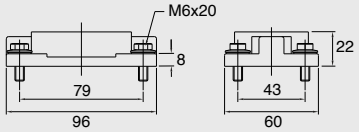
Anbaugehäuse: Kabeleingang unten
Surface mounted housing: *Bottom entry*



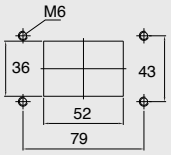
Montageausschnitt/*Panel cut-out*



Anbaugehäuse: Kabeleingang unten
Surface mounted housing: *Bottom entry*



Montageausschnitt/*Panel cut-out*



Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
			HIP	
		16	HIP.6/16.STS.1.16.G	1-1102631-5
	M25		HIP.6/16.STS.1.M25.G	0-1106425-2
			HIP-K	
		16	HIP-K.6/16.STS.1.16.G	2-1102631-5
		21	HIP-K.6/16.STS.1.21.G	2-1102633-5
	M25		HIP-K.6/16.STS.1.M25.G	0-1106425-4
			EMV-K	
		16	EMV-K.6/16.STS.1.16.G	4-1102704-5
	M25		EMV-K.6/16.STS.1.M25.G	0-1106416-4
			HIP	
		16	HIP.6/16.STO.1.16.G	1-1102635-5
	M32		HIP.6/16.STO.1.M32.G	0-1106425-1
			HIP-K	
		16	HIP-K.6/16.STO.1.16.G	2-1102635-5
		21	HIP-K.6/16.STO.1.21.G	2-1102637-5
	M25		HIP-K.6/16.STO.1.M25.G	0-1106425-6
	M32		HIP-K.6/16.STO.1.M32.G	0-1106425-3
			EMV-K	
		13	EMV-K.6/16.STO.1.13.G	0-1108719-1
		16	EMV-K.6/16.STO.1.16.G	4-1102706-5
		21	EMV-K.6/16.STO.1.21.G	4-1102707-5
	M32		EMV-K.6/16.STO.1.M32.G	0-1106416-3
			HIP	
			HIP.6/16.AG	1-1102638-5
			HIP-K	
			HIP-K.6/16.AG	2-1102638-5
			EMV-K	
			EMV-K.6/16.AG	4-1102710-5
			HIP	
			HIP.6/16.AG.M6	1-1102606-5
			HIP-K	
			HIP-K.6/16.AG.M6	2-1102606-5
			EMV-K	
			EMV-K.6/16.AG.M6	4-1102712-5

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

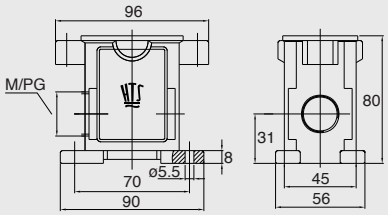
HIP.6/16, HIP-K.6/16, EMV-K.6/16 Gehäuse/*Housings* — Baugröße/*Size 3*

HIP: Druckdicht, silbergrau, HIP-K: Korrosionsgeschützt, schwarz
EMV-K: Schutz gegen elektromagnetische Beeinflussung, druckdicht, korrosionsgeschützt, schwarz

HIP: Pressure-tight, silver-grey, HIP-K: Housings corrosion-resistant, black
EMV-K: Protection against electro-magnetic interference, pressure-tight, housings corrosion-resistant, black

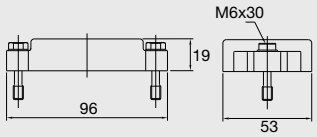
Schraubverriegelung am Oberteil/*Screw lock on hood* — IP 68

Sockelgehäuse: Kabeleingang seitlich
Surface mounted housing: *Side entry*



Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
		HIP	
	16	HIP.6/16.SG.1.16.G	1-1102604-5
	2x16	HIP.6/16.SG.2.16.G	1-1102605-5
2xM32		HIP.6/16.SG.2.M32.G	0-1106424-1
		HIP-K	
	16	HIP-K.6/16.SG.1.16.G	2-1102604-5
	2x16	HIP-K.6/16.SG.2.16.G	2-1102605-5
2xM25		HIP-K.6/16.SG.2.M25.G	0-1102942-1
2xM32		HIP-K.6/16.SG.2.M32.G	0-1106424-2
		EMV-K	
	16	EMV-K.6/16.SG.1.16.G	5-1102708-5
	2x16	EMV-K.6/16.SG.2.16.G	5-1102709-5
2xM25		EMV-K.6/16.SG.2.M25.G	0-1106413-3
2xM32		EMV-K.6/16.SG.2.M32.G	0-1106415-2

Schutzkappe für Gehäuse-Unterteile
Protective covers for housings



		HIP	
		HIP/EMV.6/16.SKB	3-1106201-5
		HIP-K	
		HIP-K/EMV-K.6/16.SKB	4-1106201-5
		EMV-K	
		HIP-K/EMV-K.6/16.SKB	4-1106201-5

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HE.10 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 4*

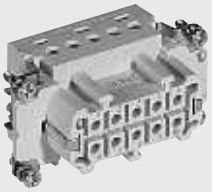
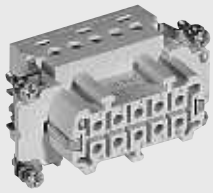
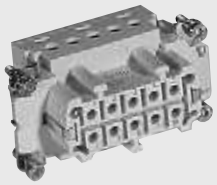
Schraubanschluss, Federzug-Anschluss,
Crimpanschluss für gedrehte HE/HA Crimpkontakte

Screw terminal, Spring Clamp terminal,
Crimp terminal for screw machined HE/HA crimp contacts

Kontaktzahlen
No. of contacts

10 + ⏚

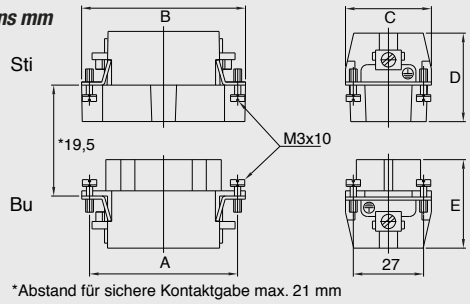
400 V/16 A

Bezeichnung *Description*		Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Bestell-Nr./*Order No.* Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*	Buchseneinsatz/*Female insert*			
Schraubanschluss/*Screw terminal*				
		HE.10.Sti.S	1-1103636-1	
		HE.10.Bu.S		1-1103637-1
Federzug-Anschluss/*Spring Clamp terminal*				
		HE.10.Sti.SC	7-1103636-1	
		HE.10.Bu.SC		7-1103637-1
Crimpanschluss/*Crimp terminal*				
		HE.10.Sti.C	2-1103636-3	
		HE.10.Bu.C		2-1103637-3

Maße/*Dimensions*	A	B	C	D	E
mm	**57**	**63**	**33**	**34**	**35**

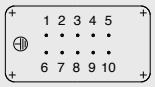
Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

Maßbild mm
Dimensions mm

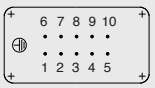


*Abstand für sichere Kontaktgabe max. 21 mm

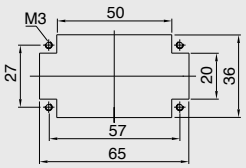
Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert



Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



HEE.18 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 4*

Crimpanschluss für gedrehte HE Crimpkontakte

Crimp terminal for screw machined HE crimp contacts

Kontaktzahlen
No. of contacts

18 + ⏚

500 V/16 A

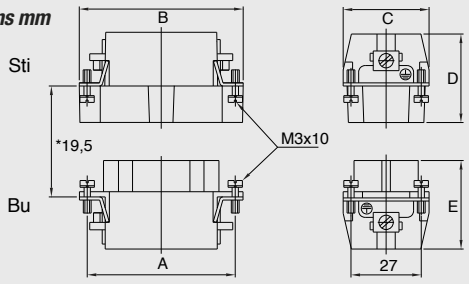
Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*			
Crimpanschluss/*Crimp terminal*			
	HEE.18.Sti.C	0-1102897-1	
	HEE.18.Sti.C.FS*	0-1102897-2	
Buchseneinsatz/*Female insert*			
	HEE.18.Bu.C		0-1102898-1
	HEE.18.Bu.C.FS*		0-1102898-2

*Kunststoff ist I2F1 qualifiziert nach NF-F 16-101, 102
Plastic is qualified I2F1 according NF-F 16-101, 102

Maße/*Dimensions*	A	B	C	D	E
mm	**57**	**63**	**33**	**34**	**37**

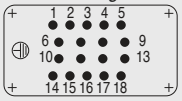
Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

Maßbild mm
Dimensions mm

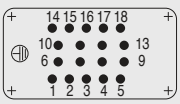


*Abstand für sichere Kontaktgabe max. 21 mm

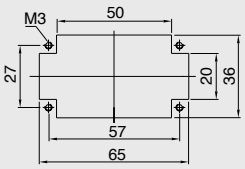
Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert



Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



HVT.14 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 4*

Crimpanschluss für gedrehte HVT Crimpkontakte

Crimp terminal for screw machined HVT crimp contacts

Kontaktzahlen
No. of contacts

14 + ⏚

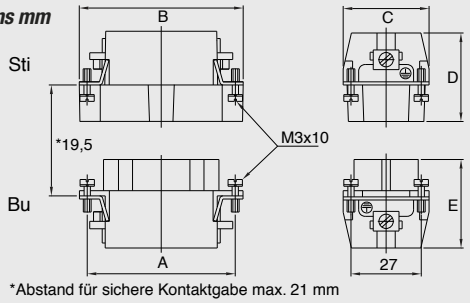
400 V/16 A

Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*			
Crimpanschluss/*Crimp terminal*			
	HVT.14.Sti.C	2-1104004-3	
Buchseneinsatz/*Female insert*			
	HVT.14.Bu.C		2-1104006-3

Maße/*Dimensions*	A	B	C	D	E
mm	**57**	**63**	**33**	**35**	**40**

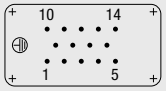
Passende Crimpkontakte siehe Seite 38, Passende Crimpwerkzeuge siehe Seite 38
Suitable Crimp contacts see page 38, Suitable Crimping tools see page 38

Maßbild mm
Dimensions mm

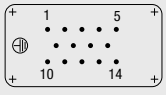


*Abstand für sichere Kontaktgabe max. 21 mm

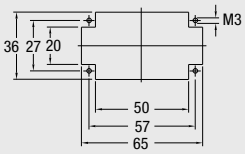
Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert



Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



HD.24 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 4*

Crimpanschluss für gestanzte HD-M Crimpkontakte

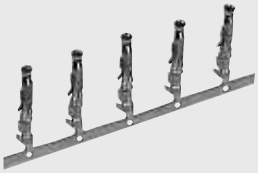
Crimp terminal for stamped HD-M crimp contacts

Kontaktzahlen
No. of contacts

24 + ⏚

250 V/10 A

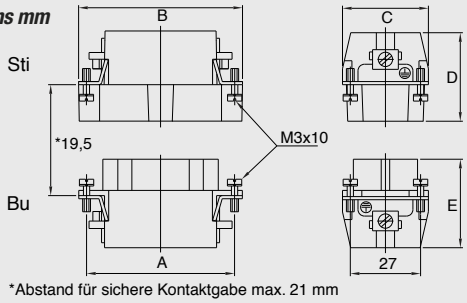
Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*	HD.24.Sti.C	2-1103008-3	
Buchseneinsatz/*Female insert*	HD.24.BU.C		2-1103009-3
Crimpanschluss/*Crimp terminal*			



Maße/*Dimensions*	A	B	C	D	E
mm	**57**	**64**	**33**	**35**	**35**

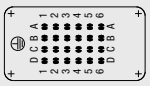
Passende Crimpkontakte siehe Seite 35, Passende Crimpwerkzeuge siehe Seite 35
Suitable Crimp contacts see page 35, Suitable Crimping tools see page 35

Maßbild mm
Dimensions mm

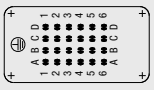


*Abstand für sichere Kontaktgabe max. 21 mm

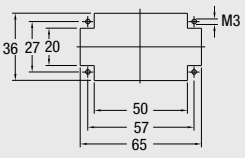
Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert



Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



HN.2D.42; HMX8/24 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 4*

Crimpanschluss für gedrehte HN.D/HE Crimpkontakte

Crimp terminal for screw machined HN.D/HE crimp contacts

Kontaktzahlen
No. of contacts

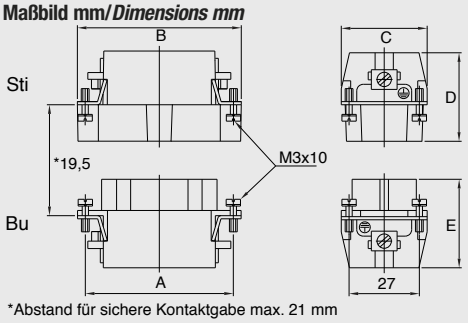
42; 8/24 + ⏚

250 V/10 A; 400V/16A + 250V/10A

Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*			
Crimpanschluss/*Crimp terminal*			
	HN.2D.42.Sti.C	2-1103204-3	
	HN.2D.42.Bu.C		2-1103206-3
			
Passende Crimpakontakte siehe Seite 34 *Suitable Crimp contacts see page 34*			
	HMX.8/24.Sti.C	0-1103089-1	
	HMX.8/24.Bu.C		0-1103090-1
Passende Crimpakontakte Power siehe Seite 37, passende Crimpakontakte Signal siehe Seite 34 *Suitable Crimp contacts power see page 37, suitable Crimp contacts signal see page 34*			

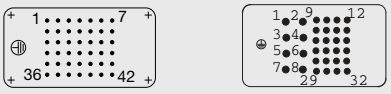
Maße/*Dimensions*	A	B	C	D	E
mm	**57**	**63**	**34**	**35,5**	**37**

Maßbild mm/*Dimensions mm*



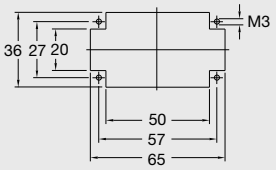
*Abstand für sichere Kontaktgabe max. 21 mm

Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert

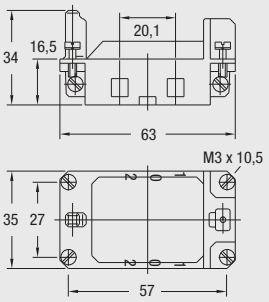
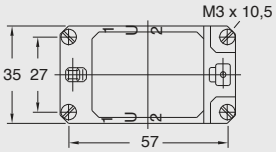
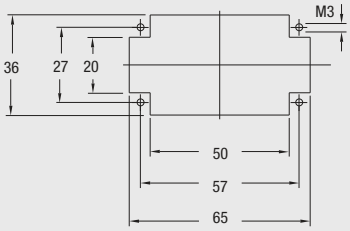
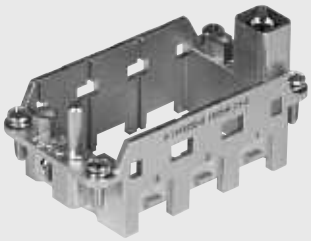
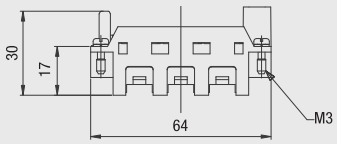
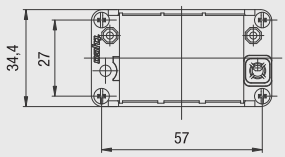
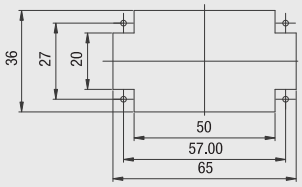


Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert

Montageausschnitt
Panel cut-out



Modul Halterahmen/*Module Fixing Frame* — Baugröße/*Size 4*

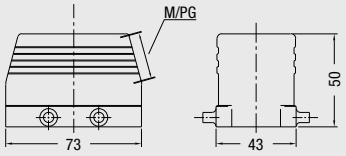
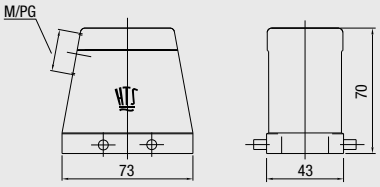
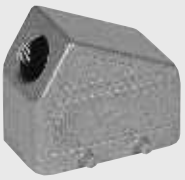
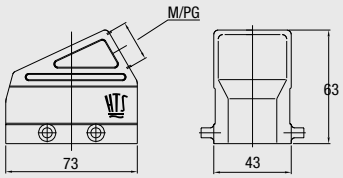
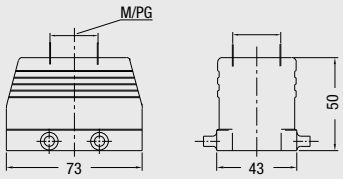
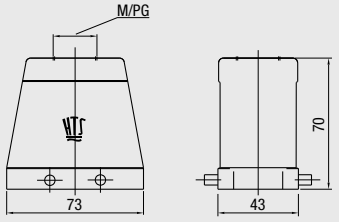
Bezeichnung *Description*		Bestelltext *Designation*	Bestell-Nr./*Order No.* Oberteil *Top part*	Unterteil *Bottom part*
Halterahmen/*Fixing frame*  Für Modul MDL Seite 194–203 *For module MDL page 194–203*		MDL2-GR.O-4/B.1-2	0-1108783-1	
		MDL2-GR.U-4/B.1-2		0-1108783-2
	Montageausschnitt/*Panel cut-out* 			
Halterahmen/*Fixing frame*  Für Modul HVS Seite 204–212 *For module HVS page 204–212*	 	HVS-R.O 1-3 HVS-R.U 1-3	0-1103250-5	0-1103250-6
	Montageausschnitt/*Panel cut-out* 			

HB.10, HB-K.10, HD.24, HD-K.24 Gehäuse/*Housings* — Baugröße/*Size 4*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Verschlussbügel am Unterteil/*Locking clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Steckergehäuse: Kabeleingang seitlich, Standard Bauform ***Hood:*** *Side entry, Standard construction*				
 		16	HB.10.STS.1.16.G	1-1102261-6
		21	HB.10.STS.1.21.G	1-1102264-6
	M20		HB.10.STS.1.M20.G	2-1106430-4
	M25		HB.10.STS.1.M25.G	0-1106430-4
			Mit Korrosionsschutz *With corrosion protection*	
		16	HB-K.10.STS.1.16.G	2-1102261-6
		21	HB-K.10.STS.1.21.G	2-1102264-6
	M25		HB-K.10.STS.1.M25.G	1-1106430-0
Steckergehäuse: Kabeleingang seitlich,Hohe Bauform ***Hood:*** *Side entry, High construction*				
 		21	HD.24.STS.1.21.G	1-1102496-6
		29	HD.24.STS.1.29.G	1-1102499-6
	M32		HD.24.STS.1.M32.G	0-1106434-4
			Mit Korrosionsschutz *With corrosion protection*	
		21	HD-K.24.STS.1.21.G	2-1102496-6
		29	HD-K.24.STS.1.29.G	2-1102499-6
Steckergehäuse: Kabeleingang seitlich, Keilform ***Hood:*** *Side entry, Standard construction*				
 		16	HB-KF.10.STS.1.16.G	1-1102211-6
		21	HB-KF.10.STS.1.21.G	1-1102214-6
	M25		HB-KF.10.STS.1.M25.G	0-1106431-1
			Mit Korrosionsschutz *With corrosion protection*	
		16	HB-KF/K.10.STS.1.16.G	2-1102211-6
		21	HB-KF/K.10.STS.1.21.G	2-1102214-6
	M25		HB-KF/K.10.STS.1.M25.G	0-1106431-5
Steckergehäuse: Kabeleingang oben, Standard Bauform ***Hood:*** *Top entry, Standard construction*				
 		16	HB.10.STO.1.16.G	1-1102267-6
		21	HB.10.STO.1.21.G	1-1102270-6
	M25		HB.10.STO.1.M25.G	0-1106430-1
			Mit Korrosionsschutz *With corrosion protection*	
		16	HB-K.10.STO.1.16.G	2-1102267-6
		21	HB-K.10.STO.1.21.G	2-1102270-6
	M25		HB-K.10.STO.1.M25.G	0-1106430-7
Steckergehäuse: Kabeleingang oben, Hohe Bauform ***Hood:*** *Top entry, High construction*				
 		21	HD.24.STO.1.21.G	1-1102502-6
		29	HD.24.STO.1.29.G	1-1102505-6
	M32		HD.24.STO.1.M32.G	0-1106434-1
			Mit Korrosionsschutz *With corrosion protection*	
		21	HD-K.24.STO.1.21.G	2-1102502-6
		29	HD-K.24.STO.1.29.G	2-1102505-6
	M32		HD-K.24.STO.1.M32.G	0-1106434-7

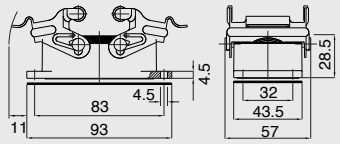
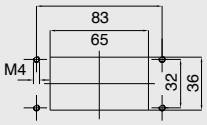
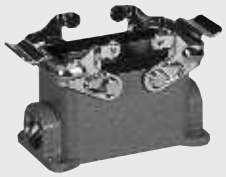
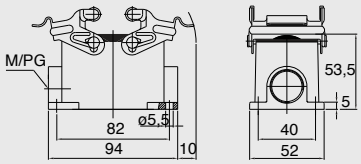
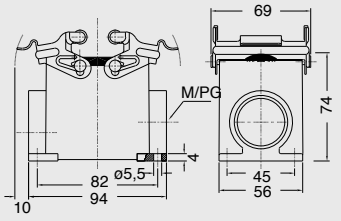
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HB.10, HB-K.10, HD.24, HD-K.24, Gehäuse/*Housings* — Baugröße/*Size 4*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Verschlussbügel am Unterteil/*Locking clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*				
  			HB.10.AG-VS	1-1102271-1
			Mit Korrosionsschutz *With corrosion protection*	
			HB-K.10.AG-VS	2-1102271-1
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*				
 		16	HB.10.SG-VS.1.16.Z	1-1102274-1
		2x16	HB.10.SG-VS.2.16.Z	1-1102276-1
	M25		HB.10.SG-VS.1.M25.Z	0-1103059-1
	2xM25		HB.10.SG-VS.2.M25.Z	0-1106429-4
			Mit Korrosionsschutz *With corrosion protection*	
		16	HB-K.10.SG-VS.1.16.Z	2-1102274-1
		2x16	HB-K.10.SG-VS 2.16.Z	2-1102276-1
	2xM25		HB-K.10.SG-VS.2.M25.Z	0-1106429-8
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform ***Surface mounted housing:*** *Side entry, High construction*				
 		21	HD.24.SG-VS.1.21.Z	1-1102507-1
		29	HD.24.SG-VS.1.29.Z	1-1102511-1
		2x21	HD.24.SG-VS.2.21.Z	1-1102509-1
		2x29	HD.24.SG-VS.2.29.Z	1-1102513-1
	2xM32		HD.24.SG-VS.2.M32.Z	0-1106433-4
			Mit Korrosionsschutz *With corrosion protection*	
		21	HD-K.24.SG-VS.1.21.Z	2-1102507-1
		29	HD-K.24.SG-VS.1.29.Z	2-1102511-1
		2x21	HD-K.24.SG-VS.2.21.Z	2-1102509-1
	2xM32		HD-K.24.SG-VS.2.M32.Z	0-1106433-8

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

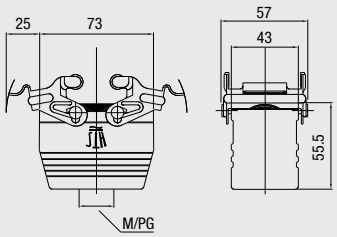
HB.10, HB-K.10, HD.24, HD-K.24, Gehäuse/*Housings* — Baugröße/*Size 4*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

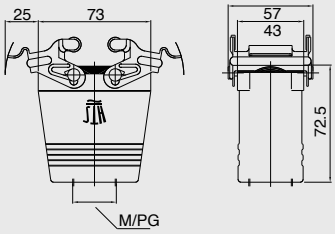
Verschlussbügel am Unterteil/*Locking clip at housing bottom* — IP 65

Kupplungsgehäuse: Kabeleingang unten, Standard Bauform
Cable-to-cable hood: *Bottom entry, Standard construction*



Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
		16	HB.10.KDO-VS.1.16.G	1-1102279-1
		21	HB.10.KDO-VS.1.21.G	1-1102282-1
	M25		HB.10.KDO-VS.1.M25.G	0-1106428-2
			Mit Korrosionsschutz *With corrosion protection*	
		16	HB-K.10.KDO-VS.1.16.G	2-1102279-1
	M25		HB-K.10.KDO-VS.1.M25.G	0-1106428-4

Kupplungsgehäuse: Kabeleingang unten, Hohe Bauform
Cable-to-cable hood: *Bottom entry, High construction*



	M32		HD.24.KDO-VS.1.M32.G	0-1106432-2
			Mit Korrosionsschutz *With corrosion protection*	
	M32		HD-K.24.KDO-VS.1.M32.G	0-1106432-4

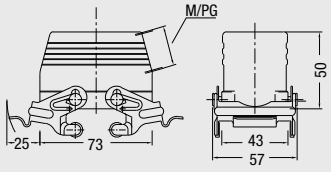
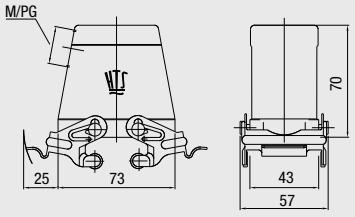
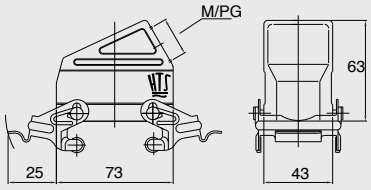
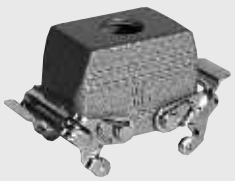
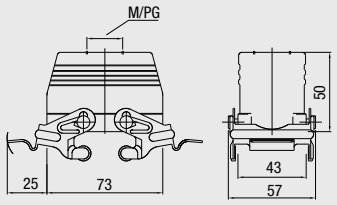
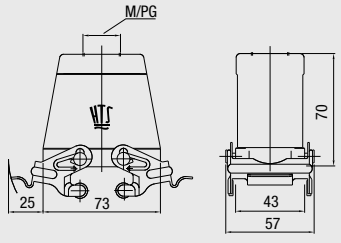
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HB.10, HB-K.10, HD.24, HD-K.24, Gehäuse/*Housings* — Baugröße/*Size 4*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Verschlussbügel am Oberteil/*Locking clip at hood* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Steckergehäuse: Kabeleingang seitlich, Standard Bauform ***Hood:*** *Side entry, Standard construction*				
 	M25	16	HB.10.STS-VS.1.16.G HB.10.STS-VS.1.M25.G	1-1102261-1 0-1106430-6
			Mit Korrosionsschutz *With corrosion protection*	
	M25	16	HB-K.10.STS-VS.1.16.G HB-K.10.STS-VS.1.M25.G	2-1102261-1 1-1106430-2
Steckergehäuse: Kabeleingang seitlich,Hohe Bauform ***Hood:*** *Side entry, High construction*				
 	M25 M32	21 29	HD.24.STS-VS.1.21.G HD.24.STS-VS.1.29.G HD.24.STS-VS.1.M25.G HD.24.STS-VS.1.M32.G	1-1102496-1 1-1102499-1 1-1106434-5 0-1106434-3
			Mit Korrosionsschutz *With corrosion protection*	
	M32	21 29	HD-K.24.STS-VS.1.21.G HD-K.24.STS-VS.1.29.G HD-K.24.STS-VS.1.M32.G	2-1102496-1 2-1102499-1 0-1106434-6
Steckergehäuse: Kabeleingang seitlich, Keilform ***Hood:*** *Side entry, Standard construction*				
 	M25	16	HB-KF.10.STS-VS.1.16.G HB-KF.10.STS-VS.1.M25.G	1-1102211-1 0-1106431-3
			Mit Korrosionsschutz *With corrosion protection*	
	M25	16	HB-KF/K.10.STS-VS.1.16.G HB-KF/K.10.STS-VS.1.M25.G	2-1102211-1 0-1106431-7
Steckergehäuse: Kabeleingang oben, Standard Bauform ***Hood:*** *Top entry, Standard construction*				
 	M25	16	HB.10.STO-VS.1.16.G HB.10.STO-VS.1.M25.G	1-1102267-1 0-1106430-3
			Mit Korrosionsschutz *With corrosion protection*	
	M25	16	HB-K.10.STO-VS.1.16.G HB-K.10.STO-VS.1.M25.G	2-1102267-1 0-1106430-9
Steckergehäuse: Kabeleingang oben, Hohe Bauform ***Hood:*** *Top entry, High construction*				
 	M32	29	HD.24.STO-VS.1.29.G HD.24.STO-VS.1.M32.G	1-1102505-1 0-1106434-3
			Mit Korrosionsschutz *With corrosion protection*	
	M32	21 29	HD-K.24.STO-VS.1.21.G HD-K.24.STO-VS.1.29.G HD-K.24.STO-VS.1.M32.G	2-1102502-1 2-1102505-1 0-1106434-9

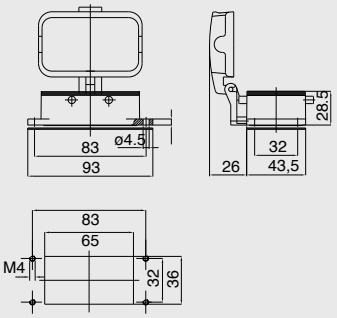
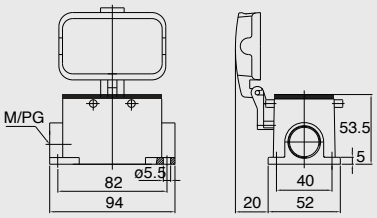
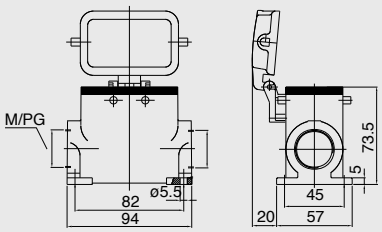
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HB.10, HB-K.10, HD.24, HD-K.24, Gehäuse/*Housings* — Baugröße/*Size 4*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Verschlussbügel am Oberteil/*Locking clip at hood* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*				
 			HB.10.AGD	1-1102283-6
			Mit Korrosionsschutz *With corrosion protection*	
			HB-K.10.AGD	2-1102283-6
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*				
 		16	HB.10.SGD.1.16.Z	1-1102286-6
		2x16	HB.10.SGD.2.16.Z	1-1102288-6
	M25		HB.10.SGD.1.M25.Z	0-1103059-2
	2xM25		HB.10.SGD.2.M25.Z	0-1106429-1
			Mit Korrosionsschutz *With corrosion protection*	
		16	HB-K.10.SGD.1.16.Z	2-1102286-6
	2xM25		HB-K.10.SGD.2.M25.Z	0-1106429-5
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform ***Surface mounted housing:*** *Side entry, High construction*				
 		2x21	HD.24.SGD.2.21.Z	1-1102523-6
	2xM32		HD.24.SGD.2.M32.Z	0-1106433-1
			Mit Korrosionsschutz *With corrosion protection*	
		2x29	HD-K.24.SGD.2.29.Z	2-1102527-6
	2xM32		HD-K.24.SGD.2.M32.Z	0-1106433-5

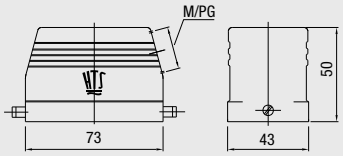
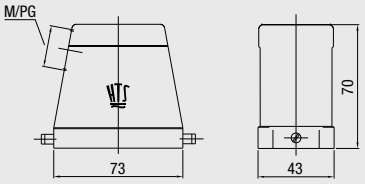
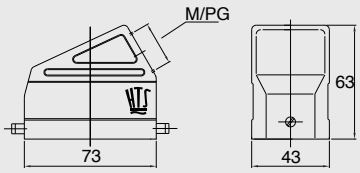
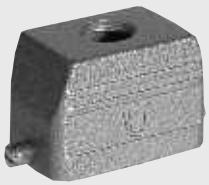
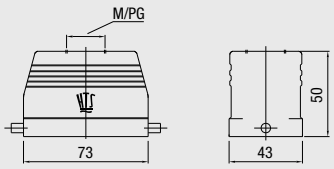
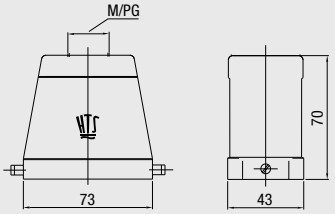
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HB.10, HB-K.10, HD.24, HD-K.24, Gehäuse/*Housings* — Baugröße/*Size 4*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Steckergehäuse: Kabeleingang seitlich, Standard Bauform ***Hood:*** *Side entry, Standard construction*				
 	M25	16	HB.10.STS-GR.1.16.G HB.10.STS-GR.1.M25.G	1-1102261-7 0-1106430-5
			Mit Korrosionsschutz *With corrosion protection*	
	M25	16	HB-K.10.STS-GR.1.16.G HB-K.10.STS-GR.1.M25.G	2-1102261-7 1-1106430-1
Steckergehäuse: Kabeleingang seitlich,Hohe Bauform ***Hood:*** *Side entry, High construction*				
 	M32	29 21	HD.24.STS-GR.1.29.G HD.24.STS-GR.1.21.G HD.24.STS-GR.1.M32.G	1-1102499-7 1-1102496-7 0-1106434-5
			Mit Korrosionsschutz *With corrosion protection*	
	M32	21	HD-K.24.STS-GR.1.21.G HD-K.24.STS-GR.1.M32.G	2-1102496-7 1-1106434-1
Steckergehäuse: Kabeleingang seitlich, Keilform ***Hood:*** *Side entry, Standard construction*				
 	M25	16	HB-KF.10.STS-GR.1.16.G HB-KF.10.STS-GR.1.M25.G	1-1102211-7 0-1106431-2
			Mit Korrosionsschutz *With corrosion protection*	
	M25	16	HB-KF/K.10.STS-GR.1.16.G HB-KF/K.10.STS-GR.1.M25.G	2-1102211-7 0-1106431-7
Steckergehäuse: Kabeleingang oben, Standard Bauform ***Hood:*** *Top entry, Standard construction*				
 	M25	16	HB.10.STO-GR.1.16.G HB.10.STO-GR.1.M25.G	1-1102267-7 0-1106430-2
			Mit Korrosionsschutz *With corrosion protection*	
	M25	16	HB-K.10.STO-GR.1.16.G HB-K.10.STO-GR.1.M25.G	2-1102267-7 0-1106430-8
Steckergehäuse: Kabeleingang oben, Hohe Bauform ***Hood:*** *Top entry, High construction*				
 	M32	21 29	HD.24.STO-GR.1.21.G HD.24.STO-GR.1.29.G HD.24.STO-GR.1.M32.G	1-1102502-7 1-1102505-7 0-1106434-2
			Mit Korrosionsschutz *With corrosion protection*	
	M32	29	HD-K.24.STO-GR.1.29.G HD-K.24.STO-GR.1.M32.G	2-1102505-7 0-1106434-8

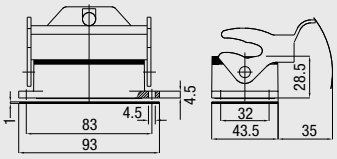
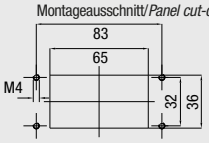
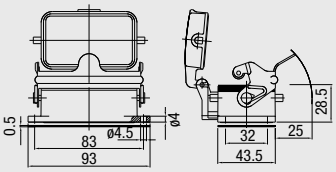
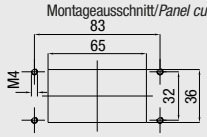
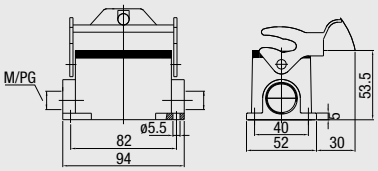
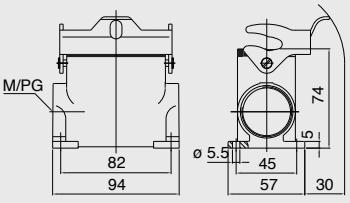
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HB.10, HB-K.10, HD.24, HD-K.24, Gehäuse/*Housings* — Baugröße/*Size 4*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*				
  Montageausschnitt/*Panel cut-out* 			HB.10.AG-LB	1-1102271-2
			Mit Korrosionsschutz *With corrosion protection*	
			HB-K.10.AG-LB	2-1102271-2
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*				
  Montageausschnitt/*Panel cut-out* 			HB.10.AGD-LB	1-1102283-2
			Mit Korrosionsschutz *With corrosion protection*	
			HB-K.10.AGD-LB	2-1102283-2
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*				
 		16	HB.10.SG-LB.1.16.Z	1-1102274-2
		2x16	HB.10.SG-LB.2.16.Z	1-1102276-2
	2xM25		HB.10.SG-LB.2.M25.Z	0-1106429-3
			Mit Korrosionsschutz *With corrosion protection*	
		16	HB-K.10.SG-LB.1.16.Z	2-1102274-2
	2xM25		HB-K.10.SG-LB.2.M25.Z	0-1106429-7
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform ***Surface mounted housing:*** *Side entry, High construction*				
 		21	HD.24.SG-LB.1.21.Z	1-1102507-2
		2x21	HD.24.SG-LB.2.21.Z	1-1102509-2
		29	HD.24.SG-LB.1.29.Z	1-1102511-2
		2x29	HD.24.SG-LB.2.29.Z	1-1102513-2
	2xM32		HD.24.SG-LB.2.M32.Z	0-1106433-3
			Mit Korrosionsschutz *With corrosion protection*	
	2xM32		HD-K.24.SG-LB.2.M32.Z	0-1106433-7

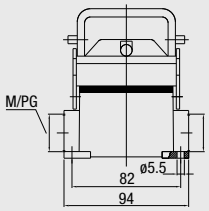
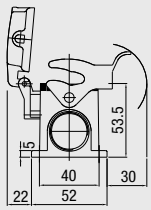
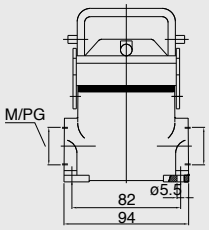
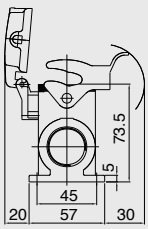
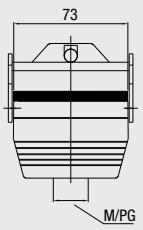
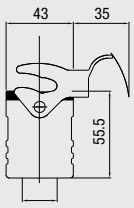
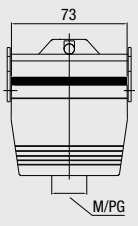
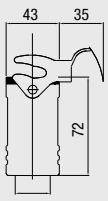
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HB.10, HB-K.10, HD.24, HD-K.24, Gehäuse/*Housings* — Baugröße/*Size 4*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*				
  		16	HB.10.SGD-LB.1.16.Z	1-1102286-2
		2x16	HB.10.SGD-LB.2.16.Z	1-1102288-2
	M25		HB.10.SGD-LB.1.M25.Z	0-1103059-3
	2xM25		HB.10.SGD-LB.2.M25.Z	0-1106429-2
			Mit Korrosionsschutz *With corrosion protection*	
		16	HB-K.10.SGD-LB.1.16.Z	2-1102286-2
		2x16	HB-K.10.SGD-LB.2.16.Z	2-1102288-2
	2xM25		HB-K.10.SGD-LB.2.M25.Z	0-1106429-6
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform ***Surface mounted housing:*** *Side entry, High construction*				
  		2x21	HD.24.SGD-LB.2.21.Z	1-1102523-2
		29	HD.24.SGD-LB.1.29.Z	1-1102525-2
		2x29	HD.24.SGD-LB.2.29.Z	1-1102527-2
	2xM32		HD.24.SGD-LB.2.M32.Z	0-1106433-2
			Mit Korrosionsschutz *With corrosion protection*	
		21	HD-K.24.SGD-LB.1.21.Z	2-1102521-2
		29	HD-K.24.SGD-LB.1.29.Z	2-1102525-2
		2x29	HD-K.24.SGD-LB.2.29.Z	2-1102527-2
	2xM32		HD-K.24.SGD-LB.2.M32.Z	0-1106433-6
Kupplungsgehäuse: Kabeleingang unten, Standard Bauform ***Cable-to-cable hood:*** *Bottom entry, Standard construction*				
  		16	HB.10.KDO-LB.1.16.G	1-1102279-2
		21	HB.10.KDO-LB.1.21.G	1-1102282-2
	M25		HB.10.KDO-LB.1.M25.G	0-1106428-1
Kupplungsgehäuse: Kabeleingang unten, Hohe Bauform ***Cable-to-cable hood:*** *Bottom entry, High construction*				
  		29	HD.24.KDO-LB.1.29.G	1-1102519-2
	M32		HD.24.KDO-LB.1.M32.G	0-1106432-1
			Mit Korrosionsschutz *With corrosion protection*	
		29	HD-K.24.KDO-LB.1.29.G	2-1102519-2
	M32		HD-K.24.KDO-LB.1.M32.G	0-1106432-3

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

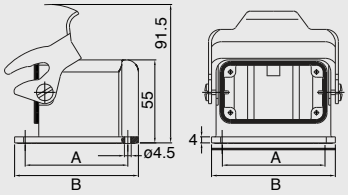
HM.10 Gehäuse/*Housings* — Baugröße/*Size 4*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

HM-10 Motoranschlußgehäuse/*Motor connector* — IP 65

HM-10 Motoranschlußgehäuse, Längsbügel am Gehäuse
HM-10 Motor Connector, Side clip at housing



Bezeichnung *Description*	A	B	Bestelltext *Designation*	Bestell-Nr. *Order No.*
	68,00	82,00	HM.10-82/82	8-1108772-2
	73,00	85,00	HM.10-85/85	8-1108772-5
	78,00	90,00	HM.10-90/90	8-1108772-0
	80,00	94,00	HM.10-94/94	8-1108772-4
	-	98,00	HM.10-98/98	8-1108772-8

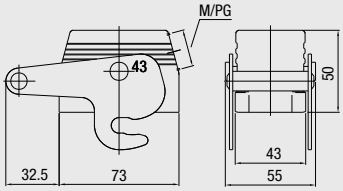
HB-Z.10, HB-K/Z.10, HD-Z.24, HD-K/Z.24 Gehäuse/*Housings* — Baugröße/*Size 4*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

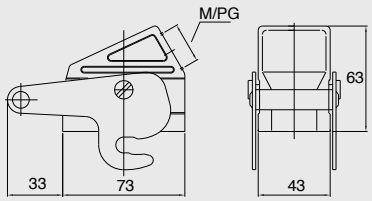
Zentralbügel am Steckergehäuse/*Central locking clip on hood* — IP 65

Steckergehäuse: Kabeleingang seitlich, Standard Bauform
Hood: *Side entry, Standard construction*



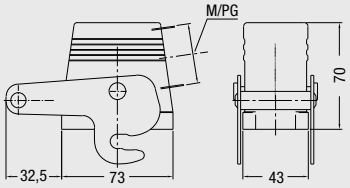
Bezeichnung / *Description*	Metr.	PG	Bestelltext / *Designation*	Bestell-Nr. / *Order No.*
	M25	16	HB-Z.10.STS-ZB.1.16.G	1-1102261-3
			HB-Z.10.STS-ZB.1.M25.G	1-1106430-6
			Mit Korrosionsschutz / *With corrosion protection*	
	M25	16	HB-K/Z.10.STS-ZB.1.16.G	2-1102261-3
			HB-K/Z.10.STS-ZB.1.M25.G	1-1106430-4

Steckergehäuse: Kabeleingang seitlich, Keilform
Hood: *Side entry, Standard construction*



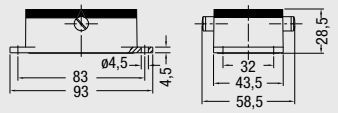
Bezeichnung / *Description*	Metr.	PG	Bestelltext / *Designation*	Bestell-Nr. / *Order No.*
	M25	16	HB-KF.10.STS-ZB.1.16.G	1-1102211-3
			HB-KF.10.STS-ZB.1.M25.G	0-1106431-4
			Mit Korrosionsschutz / *With corrosion protection*	
	M25	16	HB-KF/K.10.STS-ZB.1.16.G	2-1102211-3
			HB-KF/K.10.STS-ZB.1.M25.G	0-1106431-8

Steckergehäuse: Kabeleingang seitlich,Hohe Bauform
Hood: *Side entry, High construction*

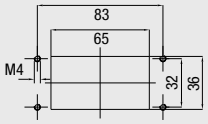


Bezeichnung / *Description*	Metr.	PG	Bestelltext / *Designation*	Bestell-Nr. / *Order No.*
	M32	21	HD-Z.24.STS-ZB.1.21.G	1-1102496-3
		29	HD-Z.24.STS-ZB.1.29.G	1-1102499-3
			HD-Z.24.STS-ZB.1.M32.G	1-1106434-3
			Mit Korrosionsschutz / *With corrosion protection*	
		21	HD-K/Z.24.STS-ZB.1.21.G	2-1102496-3
		29	HD-K/Z.24.STS-ZB.1.29.G	2-1102499-3

Anbaugehäuse: Kabeleingang unten, Standard Bauform
Surface mounted housing: *Bottom entry, Standard construction*



Montageausschnitt/*Panel cut-out*



Bezeichnung / *Description*	Metr.	PG	Bestelltext / *Designation*	Bestell-Nr. / *Order No.*
			HB-Z.10.AG-ZVGR	1-1102271-8
			Mit Korrosionsschutz / *With corrosion protection*	
			HB-K/Z.10.AG-ZVGR	2-1102271-8

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

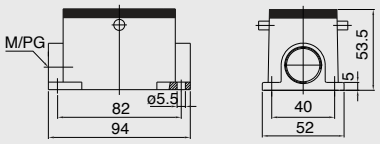
HB-Z.10, HB-K/Z.10, HD-Z.24, HD-K/Z.24 Gehäuse/*Housings* — Baugröße/*Size 4*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

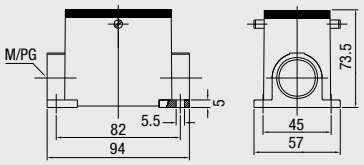
Zentralbügel am Steckergehäuse/*Central locking clip on hood* — IP 65

Sockelgehäuse: Kabeleingang seitlich, Standard Bauform
Surface mounted housing: *Side entry, Standard construction*



Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
		16	HB-Z.10.SG-ZVGR.1.16.Z	1-1102274-8
		2x16	HB-Z.10.SG-ZVGR.2.16.Z	1-1102276-8
	2xM25		HB-Z.10.SG-ZVGR.2.M25.Z	1-1106429-0
			Mit Korrosionsschutz *With corrosion protection*	
		16	HB-K/Z.10.SG-ZVGR.1.16.Z	2-1102274-8
		2x16	HB-K/Z.10.SG-ZVGR.2.16.Z	2-1102276-8
	2xM25		HB-K/Z.10.SG-ZVGR.2.M25.Z	0-1106429-9

Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform
Surface mounted housing: *Side entry, High construction*



		29	HD-Z.24.SG-ZVGR.1.29.Z	1-1102511-8
		2x29	HD-Z.24.SG-ZVGR.2.29.Z	1-1102513-8
	2xM32		HD-Z.24.SG-ZVGR.2.M32.Z	1-1106434-4
			Mit Korrosionsschutz *With corrosion protection*	
		29	HD-K/Z.24.SG-ZVGR.1.29.Z	2-1102511-8
		2x29	HD-K/Z.24.SG-ZVGR.2.29.Z	2-1102513-8
	2xM32		HD-K/Z.24.SG-ZVGR.2.M32.Z	0-1106469-9

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

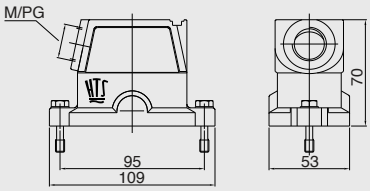
HIP.10/24, HIP-K.10/24, EMV-K.10/24 Gehäuse/*Housings* — Baugröße/*Size 4*

HIP: Druckdicht, silbergrau, HIP-K: Korrosionsgeschützt, schwarz
EMV-K: Schutz gegen elektromagnetische Beeinflussung, druckdicht, korrosionsgeschützt, schwarz

HIP: Pressure-tight, silver-grey, HIP-K: Housings corrosion-resistant, black
EMV-K: Protection against electro-magnetic interference, pressure-tight, housings corrosion-resistant, black

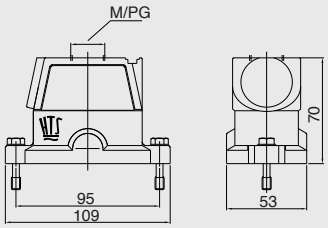
Druckdicht bis ≤ 5 bar/*pressure-tight up to 5 bar* — IP 68

Steckergehäuse: Kabeleingang seitlich
Hood: *Side entry, Standard construction*



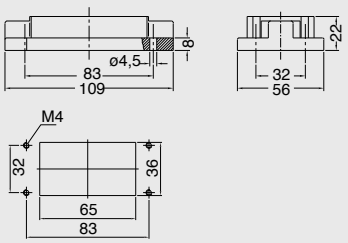
Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
		HIP	
	16	HIP.10/24.STS.1.16.G	1-1102640-5
	21	HIP.10/24.STS.1.21.G	1-1102642-5
M25		HIP.10/24.STS.1.M25.G	0-1106436-2
		HIP-K	
	21	HIP-K.10/24.STS.1.21.G	2-1102642-5
M25		HIP-K.10/24.STS.1.M25.G	0-1106436-4
M32		HIP-K.10/24.STS.1.M32.G	0-1106436-6
		EMV-K	
	21	EMV-K.10/24.STS.1.21.G	4-1102714-5
M25		EMV-K.10/24.STS.1.M25.G	0-1106427-3
M32		EMV-K.10/24.STS.1.M32.G	1-1106427-0

Steckergehäuse: Kabeleingang oben
Hood: *Top entry*



		HIP	
	16	HIP.10/24.STO.1.16.G	1-1102644-5
	21	HIP.10/24.STO.1.21.G	1-1102646-5
M25		HIP.10/24.STO.1.M25.G	0-1106436-1
		HIP-K	
	16	HIP-K.10/24.STO.1.16.G	2-1102644-5
M25		HIP-K.10/24.STO.1.M25.G	0-1106436-3
M32		HIP-K.10/24.STO.1.M32.G	0-1106436-5
		EMV-K	
	21	EMV-K.10/24.STO.1.21.G	4-1102715-5
M25		EMV-K.10/24.STO.1.M25.G	0-1106427-4

Anbaugehäuse: Kabeleingang unten
Surface mounted housing: *Bottom entry*



Montageausschnitt/*Panel cut-out*

		HIP	
		HIP.10/24.AG	1-1102647-5
		HIP-K	
		HIP-K.10/24.AG	2-1102647-5
		EMV-K	
		EMV-K.10/24.AG	4-1102718-5

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

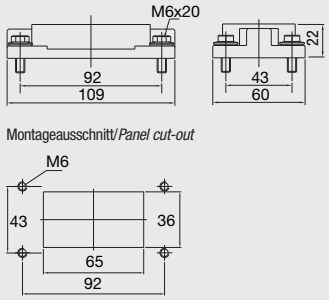
HIP.10/24, HIP-K.10/24, EMV-K.10/24 Gehäuse/*Housings* — Baugröße/*Size 4*

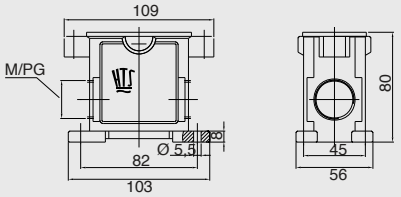
HIP: Druckdicht, silbergrau, HIP-K: Korrosionsgeschützt, schwarz
EMV-K: Schutz gegen elektromagnetische Beeinflussung, druckdicht, korrosionsgeschützt, schwarz

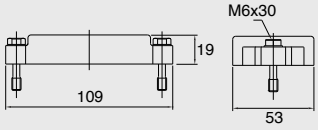
HIP: Pressure-tight, silver-grey, HIP-K: Housings corrosion-resistant, black
EMV-K: Protection against electro-magnetic interference, pressure-tight, housings corrosion-resistant, black

Druckdicht bis ≤ 5 bar/*pressure-tight up to 5 bar* — IP 68

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Anbaugehäuse: Kabeleingang unten ***Surface mounted housing:*** *Bottom entry*				
			HIP	
			HIP.10/24.AG.M6	1-1102612-5
			HIP-K	
			HIP-K.10.AG.M6	2-1102612-5
			EMV-K	
			EMV-K.10/24.AG.M6	4-1102720-5
Sockelgehäuse: Kabeleingang seitlich ***Surface mounted housing:*** *Side entry*				
			HIP	
		21	HIP.10/24.SG.1.21.G	1-1102610-5
		2x21	HIP.10/24.SG.2.21.G	1-1102611-5
	2xM32		HIP.10/24.SG.2.M32.G	0-1106435-1
			HIP-K	
		21	HIP-K.10/24.SG.1.21.G	5-1102610-5
		2x21	HIP-K.10/24.SG.2.21.G	2-1102611-5
			EMV-K	
		21	EMV-K.10/24.SG.1.21.G	5-1102716-5
		2x21	EMV-K.10/24.SG.2.21.G	4-1102717-5
	2xM32		EMV-K.10/24.SG.2.M32.G	0-1106426-2
Schutzkappe für Gehäuse-Unterteile ***Protective covers for hoods and housing***				
			HIP	
			HIP/EMV.10/24.SKB	3-1106202-5
			HIP-K/EMV-K	
			HIP-K/EMV-K.10/24.SKB	4-1106202-5







Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HA.16 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 5*

Schraubanschluss, Federzug-Anschluss,
Crimpanschluss für gedrehte HE/HA Crimpkontakte

Screw terminal, Spring Clamp terminal,
Crimp terminal for screw machined HE/HA crimp contacts

Kontaktzahlen
No. of contacts

16 + ⏚

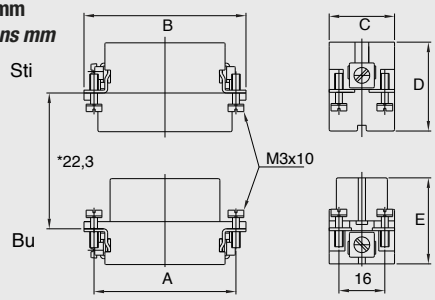
250 V/16 A

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert* — Buchseneinsatz/*Female insert*			
Schraubanschluss/*Screw terminal*			
	HA.16.Sti.S.B 1-16	1-1103416-1	
	HA.16.Bu.S.B 1-16		1-1103417-1
Federzug-Anschluss/*Spring Clamp terminal*			
	HA.16.Sti.SC.B 1-16	7-1103416-1	
	HA.16.Bu.SC.B 1-16		7-1103417-1
Crimpanschluss/*Crimp terminal*			
	HA.16.Sti.C.B 1-16	2-1103416-3	
	HA.16.Bu.C.B 1-16		2-1103417-3

Maße/*Dimensions*	A	B	C	D	E
mm	**66**	**73**	**23**	**31**	**28**

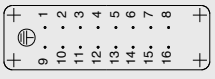
Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

Maßbild mm
Dimensions mm

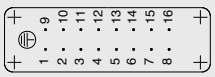


*Abstand für sichere Kontaktgabe max. 24 mm

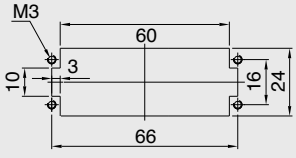
Anschlußseite Stift
Contact arrangement Male insert



Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



HN.D.25 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 5*

Crimpanschluss für gedrehte HN.D Crimpkontakte

Crimp terminal for screw machined HN.D crimp contacts

Kontaktzahlen
No. of contacts

25 + ⏚

250 V/10 A

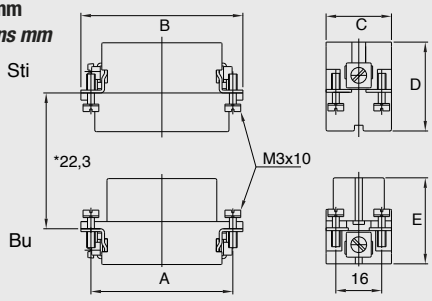
Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*			
Crimpanschluss/*Crimp terminal*	HN.D.25.Sti.C	2-1103108-3	
	HN.D.25.Sti.C.B.1-25/Z	0-1103108-1	
Buchseneinsatz/*Female insert*	HN.D.25.Bu.C		2-1103109-3
	HN.D.25.Bu.C.B.1-25/Z		0-1103109-1

*Zusätzliche Kennzeichnung „Z“ wie in Euromap 67 hinterlegt
**Marked with „Z“ according Euromap 67*

Maße/*Dimensions*	A	B	C	D	E
mm	**66**	**73**	**23**	**35**	**35**

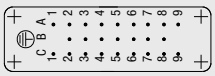
Passende Crimpkontakte siehe Seite 34, Passende Crimpwerkzeuge siehe Seite 34
Suitable Crimp contacts see page 34, Suitable Crimping tools see page 34

Maßbild mm
Dimensions mm

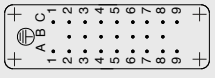


*Abstand für sichere Kontaktgabe max. 24 mm

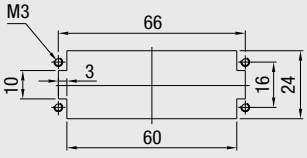
Anschlußseite Stift
Contact arrangement Male insert



Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



HD.25 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 5*

Crimpanschluss für gestanzte HD.M Crimpkontakte

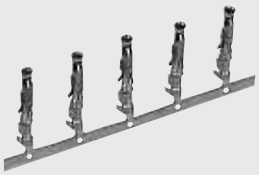
Crimp terminal for stamped HD.M crimp contacts

Kontaktzahlen
No. of contacts

25 + ⏚

250 V/10 A

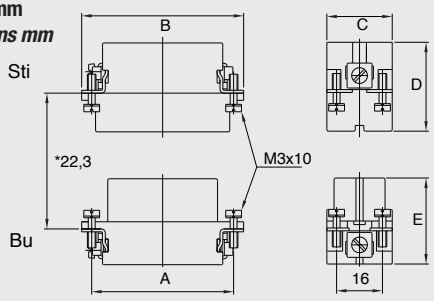
Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*	HD.25.Sti.C	2-1103010-3	
Buchseneinsatz/*Female insert*	HD.25.Bu.C		2-1103011-3
Crimpanschluss/*Crimp terminal*			



Maße/*Dimensions*	A	B	C	D	E
mm	**66**	**73**	**23**	**35**	**35**

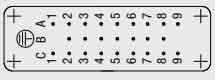
Passende Crimpkontakte siehe Seite 35, Passende Crimpwerkzeuge siehe Seite 35
Suitable Crimp contacts see page 35, Suitable Crimping tools see page 35

Maßbild mm
Dimensions mm

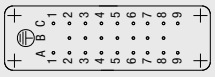


*Abstand für sichere Kontaktgabe max. 24 mm

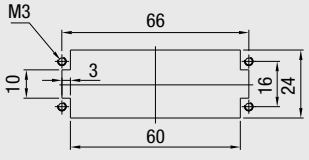
Anschlußseite Stift
Contact arrangement Male insert



Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out

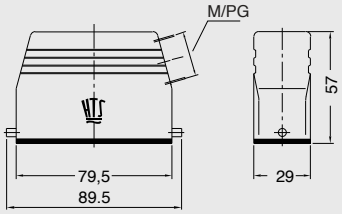
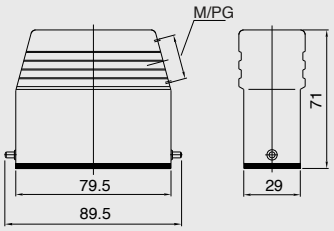
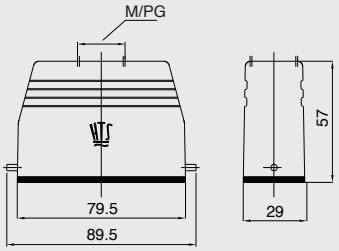
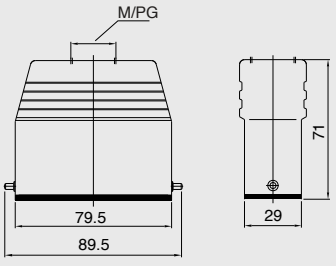


HA.16/HD.25 Gehäuse/*Housings* — Baugröße/*Size 5*

Pulverbeschichtet, silbergrau

Powder-coated, silver-grey

Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	**Bestelltext** *Designation*	**Bestell-Nr.** *Order No.*
Steckergehäuse: Kabeleingang seitlich ***Hood:*** *Side entry*  	M20	16	HA.16.STS.1.16.G HA.16.STS.1.M20.G	1-1102136-7 0-1106439-2
Steckergehäuse: Kabeleingang seitlich ***Hood:*** *Side entry*  	M25	16 21	HD.25.STS.1.16.G HD.25.STS.1.21.G HD.25.STS.1.M25.G	1-1102530-7 1-1102533-7 0-1106442-2
Steckergehäuse: Kabeleingang oben, ***Hood:*** *Top entry*  	M20	16	HA.16.STO.1.16.G HA.16.STO.1.M20.G	1-1102139-7 0-1106439-1
Steckergehäuse: Kabeleingang oben, ***Hood:*** *Top entry*  	M25	16 21	HD.25.STO.1.16.G HD.25.STO.1.21.G HD.25.STO.1.M25.G	1-1102536-7 1-1102539-7 0-1106442-1

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

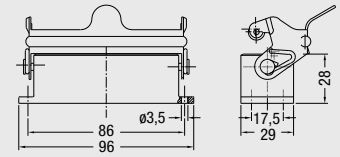
HA.16/HD.25 Gehäuse/*Housings* — Baugröße/*Size 5*

Pulverbeschichtet, silbergrau

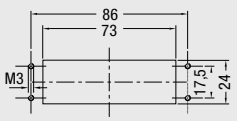
Powder-coated, silver-grey

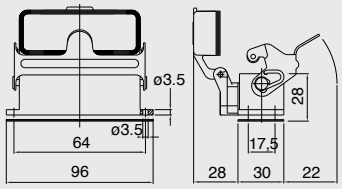
Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

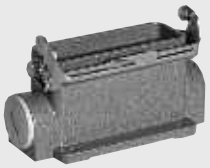
Bezeichnung *Description*	Metr.	PG	**Bestelltext** *Designation*	**Bestell-Nr.** *Order No.*
Anbaugehäuse: Kabeleingang unten ***Surface mounted housing:*** *Bottom entry*			HA.16.AG-LB	1-1102140-2
Anbaugehäuse: Kabeleingang unten ***Surface mounted housing:*** *Bottom entry*			HA.16.AGD-LB	1-1102141-2
Sockelgehäuse: Kabeleingang seitlich ***Surface mounted housing:*** *Side entry*	M20 2xM20	16 2x16	HA.16.SG-LB.1.16 Z HA.16.SG-LB.2.16 Z HA.16.SG-LB.1.M20.Z HA.16.SG-LB.2.M20.Z	1-1102143-2 1-1102145-2 0-1106438-2 0-1103058-1
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform ***Surface mounted housing:*** *Side entry, High construction*	2xM25	16 2x16 21 2x21	HD.25.SG-LB.1.16 Z HD.25.SG-LB.2.16 Z HD.25.SG-LB.1.21 Z HD.25.SG-LB.2.21 Z HD.25.SG-LB.2.M25.Z	1-1102541-2 1-1102543-2 1-1102545-2 1-1102547-2 0-1106441-2

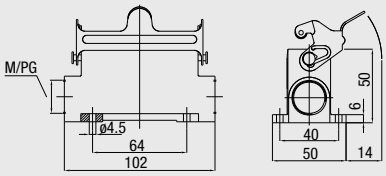


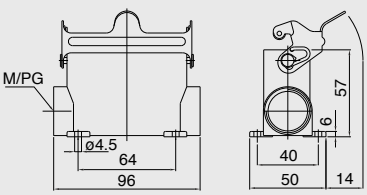
Montageausschnitt/*Panel cut-out*











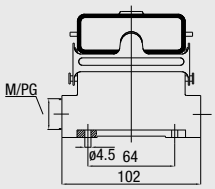
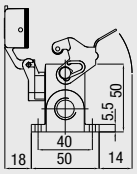
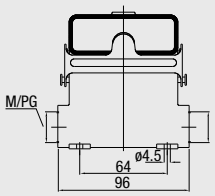
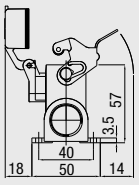
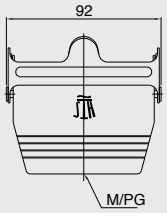
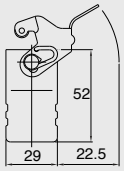
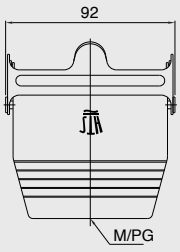
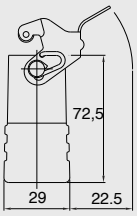
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HA.16/HD.25 Gehäuse/*Housings* — Baugröße/*Size 5*

Pulverbeschichtet, silbergrau

Powder-coated, silver-grey

Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	**Bestelltext** *Designation*	**Bestell-Nr.** *Order No.*
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*				
  	M20 2xM20	16 2x16	HA.16.SGD-LB.1.16 Z HA.16.SGD-LB.2.16 Z HA.16.SGD-LB.1.M20.Z HA.16.SGD-LB.2.M20.Z	1-1102147-2 1-1102149-2 0-1106438-1 0-1103058-2
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform ***Surface mounted housing:*** *Side entry, High construction*				
  	2xM25	16 2x16 21 2x21	HD.25.SGD-LB.1.16 Z HD.25.SGD-LB.2.16 Z HD.25.SGD-LB.1.21 Z HD.25.SGD-LB.2.21.Z HD.25.SGD-LB.2.M25.Z	1-1102549-2 1-1102551-2 1-1102553-2 1-1102555-2 0-1106441-1
Kupplungsgehäuse: Kabeleingang unten, Standard Bauform ***Cable-to-cable hood:*** *Bottom entry, Standard construction*				
  	M20	16	HA.16.KDO-LB.1.16 G HA.16.KDO-LB.1.M20.G	1-1102152-2 0-1106437-1
Kupplungsgehäuse: Kabeleingang unten, Hohe Bauform ***Cable-to-cable hood:*** *Bottom entry, High construction*				
  	M25	21	HD.25.KDO-LB.1.21 G HD.25.KDO-LB.1.M25.G	1-1102561-2 0-1106440-1

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HE.16 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 6*

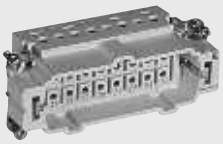
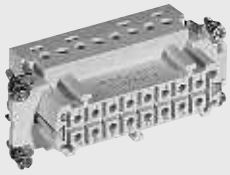
Schraubanschluss, Federzug-Anschluss,
Crimpanschluss für gedrehte HE/HA Crimpkontakte

Screw terminal, Spring Clamp terminal,
Crimp terminal for screw machined HE/HA crimp contacts

Kontaktzahlen
No. of contacts

16 + ⏚

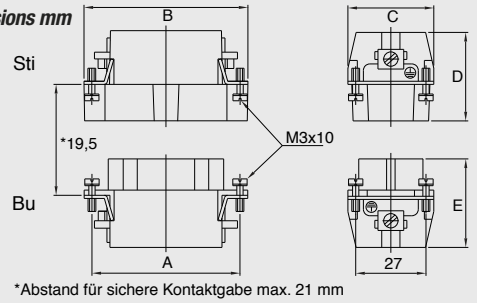
400 V/16 A

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert* — Buchseneinsatz/*Female insert*			
Schraubanschluss/*Screw terminal*			
	HE.16.Sti.S.B 1-16	1-1103638-1	
	HE.16.Bu.S.B 1-16		1-1103639-1
Federzug-Anschluss/*Spring Clamp terminal*			
	HE.16.Sti.SC.B 1-16	7-1103638-1	
	HE.16.Bu.SC.B 1-16		7-1103639-1
Crimpanschluss/*Crimp terminal*			
	HE.16.Sti.C.B 1-16	2-1103638-3	
	HE.16.Bu.C.B 1-16		2-1103639-3

Maße/*Dimensions*	A	B	C	D	E
mm	**77,5**	**83,5**	**33**	**34**	**35**

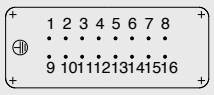
Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

Maßbild mm
Dimensions mm

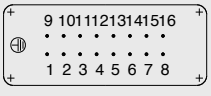


*Abstand für sichere Kontaktgabe max. 21 mm

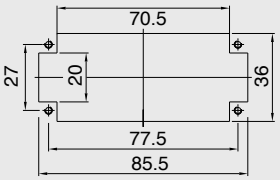
Anschlußseite Stift
Contact arrangement Male insert



Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



HEE.32 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 6*

Crimpanschluss für gedrehte HE Crimpkontakte

Crimp terminal for screw machined HE crimp contacts

Kontaktzahlen
No. of contacts

32 + ⏚

500 V/16 A

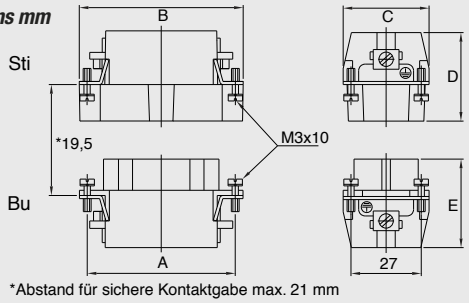
Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*			
Crimpanschluss/*Crimp terminal*			
	HEE.32.Sti.C	0-1102895-1	
	HEE.32.Sti.C.FS*	0-1102895-3	
Buchseneinsatz/*Female insert*			
	HEE.32.Bu.C		0-1102896-1
	HEE.32.Bu.C.FS*		0-1102896-3

*Kunststoff ist I2F1 qualifiziert nach NF-F 16-101, 102
Plastic is qualified I2F1 according NF-F 16-101, 102

Maße/*Dimensions*	A	B	C	D	E
mm	**77,5**	**83,5**	**33**	**34**	**37**

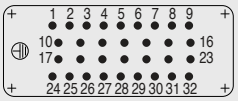
Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

Maßbild mm
Dimensions mm

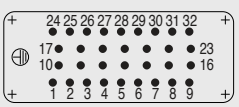


*Abstand für sichere Kontaktgabe max. 21 mm

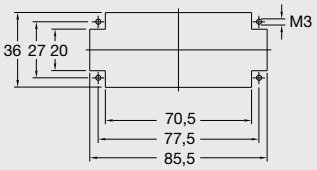
Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert



Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



HVT.23 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 6*

Crimpanschluss für gedrehte HVT Crimpkontakte

Crimp terminal for screw machined HVT crimp contacts

Kontaktzahlen
No. of contacts

23 + ⏚

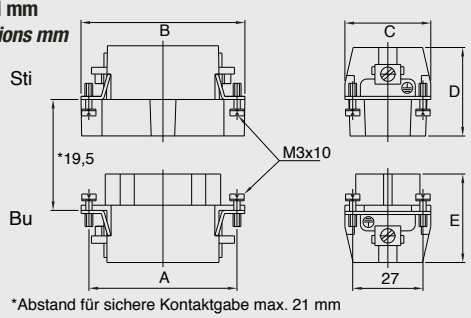
400 V/16 A

Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*			
Crimpanschluss/*Crimp terminal*			
	HVT.23.Sti.C	2-1104008-3	
Buchseneinsatz/*Female insert*			
	HVT.23.Bu.C		2-1104010-3

Maße/*Dimensions*	A	B	C	D	E
mm	**77,5**	**83,5**	**33**	**35**	**40**

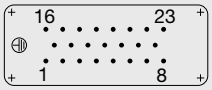
Passende Crimpkontakte siehe Seite 38, Passende Crimpwerkzeuge siehe Seite 38
Suitable Crimp contacts see page 38, Suitable Crimping tools see page 38

Maßbild mm
Dimensions mm

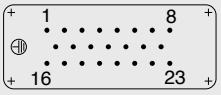


*Abstand für sichere Kontaktgabe max. 21 mm

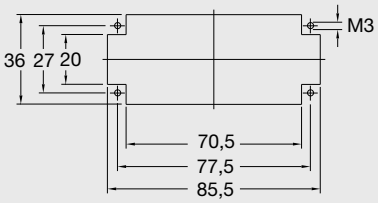
Anschlußseite Stift
Contact arrangement Male insert



Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



HN.D.40/HN.2D.72 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 6*

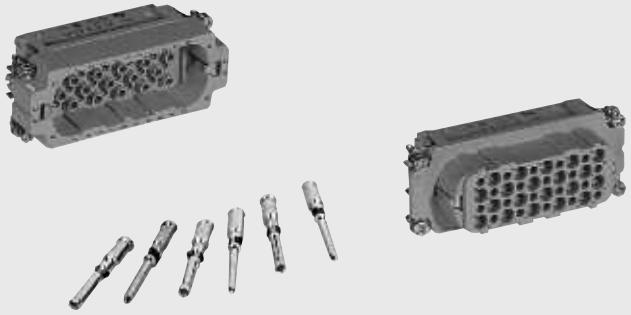
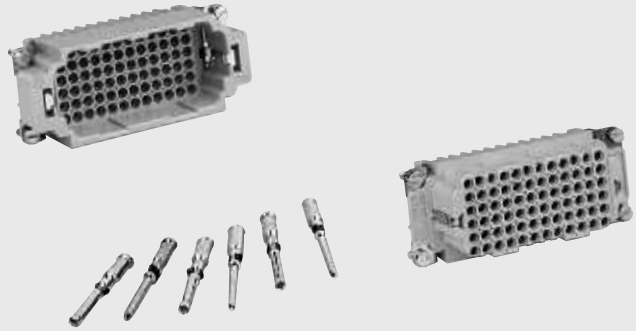
Crimpanschluss für gedrehte HN.D Crimpkontakte

Crimp terminal for screw machined HN.D crimp contacts

Kontaktzahlen
No. of contacts

40/72 + ⏚

250 V/10 A

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert* — Buchseneinsatz/*Female insert*			
Crimpanschluss/*Crimp terminal*			
	HN.D.40.Sti.C	2-1103110-3	
	HN.D.40.Bu.C		2-1103111-3
Crimpanschluss/*Crimp terminal*			
	HN.2D.72.Sti.C.B1-72	2-1103208-3	
	HN.2D.72.Bu.C.B1-72		2-1103212-3

HN.D.40

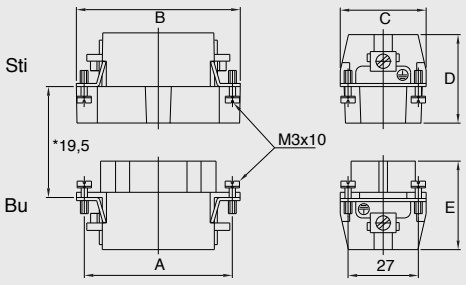
Maße/*Dimensions*	A	B	C	D	E
mm	**77,5**	**84,5**	**33**	**35**	**35**

HN.2D.72

Maße/*Dimensions*	A	B	C	D	E
mm	**77,5**	**83,5**	**34**	**36,5**	**37**

Passende Crimpkontakte siehe Seite 34, Passende Crimpwerkzeuge siehe Seite 34
Suitable Crimp contacts see page 34, Suitable Crimping tools see page 34

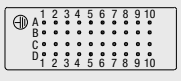
Maßbild mm/*Dimensions mm*



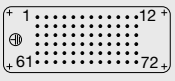
*Abstand für sichere Kontaktgabe max. 21 mm

Anschlußseite Stift/*Contact arrangement Male insert*

HN.D.40

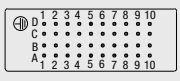


HN.2D.72

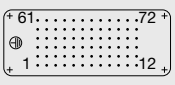


Anschlußseite Buchse/*Contact arrangement Female insert*

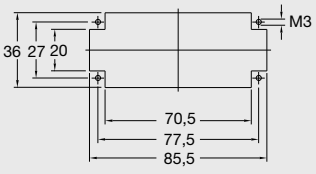
HN.D.40



HN.2D.72



Montageausschnitt
Panel cut-out



HD.40 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 6*

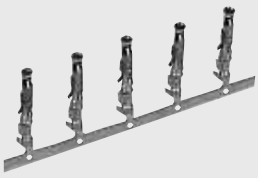
Crimpanschluss für gestanzte HD.M Crimpkontakte

Crimp terminal for stamped HD.M crimp contacts

Kontaktzahlen
No. of contacts

40 + ⏚

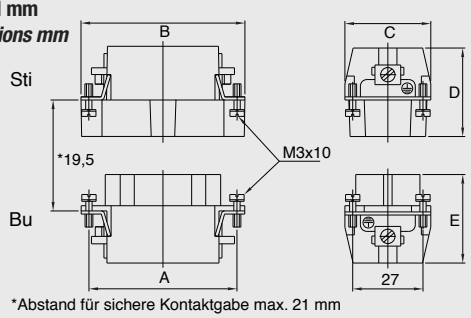
250 V/10 A

Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*			
Crimpanschluss/*Crimp terminal*			
	HD.40.Sti.C	2-1103012-3	
			
Buchseneinsatz/*Female insert*			
	HD.40.Bu.C		2-1103013-3

Maße/*Dimensions*	A	B	C	D	E
mm	**77,5**	**84,5**	**33**	**35**	**35**

Passende Crimpkontakte siehe Seite 35, Passende Crimpwerkzeuge siehe Seite 35
Suitable Crimp contacts see page 35, Suitable Crimping tools see page 35

Maßbild mm
Dimensions mm

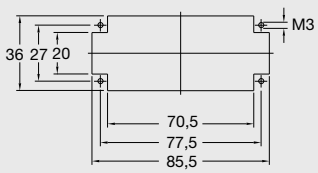


*Abstand für sichere Kontaktgabe max. 21 mm

Anschlußseite Stift
Contact arrangement Male insert

Anschlußseite Buchse
Contact arrangement Female insert

Montageausschnitt
Panel cut-out



HSK.6+36 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 6*

Crimpanschluss für gedrehte HSK/HN.D Crimpkontakte

Crimp terminal for screw machined HSK/HN.D crimp contacts

Kontaktzahlen
No. of contacts

6 + 36 + ⏚

690 V/40 A, 250 V/10 A

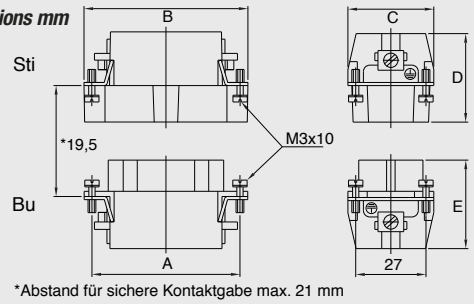
Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*	HSK.6/36.Sti.C	0-1108761-1	
Buchseneinsatz/*Female insert*	HSK.6/36.Bu.C		0-1108762-1

Crimpanschluss/*Crimp terminal*

Maße/*Dimensions*	A	B	C	D	E
mm	**77,5**	**83,5**	**34**	**39**	**41**

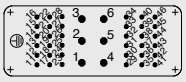
Passende Crimpkontakte Power siehe Seite 39, passende Crimpkontakte Signal siehe Seite 34
Suitable Crimp contacts Power see page 39, suitable Crimp contacts Signal see page 34

Maßbild mm
Dimensions mm

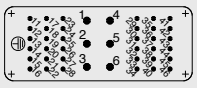


*Abstand für sichere Kontaktgabe max. 21 mm

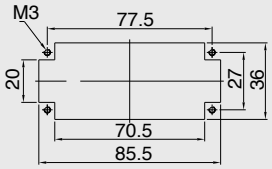
Anschlußseite Stift
Contact arrangement Male insert



Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



HMX.6/12 + 12/2 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 6*

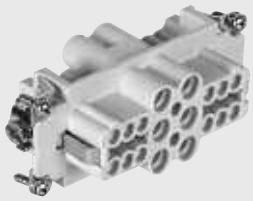
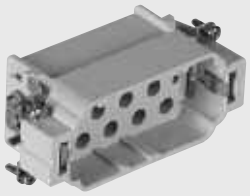
Crimpanschluss für gedrehte HSK/HN.D Crimpkontakte

Crimp terminal for screw machined HSK/HN.D crimp contacts

Kontaktzahlen
No. of contacts

6/12; 12/2 + ⏚

690 V/40 A, 400 V/10 A; 500 V/40 A, 250 V/10 A

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*			
Crimpanschluss/*Crimp terminal*			
	HMX.6/12.Sti.C	0-1103146-1	
	HMX.6/12.Bu.C		0-1103147-1
	HMX.12/2.Sti.C	0-1103153-1	
	HMX.12/2.Bu.C		0-1103154-1

HMX.6/12

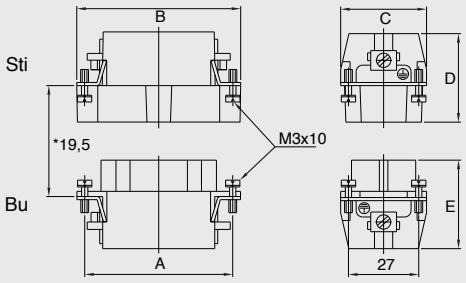
Maße/*Dimensions*	A	B	C	D	E
mm	**77,5**	**84**	**35**	**39**	**38**

HMX.12/2

Maße/*Dimensions*	A	B	C	D	E
mm	**77,5**	**84**	**34**	**39**	**38**

Passende Crimpkontakte Power siehe Seite 39, passende Crimpkontakte Signal siehe Seite 34
Suitable Crimp contacts Power see page 39, suitable Crimp contacts Signal see page 34

Maßbild mm/*Dimensions mm*

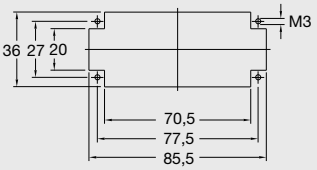


*Abstand für sichere Kontaktgabe max. 21 mm

Anschlußseite Stift
Contact arrangement Male insert

Anschlußseite Buchse
Contact arrangement Female insert

Montageausschnitt
Panel cut-out



HSB.6/35; HMX4/2; HMX4/0 Kontakteinsätze/*Contact inserts* — Baugröße/*Size 6*

Schraubanschluss

Screw terminal

Kontaktzahlen
No. of contacts

6; 4/2; 4/0 + ⏚

400 V/35 A; 690 V/80 A, 400 V/16 A; 690 V/80 A

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert* — Buchseneinsatz/*Female insert*			
Schraubanschluss/*Screw terminal*			
	HSB.6.35.Sti.S.B 1-6	1-1104204-1	
	HSB.6.35.Bu.S.B 1-6		1-1104205-1
Schraubanschluss/*Screw terminal*			
	HMX.4/2.Sti.S HMX.4/0.Sti.S	0-1102075-1 0-1104701-1	
	HMX.4/2.Bu.S HMX.4/0.Bu.S		0-1102076-1 0-1104700-1

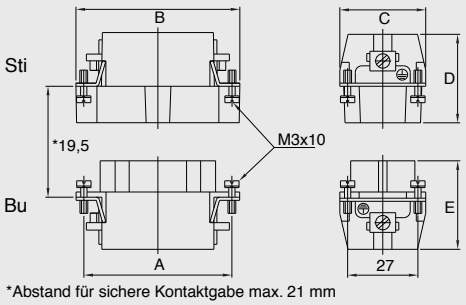
HSB.6/35

Maße/*Dimensions*	A	B	C	D	E
mm	**77,5**	**83,5**	**33**	**33**	**33,5**

HMX.4/2; HMX.4/2

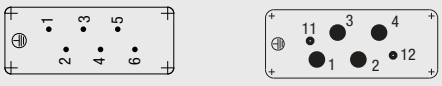
Maße/*Dimensions*	A	B	C	D	E
mm	**77,5**	**83**	**33**	**45**	**46**

Maßbild mm/*Dimensions mm*

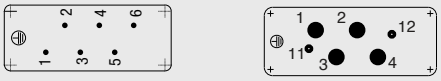


*Abstand für sichere Kontaktgabe max. 21 mm

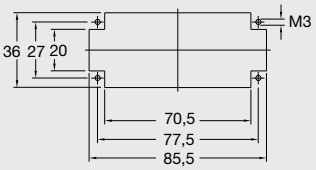
Anschlußseite Stift
Contact arrangement Male insert



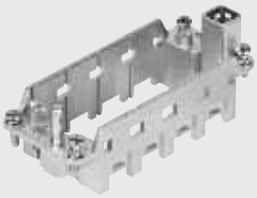
Anschlußseite Buchse
Contact arrangement Female insert

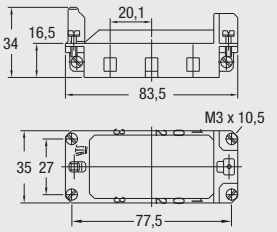


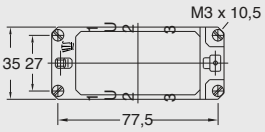
Montageausschnitt
Panel cut-out



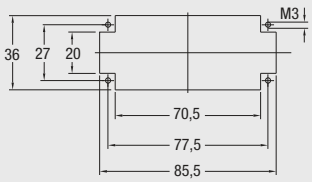
Modul Halterahmen/*Module Fixing Frame* — Baugröße/*Size 6*

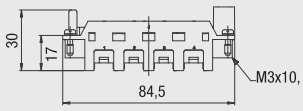
Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Oberteil *Top part*	Bestell-Nr./*Order No.* Unterteil *Bottom part*
Halterahmen/*Fixing frame*			
 Für Modul MDL Seite 194–203 *For module MDL page 194–203*	MDL2-GR.O-6/B.1-3	0-1108782-1	
	MDL2-GR.U-6/B.1-3		0-1108782-2
Halterahmen/*Fixing frame*			
 Für Modul HVS Seite 204–212 *For module HVS page 204–212*	HVS-R.O 1-4	0-1103250-3	
	HVS-R.u 1-4		0-1103250-4

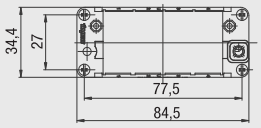




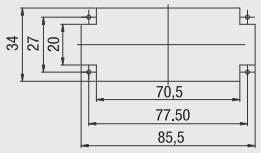
Montageausschnitt/*Panel cut-out*







Montageausschnitt/*Panel cut-out*

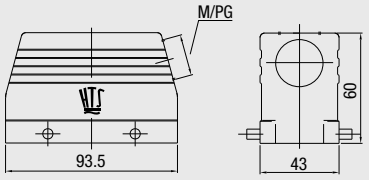
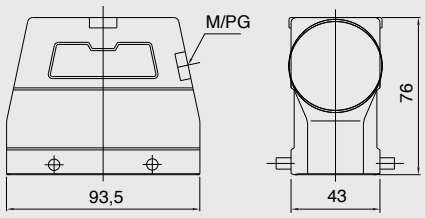
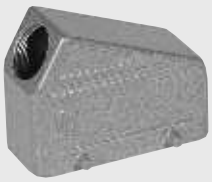
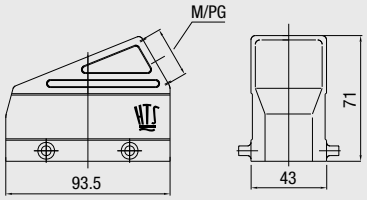
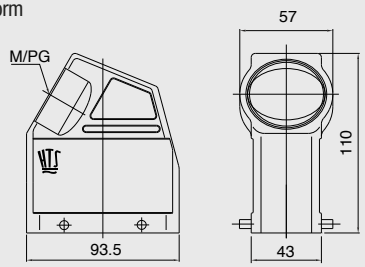
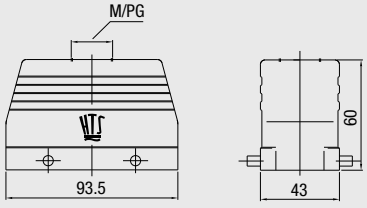


HB.16, HB-K.16, HD.40, HD-K.40 Gehäuse/*Housings* — Baugröße/*Size 6*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Verschlussbügel am Unterteil/*Locking clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Steckergehäuse: Kabeleingang seitlich, Standard Bauform ***Hood:*** *Side entry, Standard construction*				
 	M25 M32	21	HB.16.STS.1.21.G HB.16.STS.1M25.G HB.16.STS.1M32.G Mit Korrosionsschutz *With corrosion protection*	1-1102292-6 2-1106449-5 0-1106449-4
	M32	21	HB-K.16.STS.1.21.G HB-K.16.STS.1M32.G	2-1102292-6 1-1106449-0
Steckergehäuse: Kabeleingang seitlich, Hohe Bauform ***Hood:*** *Side entry, High construction*				
 	M32 M40	21 29	HD.40.STS.1.21.G HD.40.STS.1.29.G HD.40.STS.1.M32.G HD.40.STS.1.M40.G Mit Korrosionsschutz *With corrosion protection*	1-1102564-6 1-1102567-6 0-1106452-4 1-1106452-7
	M32	21 29	HD-K.40.STS.1.21.G HD-K.40.STS.1.29.G HD-K.40.STS.1.M32.G	2-1102564-6 2-1102567-6 1-1106452-0
Steckergehäuse: Kabeleingang seitlich, Keilform ***Hood:*** *Side entry, Standard construction*				
 	M32	21	HB-KF.16.STS.1.21.G HB-KF.16.STS.1.M32.G Mit Korrosionsschutz *With corrosion protection*	1-1102220-6 1-1106449-5
	M32	21	HB-KF/K.16.STS.1.21.G HB-KF/K.16.STS.1.M32.G	2-1102220-6 1-1106449-8
Steckergehäuse: Kabeleingang seitlich, Keilform ***Hood:*** *Side entry, Standard construction*				
 	M40	29	HD-KF.40.STS.1.29.G HD-KF.40.STS.1.M40.G Mit Korrosionsschutz *With corrosion protection*	1-1102765-0 1-1102766-0
	M40	29	HD-KF/K.40.STS.1.29.G HD-KF/K.40.STS.1.M40.G	2-1102765-0 2-1102766-0
Steckergehäuse: Kabeleingang oben, Standard Bauform ***Hood:*** *Top entry, Standard construction*				
 	M32	21	HB.16.STO.1.21.G HB.16.STO.1M32.G Mit Korrosionsschutz *With corrosion protection*	1-1102295-6 0-1106449-1
	M32	21	HB-K.16.STO.1.21.G HB-K.16.STO.1M32.G	2-1102295-6 0-1106449-7

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

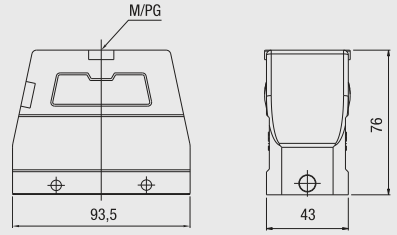
HB.16, HB-K.16, HD.40, HD-K.40 Gehäuse/*Housings* — Baugröße/*Size 6*

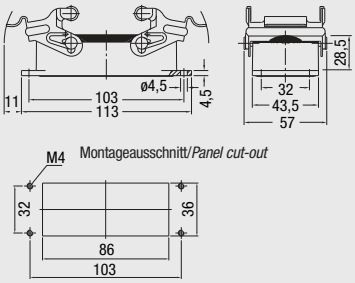
Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

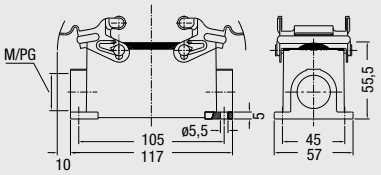
Powder-coated, silver-grey
K = corrosion-resistant, black

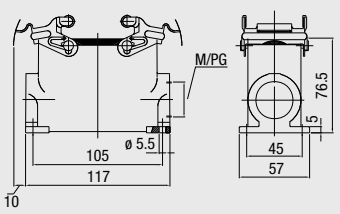
Verschlussbügel am Unterteil/*Locking clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Steckergehäuse: Kabeleingang oben, Hohe Bauform ***Hood:*** *Top entry, High construction*				
		2x21	HD.40.STO.2.21.G	3-1102570-0
		21	HD.40.STO.1.21.G	1-1102570-6
		29	HD.40.STO.1.29.G	1-1102573-6
	M32		HD.40.STO.1.M32.G	0-1106452-1
	M40		HD.40.STO.1.M40.G	0-1102920-1
			Mit Korrosionsschutz With corrosion protection	
		21	HD-K.40.STO.1.21.G	2-1102570-6
		29	HD-K.40.STO.1.29.G	2-1102573-6
	M32		HD-K.40.STO.1.M32.G	0-1106452-7
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*				
			HB.16.AG-VS	1-1102296-1
			Mit Korrosionsschutz With corrosion protection	
			HB-K.16.AG-VS	2-1102296-1
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*				
		21	HB.16.SG-VS.1.21.Z	1-1102299-1
		2x21	HB.16.SG-VS.2.21.Z	1-1102301-1
	M25		HB.16.SG-VS.1.M25.Z	0-1103060-1
	2xM25		HB.16.SG-VS.2.M25.Z	0-1106448-4
			Mit Korrosionsschutz *With corrosion protection*	
		21	HB-K.16.SG-VS.1.21.Z	2-1102299-1
		2x21	HB-K.16.SG-VS.2.21.Z	2-1102301-1
	M25		HB-K.16.SG-VS.1.M25.Z	1-1106448-2
	2xM25		HB-K.16.SG-VS.2.M25.Z	0-1106448-9
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform ***Surface mounted housing:*** *Side entry, High construction*				
		21	HD.40.SG-VS.1.21.Z	1-1102575-1
		2x21	HD.40.SG-VS.2.21.Z	1-1102577-1
		29	HD.40.SG-VS.1.29.Z	1-1102579-1
		2x29	HD.40.SG-VS.2.29.Z	1-1102581-1
	M32		HD.40.SG-VS.1.M32.Z	0-1103082-1
	2xM32		HD.40.SG-VS.2.M32.Z	0-1106451-4
			Mit Korrosionsschutz *With corrosion protection*	
		21	HD-K.40.SG-VS.1.21.Z	2-1102575-1
		2x21	HD-K.40.SG-VS.2.21.Z	2-1102577-1
		29	HD-K.40.SG-VS.1.29.Z	2-1102579-1
	2xM32		HD-K.40.SG-VS.2.M32.Z	0-1106451-8









Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

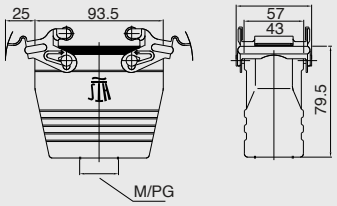
HB.16, HB-K.16, HD.40, HD-K.40 Gehäuse/*Housings* — Baugröße/*Size 6*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Verschlussbügel am Unterteil/*Locking clip at housing bottom* — IP 65

Kupplungsgehäuse: Kabeleingang unten, Hohe Bauform
Cable-to-cable hood: *Bottom entry, High construction*



Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
		21	HD.40.KDO-VS.1.21.G	1-1102584-1
		29	HD.40.KDO-VS.1.29 G	1-1102587-1
	M32		HD.40.KDO-VS.1.M32.G	0-1106450-2
			Mit Korrosionsschutz *With corrosion protection*	
		29	HD-K.40.KDO-VS.1.29 G	2-1102587-1
	M32		HD-K.40.KDO-VS.1.M32.G	0-1106450-4

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

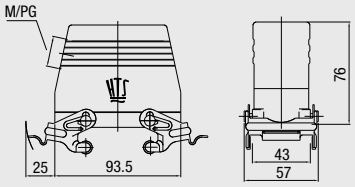
HB.16, HB-K.16, HD.40, HD-K.40 Gehäuse/*Housings* — Baugröße/*Size 6*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

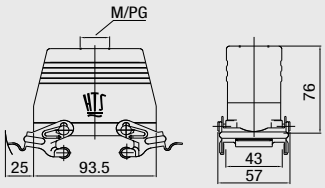
Verschlussbügel am Oberteil/*Locking clip on hood* — IP 65

Steckergehäuse: Kabeleingang seitlich, Hohe Bauform
Hood: *Side entry, High construction*



Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
		21	HD.40.STS-VS.1.21.G	1-1102564-1
		29	HD.40.STS-VS.1.29.G	1-1102567-1
	M32		HD.40.STS-VS.1.M32.G	0-1106452-6
			Mit Korrosionsschutz *With corrosion protection*	
		21	HD-K.40.STS-VS.1.21.G	2-1102564-1
		29	HD-K.40.STS-VS.1.29.G	2-1102567-1
	M32		HD-K.40.STS-VS.1.M32.G	1-1106452-2

Steckergehäuse: Kabeleingang oben, Hohe Bauform
Hood: *Top entry, High construction*



		21	HD.40.STO-VS.1.21.G	1-1102570-1
		29	HD.40.STO-VS.1.29.G	1-1102573-1
	M32		HD.40.STO-VS.1.M32.G	0-1106452-3
			Mit Korrosionsschutz *With corrosion protection*	
		21	HD-K.40.STO-VS.1.21.G	2-1102570-1
	M32		HD-K.40.STO-VS.1.M32.G	0-1106452-9

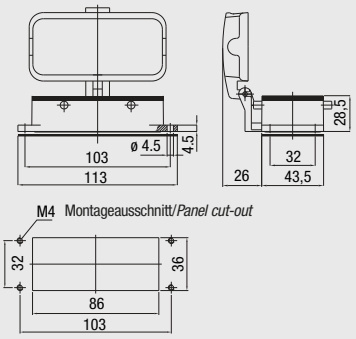
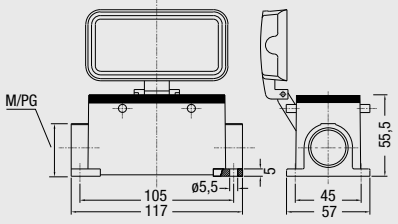
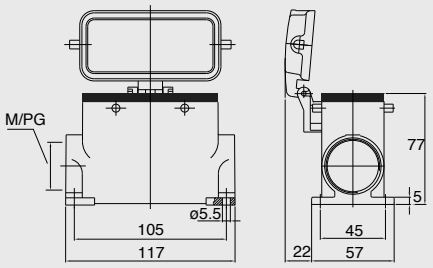
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HB.16, HB-K.16, HD.40, HD-K.40 Gehäuse/*Housings* — Baugröße/*Size 6*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Verschlussbügel am Oberteil/*Locking clip on hood* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*				
 			HB.16.AGD	1-1102305-6
			Mit Korrosionsschutz *With corrosion protection*	
			HB-K.16.AGD	2-1102305-6
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*				
 		21	HB.16.SGD.1.21.Z	1-1102308-6
		2x21	HB.16.SGD.2.21.Z	1-1102310-6
	M25		HB.16.SGD.1.M25.Z	0-1103060-2
	2xM25		HB.16.SGD.2.M25.Z	0-1106448-1
			Mit Korrosionsschutz *With corrosion protection*	
		21	HB-K.16.SGD.1.21.Z	2-1102308-6
		2x21	HB-K.16.SGD.2.21.Z	2-1102310-6
	2xM25		HB-K.16.SGD.2.M25.Z	0-1106448-5
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform ***Surface mounted housing:*** *Side entry, High construction*				
 		21	HD.40.SGD.1.21.Z	1-1102589-6
		2x21	HD.40.SGD.2.21.Z	1-1102591-6
		29	HD.40.SGD.1.29.Z	1-1102593-6
		2x29	HD.40.SGD.2.29.Z	1-1102595-6
	2xM32		HD.40.SGD.2.M32.Z	0-1106451-1
			Mit Korrosionsschutz *With corrosion protection*	
		21	HD-K.40.SGD.1.21.Z	2-1102589-6
		2x21	HD-K.40.SGD.2.21.Z	2-1102591-6
	2xM32		HD-K.40.SGD.2.M32.Z	0-1106451-5

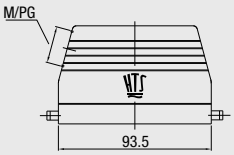
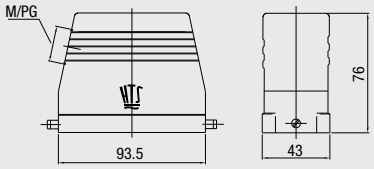
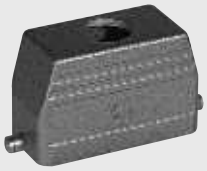
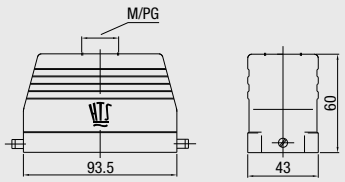
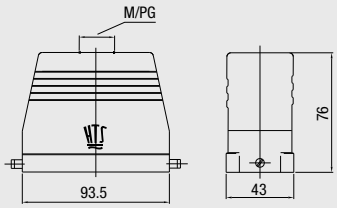
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HB.16, HB-K.16, HD.40, HD-K.40 Gehäuse/*Housings* — Baugröße/*Size 6*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Steckergehäuse: Kabeleingang seitlich, Standard Bauform ***Hood:*** *Side entry, Standard construction*				
 	M32	21	HB.16.STS-GR.1.21.G HB.16.STS-GR.1.M32.G	1-1102292-7 0-1106449-5
			Mit Korrosionsschutz *With corrosion protection*	
	M32	21	HB-K.16.STS-GR.1.21.G HB-K.16.STS-GR.1.M32.G	2-1102292-7 1-1106449-1
Steckergehäuse: Kabeleingang seitlich, Hohe Bauform ***Hood:*** *Side entry, High construction*				
 	M32	21 29	HD.40.STS-GR.1.21.G HD.40.STS-GR.1.29.G HD.40.STS-GR.1.M32.G	1-1102564-7 1-1102567-7 0-1106452-5
			Mit Korrosionsschutz *With corrosion protection*	
	M32	21 29	HD-K.40.STS-GR.1.21.G HD-K.40.STS-GR.1.29.G HD-K.40.STS-GR.1.M32.G	2-1102564-7 2-1102567-7 1-1106452-1
Steckergehäuse: Kabeleingang oben, Standard Bauform ***Hood:*** *Top entry, Standard construction*				
 	M32	21	HB.16.STO-GR.1.21.G HB.16.STO-GR.1.M32.G	1-1102295-7 0-1106449-2
			Mit Korrosionsschutz *With corrosion protection*	
	M32	21	HB-K.16.STO-GR.1.21.G HB-K.16.STO-GR.1.M32.G	2-1102295-7 0-1106449-8
Steckergehäuse: Kabeleingang oben, Hohe Bauform ***Hood:*** *Top entry, High construction*				
 	M32	21 29	HD.40.STO-GR.1.21.G HD.40.STO-GR.1.29.G HD.40.STO-GR.1.M32.G	1-1102570-7 1-1102573-7 0-1106452-2
			Mit Korrosionsschutz *With corrosion protection*	
	M32	21	HD-K.40.STO-GR.1.21.G HD-K.40.STO-GR.1.M32.G	2-1102570-7 0-1106452-8

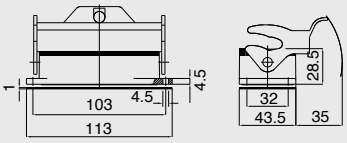
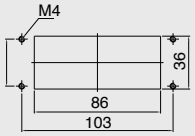
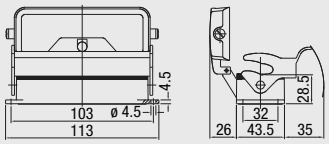
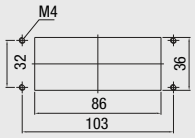
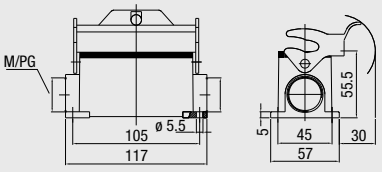
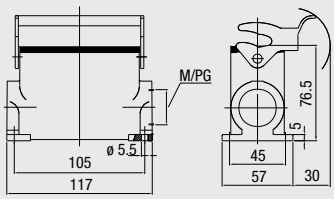
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HB.16, HB-K.16, HD.40, HD-K.40 Gehäuse/*Housings* — Baugröße/*Size 6*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*				
 			HB.16.AG-LB	1-1102296-2
			Mit Korrosionsschutz *With corrosion protection*	
			HB-K.16.AG-LB	2-1102296-2
 Montageausschnitt *Panel cut-out*				
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*				
 			HB.16.AGD-LB	1-1102305-2
			Mit Korrosionsschutz *With corrosion protection*	
			HB-K.16.AGD-LB	2-1102305-2
 Montageausschnitt *Panel cut-out*				
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*				
 	M25 2xM25	21 2x21	HB.16.SG-LB.1.21.Z HB.16.SG-LB.2.21.Z HB.16.SG-LB.1.M25.Z HB.16.SG-LB.2.M25.Z	1-1102299-2 1-1102301-2 0-1103060-3 0-1106448-3
			Mit Korrosionsschutz *With corrosion protection*	
	2xM25		HB-K.16.SG-LB.2.M25.Z	0-1106448-7
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform ***Surface mounted housing:*** *Side entry, High construction*				
 		21 2x21 29 2x29	HD.40.SG-LB.1.21.Z HD.40.SG-LB.2.21.Z HD.40.SG-LB.1.29.Z HD.40.SG-LB.2.29.Z	1-1102575-2 1-1102577-2 1-1102579-2 1-1102581-2
	2xM32		HD.40.SG-LB.2.M32.Z	0-1106451-3
			Mit Korrosionsschutz *With corrosion protection*	
		21	HD-K.40.SG-LB.1.21.Z	2-1102575-2
	2xM32		HD-K.40.SG-LB.2.M32.Z	0-1106451-7

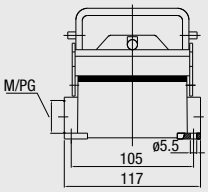
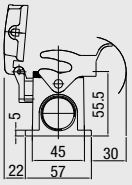
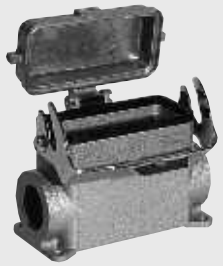
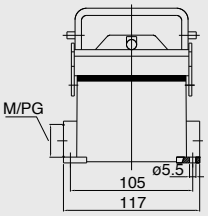
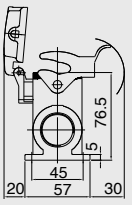
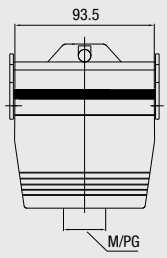
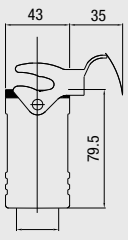
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HB.16, HB-K.16, HD.40, HD-K.40 Gehäuse/*Housings* — Baugröße/*Size 6*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*				
  	2xM25	21	HB.16.SGD-LB.1.21.Z	1-1102308-2
		2x21	HB.16.SGD-LB.2.21.Z	1-1102310-2
			HB.16.SGD-LB.2.M25.Z	0-1106448-2
			Mit Korrosionsschutz *With corrosion protection*	
	2xM25	21	HB-K.16.SGD-LB.1.21.Z	2-1102308-2
		2x21	HB-K.16.SGD-LB.2.21.Z	2-1102310-2
			HB-K.16.SGD-LB.2.M25.Z	0-1106448-6
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform ***Surface mounted housing:*** *Side entry, High construction*				
  	2xM32	21	HD.40.SGD-LB.1.21.Z	1-1102589-2
		2x21	HD.40.SGD-LB.2.21.Z	1-1102591-2
		29	HD.40.SGD-LB.1.29.Z	1-1102593-2
		2x29	HD.40.SGD-LB.2.29.Z	1-1102595-2
			HD.40.SGD-LB.2.M32.Z	0-1106451-2
			Mit Korrosionsschutz *With corrosion protection*	
	2xM32	21	HD-K.40.SGD-LB.1.21.Z	2-1102589-2
		2x21	HD-K.40.SGD-LB.2.21.Z	2-1102591-2
		29	HD-K.40.SGD-LB.1.29.Z	2-1102593-2
		2x29	HD-K.40.SGD-LB.2.29.Z	2-1102595-2
			HD-K.40.SGD-LB.2.M32.Z	0-1106451-6
Kupplungsgehäuse: Kabeleingang unten, Hohe Bauform ***Cable-to-cable hood:*** *Bottom entry, High construction*				
  	M32	21	HD.40.KDO-LB.1.21.G	1-1102584-2
		29	HD.40.KDO-LB.1.29.G	1-1102587-2
			HD.40.KDO-LB.1.M32.G	0-1106450-1
			Mit Korrosionsschutz *With corrosion protection*	
	M32		HD-K.40.KDO-LB.1.M32.G	0-1106450-3

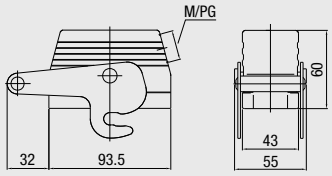
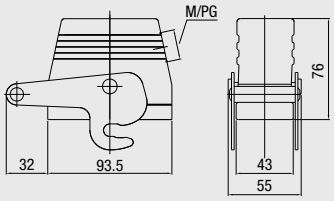
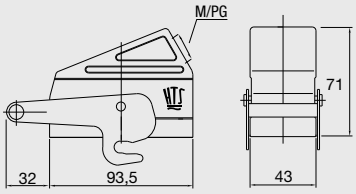
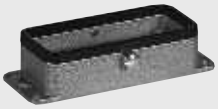
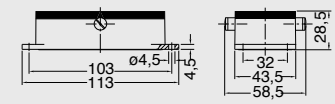
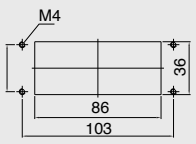
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HB-Z.16, HB-K/Z.16, HD-Z.40, HD-K/Z.40 Gehäuse/*Housings* — Baugröße/*Size 6*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Zentralbügel am Steckergehäuse/*Central locking clip on hood* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Steckergehäuse: Kabeleingang seitlich, Standard Bauform ***Hood:*** *Side entry, Standard construction*				
 		21	HB-Z.16.STS-ZB.1.21.G	1-1102292-3
	M32		HB-Z.16.STS-ZB.1.M32.G	2-1106449-4
			Mit Korrosionsschutz *With corrosion protection*	
		21	HB-K/Z.16.STS-ZB.1.21.G	2-1102292-3
	M32		HB-K/Z.16.STS-ZB.1.M32.G	1-1106449-4
Steckergehäuse: Kabeleingang seitlich, Hohe Bauform ***Hood:*** *Side entry, High construction*				
 		21	HD-Z.40.STS-ZB.1.21.G	1-1102564-3
		29	HD-Z.40.STS-ZB.1.29.G	1-1102567-3
	M32		HD-Z.40.STS-ZB.1.M32.G	1-1106452-6
			Mit Korrosionsschutz *With corrosion protection*	
		21	HD-K/Z.40.STS-ZB.1.21.G	2-1102564-3
		29	HD-K/Z.40.STS-ZB.1.29.G	2-1102567-3
	M32		HD-K/Z.40.STS-ZB.1.M32.G	1-1106452-4
Steckergehäuse: Kabeleingang seitlich, Keilform ***Hood:*** *Side entry, Standard construction*				
 		21	HB-KF-Z.16.STS-ZB.1.21.G	1-1102220-3
	M32		HB-KF-Z.16.STS-ZB.1.M32.G	2-1106449-2
			Mit Korrosionsschutz *With corrosion protection*	
		21	HB-KF/K-Z.16.STS-ZB.1.21.Z	2-1102220-3
	M32		HB-KF/K-Z.16.STS-ZB.1.M32.G	2-1106449-1
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*				
 			HB-Z.16.AG-ZVGR	1-1102296-8
			Mit Korrosionsschutz *With corrosion protection*	
			HB-K/Z.16.AG-ZVGR	2-1102296-8
 Montageausschnitt *Panel cut-out*				

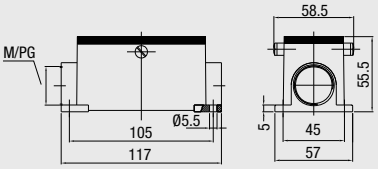
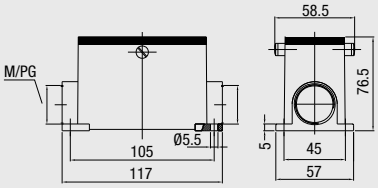
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HB-Z.16, HB-K/Z.16, HD-Z.40, HD-K/Z.40 Gehäuse/*Housings* — Baugröße/*Size 6*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Zentralbügel am Steckergehäuse/*Central locking clip on hood* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*				
 		21	HB-Z.16.SG-ZVGR.1.21.Z	1-1102299-8
		2x21	HB-Z.16.SG-ZVGR.2.21.Z	1-1102301-8
	2xM25		HB-Z.16.SG-ZVGR.2.M25.G	1-1106448-1
			Mit Korrosionsschutz *With corrosion protection*	
		21	HB-K/Z.16.SG-ZVGR.1.21.Z	2-1102299-8
		2x21	HB-K/Z.16.SG-ZVGR.2.21.Z	2-1102301-8
	2xM25		HB-K/Z.16.SG-ZVGR.2.M25.G	1-1106448-0
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform ***Surface mounted housing:*** *Side entry, High construction*				
 	2xM32		HD-Z.40.SG-ZVGR.2.M32.G	1-1106451-0
			Mit Korrosionsschutz *With corrosion protection*	
	2xM32		HD-K/Z.40.SG-ZVGR.2.M32.G	0-1106451-9

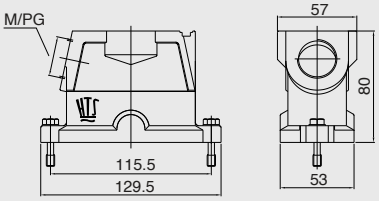
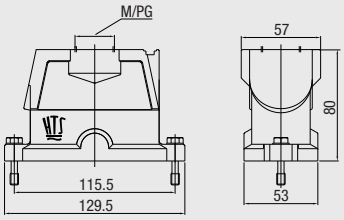
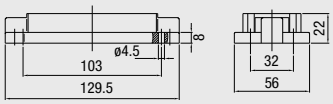
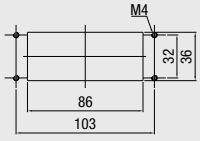
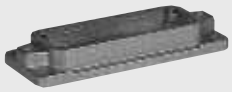
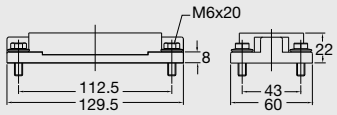
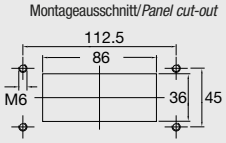
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HIP.16/40, HIP-K.16/40, EMV-K.16/40 Gehäuse/*Housings* — Baugröße/*Size 6*

HIP: Druckdicht, silbergrau, HIP-K: Korrosionsgeschützt, schwarz
EMV-K: Schutz gegen elektromagnetische Beeinflussung, druckdicht, korrosionsgeschützt, schwarz

HIP: Pressure-tight, silver-grey, HIP-K: Housings corrosion-resistant, black
EMV-K: Protection against electro-magnetic interference, pressure-tight, housings corrosion-resistant, black

Druckdicht bis ≤ 5 bar/*pressure-tight up to 5 bar* — IP 68

Bezeichnung / *Description*	Metr.	PG	Bestelltext / *Designation*	Bestell-Nr. / *Order No.*
Steckergehäuse: Kabeleingang seitlich ***Hood:*** *Side entry*				
 			**HIP**	
		21	HIP.16/40.STS.1.21.G	1-1102649-5
		29	HIP.16/40.STS.1.29.G	1-1102651-5
	M32		HIP.16/40.STS.1.M32.G	0-1106454-2
			HIP-K	
		29	HIP-K.16/40.STS.1.29.G	2-1102651-5
	M32		HIP-K.16/40.STS.1.M32.G	0-1106444-2
			EMV-K	
		29	EMV-K.16/40.STS.1.29.G	4-1102723-5
	M32		EMV-K.16/40.STS.1.M32.G	0-1106446-4
		21	EMV-K.16/40.STS.1.21.G	4-1102722-5
Steckergehäuse: Kabeleingang oben ***Hood:*** *Top entry*				
 			**HIP**	
		21	HIP.16/40.STO.1.21.G	1-1102653-5
		29	HIP.16/40.STO.1.29.G	1-1102655-5
	M32		HIP.16/40.STO.1.M32.G	0-1106454-1
			HIP-K	
		21	HIP-K.16/40.STO.2.21.G	0-1108534-1
		29	HIP-K.16/40.STO.1.29.G	2-1102655-5
	M32		HIP-K.16/40.STO.1.M32.G	0-1106444-1
			EMV-K	
			EMV-K.16/40.STO.1.29.G	4-1102725-5
			EMV-K.16/40.STO.1.M32.G	0-1106446-3
Anbaugehäuse: Kabeleingang unten ***Surface mounted housing:*** *Bottom entry*				
  			**HIP** HIP.16/40.AG	1-1102656-5
			HIP-K HIP-K.16/40.AG	2-1102656-5
			EMV-K EMV-K.16/40 AG	4-1102728-5
Anbaugehäuse: Kabeleingang unten ***Surface mounted housing:*** *Bottom entry*				
  			**HIP** HIP.16/40.AG.M6	1-1102618-5
			HIP-K HIP-K.16/40.AG.M6	2-1102618-5
			EMV-K EMV-K.16/40.AG.M6	4-1102730-5

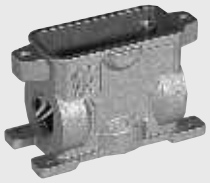
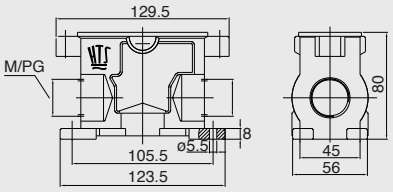
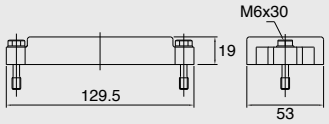
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HIP.16/40, HIP-K.16/40, EMV-K.16/40 Gehäuse/*Housings* — Baugröße/*Size 6*

HIP: Druckdicht, silbergrau, HIP-K: Korrosionsgeschützt, schwarz
EMV-K: Schutz gegen elektromagnetische Beeinflussung, druckdicht, korrosionsgeschützt, schwarz

HIP: Pressure-tight, silver-grey, HIP-K: Housings corrosion-resistant, black
EMV-K: Protection against electro-magnetic interference, pressure-tight, housings corrosion-resistant, black

Druckdicht bis ≤ 5 bar/*pressure-tight up to 5 bar* — IP 68

Bezeichnung / *Description*	Metr.	PG	Bestelltext / *Designation*	Bestell-Nr. / *Order No.*
Sockelgehäuse: Kabeleingang seitlich ***Surface mounted housing:*** *Side entry*				
 			**HIP**	
	2xM32	21	HIP.16/40.SG.1.21.G	1-1102616-5
		2x21	HIP.16/40.SG.2.21.G	1-1102617-5
			HIP.16/40.SG.2.M32.G	0-1106453-1
			HIP-K	
	2xM32	21	HIP-K.16/40.SG.1.21.G	5-1102616-5
		2x21	HIP-K.16/40.SG.2.21.G	2-1102617-5
			HIP-K.16/40.SG.2.M32.G	0-1106443-1
			EMV-K	
	2xM32	21	EMV-K.16/40.SG.1.21.Z	4-1102726-5
		2x21	EMV-K.16/40.SG.2.21.Z	4-1102727-5
			EMV-K.16/40.SG.2.M32.G	0-1106445-2
Schutzkappe für Gehäuse-Unterteile ***Protective covers for housings***				
 			**HIP**	
			HIP/EMV.16/40.SKB	3-1106203-5
			HIP-K	
			HIP-K.16/40.SKB	4-1106203-5

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HA.32 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 7*

Schraubanschluss, Federzug-Anschluss, Crimpanschluss für gedrehte HE/HA Crimpkontakte

Screw terminal, Spring Clamp terminal, Crimp terminal for screw machined HE/HA crimp contacts

Kontaktzahlen
No. of contacts

(2 x 16) 32 + ⏚

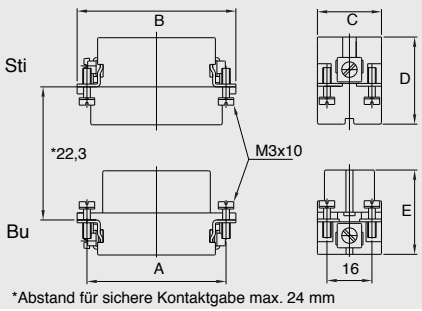
250 V/16 A

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert* — Buchseneinsatz/*Female insert*			
Schraubanschluss/*Screw terminal*			
	HA.16.Sti.S.B 1-16	1-1103416-1	
	HA.16.Sti.S.B 17-32	1-1103416-7	
	HA.16.Bu.S.B 1-16		1-1103417-1
	HA.16.Bu.S.B 17-32		1-1103417-7
Federzug-Anschluss/*Spring Clamp terminal*			
	HA.16.Sti.SC.B 1-16	7-1103416-1	
	HA.16.Sti.SC.B 17-32	7-1103416-7	
	HA.16.Bu.SC.B 1-16		7-1103417-1
	HA.16.Bu.SC.B 17-32		7-1103417-7
Crimpanschluss/*Crimp terminal*			
	HA.16.STI.C.B 1-16	2-1103416-3	
	HA.16.STI.C.B 17-32	2-1103416-7	
	HA.16.BU.C.B 1-16		2-1103417-3
	HA.16.BU.C.B 17-32		2-1103417-7

Maße/*Dimensions*	A	B	C	D	E
mm	**66**	**73**	**23**	**31**	**28**

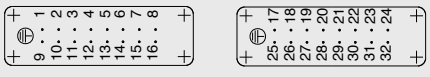
Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

Maßbild mm/*Dimensions mm*

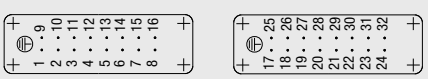


*Abstand für sichere Kontaktgabe max. 24 mm

Anschlußseite Stift
Contact arrangement Male insert



Anschlußseite Buchse
Contact arrangement Female insert



HN.D.50 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 7*

Crimpanschluss für gedrehte HN.D Crimpkontakte

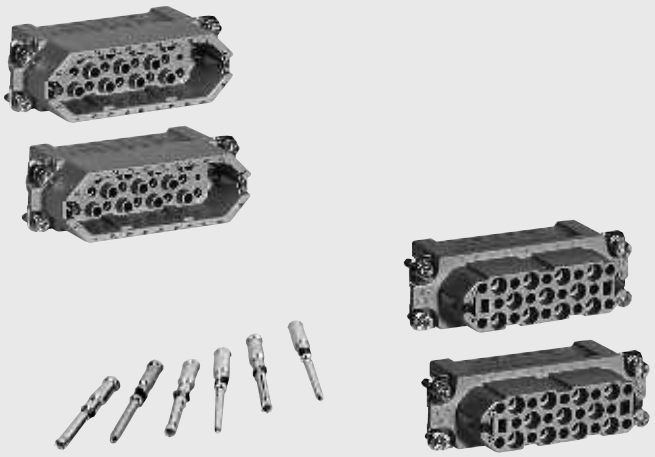
Crimp terminal for screw machined HN.D crimp contacts

Kontaktzahlen
No. of contacts

(2 x 25) 50 + ⏚

250 V/10 A

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*			
Crimpanschluss/*Crimp terminal*	HN.D.25.Sti.C	2-1103108-3	
	HN.D.25.Sti.C .1-25/Z*	0-1103108-1	
Buchseneinsatz/*Female insert*	HN.D.25.Bu.C		2-1103109-3
	HN.D.25.Bu.C .1-25/Z*		0-1103109-1

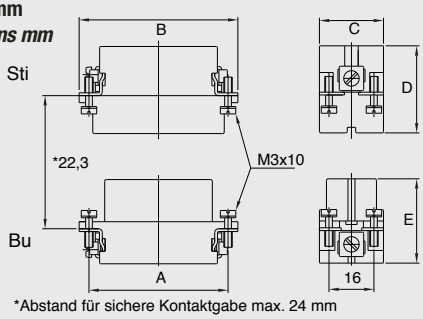


*Zusätzliche Kennzeichnung „Z“ wie in Euromap 67 hinterlegt
**Marked with „Z“ according Euromap 67*

Maße/*Dimensions*	A	B	C	D	E
mm	**66**	**73**	**23**	**35**	**35**

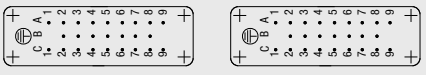
Passende Crimpkontakte siehe Seite 34, Passende Crimpwerkzeuge siehe Seite 34
Suitable Crimp contacts see page 34, Suitable Crimping tools see page 34

Maßbild mm
Dimensions mm

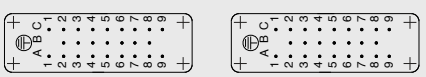


*Abstand für sichere Kontaktgabe max. 24 mm

Anschlußseite Stift
Contact arrangement Male insert



Anschlußseite Buchse
Contact arrangement Female insert



HD.50 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 7*

Crimpanschluss für gestanzte HD.M Crimpkontakte

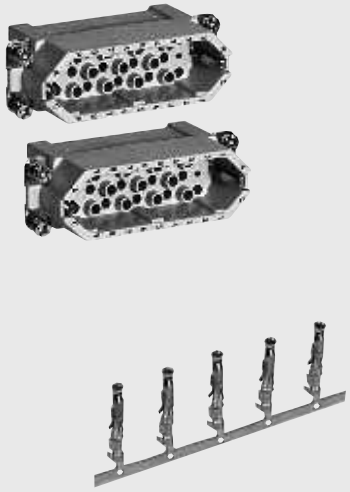
Crimp terminal for stamped HD .Mcrimp contacts

Kontaktzahlen
No. of contacts

(2 x 25) 50 + ⏚

250 V/10 A

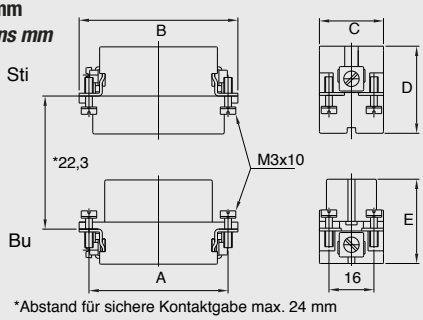
Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*	HD.25.Sti.C	2-1103010-3	
Buchseneinsatz/*Female insert*	HD.25.Bu.C		2-1103011-3
Crimpanschluss/*Crimp terminal*			



Maße/*Dimensions*	A	B	C	D	E
mm	**66**	**73**	**23**	**35**	**35**

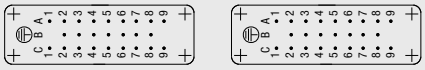
Passende Crimpkontakte siehe Seite 35, Passende Crimpwerkzeuge siehe Seite 35
Suitable Crimp contacts see page 35, Suitable Crimping tools see page 35

Maßbild mm
Dimensions mm

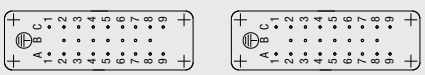


*Abstand für sichere Kontaktgabe max. 24 mm

Anschlußseite Stift
Contact arrangement Male insert



Anschlußseite Buchse
Contact arrangement Female insert



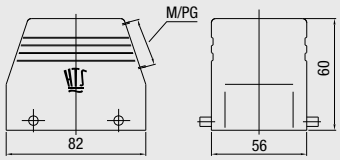
HA.32 Gehäuse/*Housings* — Baugröße/*Size 7*

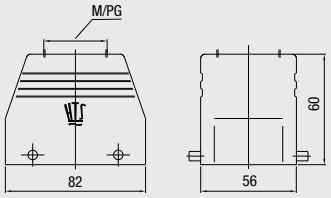
Pulverbeschichtet, silbergrau

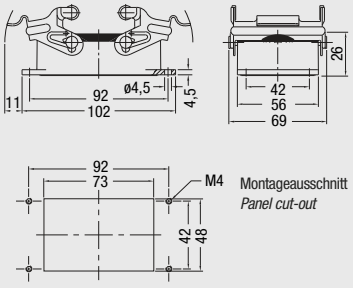
Powder-coated, silver-grey

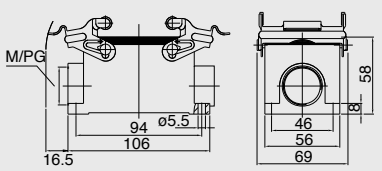
Verschlussbügel am Unterteil/*Locking clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Steckergehäuse: Kabeleingang seitlich, Standard Bauform ***Hood:*** *Side entry, Standard construction*	M25 M40	21	HA.32.STS.1.21.G HA.32.STS.1.M25.G HA.32.STS.1.M40.G	1-1102155-6 0-1106456-3 0-1106439-3
Steckergehäuse: Kabeleingang oben, Standard Bauform ***Hood:*** *Top entry, Standard construction*	M32 M40	21	HA.32.STO.1.21.G HA.32.STO.1.M32.G HA.32.STO.1.M40.G	1-1102158-6 0-1106456-1 0-1106439-1
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*			HA.32.AG-VS	1-1102160-1
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*	2xM25	21 2x21	HA.32.SG-VS.1.21.Z HA.32.SG-VS.2.21.Z HA.32.SG-VS.2.M25.Z	1-1102162-1 1-1102164-1 0-1106455-2

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

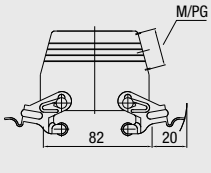
HA.32 Gehäuse/*Housings* — Baugröße/*Size 7*

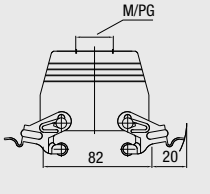
Pulverbeschichtet, silbergrau

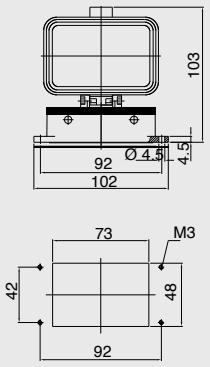
Powder-coated, silver-grey

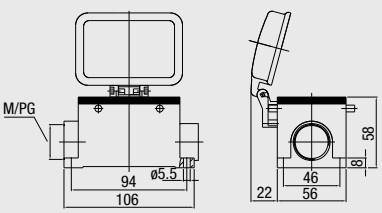
Verschlussbügel am Oberteil/*Locking clip on hood* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Steckergehäuse: Kabeleingang seitlich, Standard Bauform ***Hood:*** *Side entry, Standard construction*	M25 M40	21	HA.32.STS-VS.1.21.G HA.32.STS-VS.1.M25.G HA.32.STS-VS.1.M40.G	1-1102155-1 0-1106456-4 0-1106459-4
Steckergehäuse: Kabeleingang oben, Standard Bauform ***Hood:*** *Top entry, Standard construction*	M32 M40	21	HA.32.STO-VS.1.21.G HA.32.STO-VS.1.M32.G HA.32.STO-VS.1.M40.G	1-1102158-1 0-1106456-2 0-1106459-2
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*			HA.32.AGD	1-1102165-1
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*	2xM25	21 2x21	HA.32.SGD.1.21.Z HA.32.SGD.2.21.Z HA.32.SGD.2.M25.Z	1-1102167-1 1-1102169-1 0-1106455-1

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HE.24 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 8*

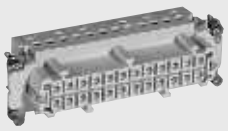
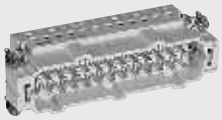
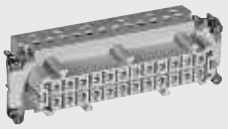
Federzug-Anschluss, Schraubanschluss, Crimpanschluss für gedrehte HE/HA Crimpkontakte

Spring Clamp terminal, Screw terminal, Crimp terminal for screw machined HE/HA crimp contacts

Kontaktzahlen
No. of contacts

24 + ⏚

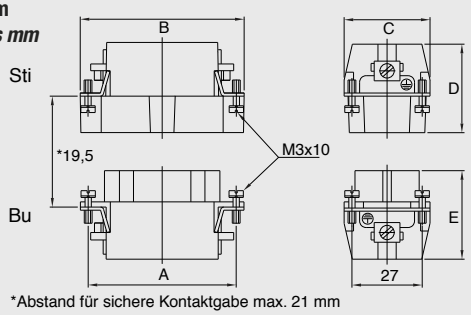
400 V/16 A

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert* — Buchseneinsatz/*Female insert*			
Schraubanschluss/*Screw terminal*			
	HE.24.Sti.S.B 1-24	1-1103640-1	
	HE.24.Bu.S.B 1-24		1-1103641-1
Federzug-Anschluss/*Spring Clamp terminal*			
	HE.24.Sti.SC.B 1-24	7-1103640-1	
	HE.24.Bu.SC.B 1-24		7-1103641-1
Crimpanschluss/*Crimp terminal*			
	HE.24.Sti.C.B 1-24	2-1103640-3	
	HE.24.Bu.C.B 1-24		2-1103641-3

Maße/*Dimensions*	A	B	C	D	E
mm	**104**	**110**	**33**	**34**	**35**

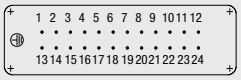
Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

Maßbild mm
Dimensions mm

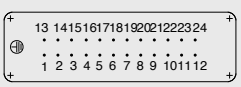


*Abstand für sichere Kontaktgabe max. 21 mm

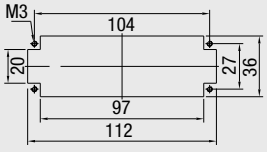
Anschlußseite Stift
Contact arrangement Male insert



Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



HEE.46 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 8*

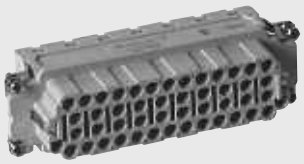
Crimpanschluss für gedrehte HE Crimpkontakte

Crimp terminal for screw machined HE crimp contacts

Kontaktzahlen
No. of contacts

46 + ⏚

500 V/16 A

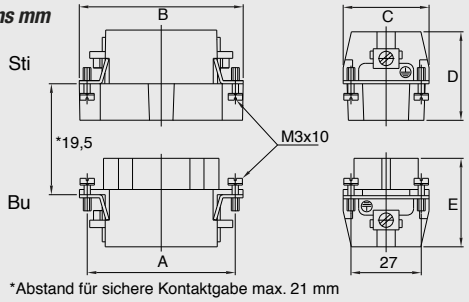
Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*			
Crimpanschluss/*Crimp terminal*			
	HEE.46.Sti.C	0-1102886-1	
	HEE.46.Sti.C.FS*	0-1102886-4	
Buchseneinsatz/*Female insert*			
	HEE.46.Bu.C		0-1102887-1
	HEE.46.Bu.C.FS*		0-1102887-4

*Kunststoff ist I2F1 qualifiziert nach NF-F 16-101, 102
Plastic is qualified I2F1 according NF-F 16-101, 102

Maße/*Dimensions*	A	B	C	D	E
mm	**104**	**110**	**33**	**34**	**37**

Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

Maßbild mm
Dimensions mm

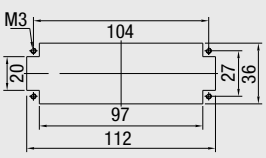


*Abstand für sichere Kontaktgabe max. 21 mm

Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert

Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert

Montageausschnitt
Panel cut-out



HVT.35; HVT.48 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 8*

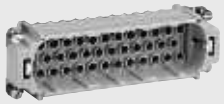
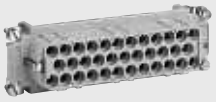
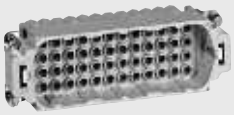
Crimpanschluss für gedrehte HVT Crimpkontakte

Crimp terminal for screw machined HVT crimp contacts

Kontaktzahlen
No. of contacts

35; 48 + ⏚

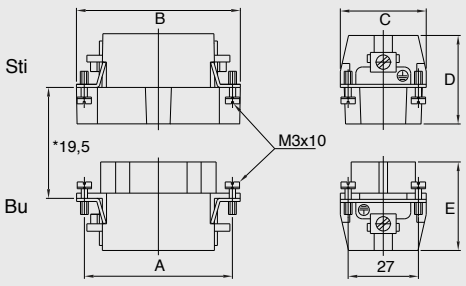
400 V/16 A

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*			
Crimpanschluss/*Crimp terminal* 	HVT.35.Sti.C	2-1104012-3	
Buchseneinsatz/*Female insert* 	HVT.35.Bu.C		2-1104014-3
Crimpanschluss/*Crimp terminal* 	HVT.48.Sti.C	2-1104016-3	
	HVT.48.Bu.C		2-1104018-3

Maße/*Dimensions*	A	B	C	D	E
mm	**104**	**110**	**33**	**35**	**40**

Passende Crimpkontakte siehe Seite 38, Passende Crimpwerkzeuge siehe Seite 38
Suitable Crimp contacts see page 38, Suitable Crimping tools see page 38

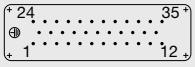
Maßbild mm/*Dimensions mm*



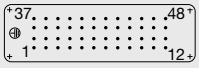
*Abstand für sichere Kontaktgabe max. 21 mm

Anschlußseite Stift/*Contact arrangement Male insert*

HVT.35

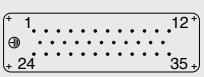


HVT.48



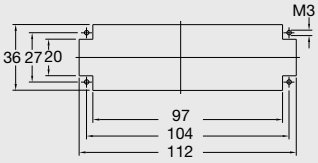
Anschlußseite Buchse/*Contact arrangement Female insert*

HVT.35



HVT.48

Montageausschnitt
Panel cut-out



HN.D.64; HN.2D.108 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 8*

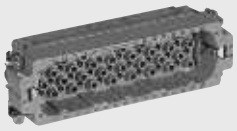
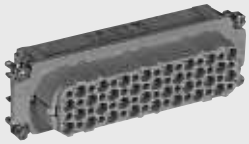
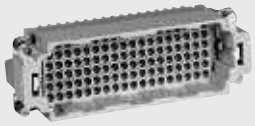
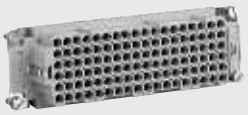
Crimpanschluss für gedrehte HN.D Crimpkontakte

Crimp terminal for screw machined HN.D crimp contacts

Kontaktzahlen
No. of contacts

64; 108 + ⏚

250 V/10 A

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert* — Buchseneinsatz/*Female insert*			
Crimpanschluss/*Crimp terminal*			
	HN.D.64.Sti.C	2-1103112-3	
 	HN.D.64.Bu.C		2-1103113-3
Crimpanschluss/*Crimp terminal*			
	HN.2D.108.Sti.C	2-1103216-3	
 	HN.2D.108.Bu.C		2-1103220-3

HN.D.64

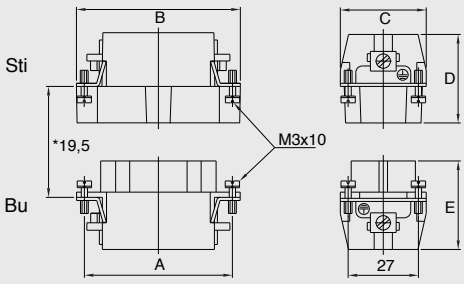
Maße/*Dimensions*	A	B	C	D	E
mm	**104**	**110**	**33**	**35**	**35**

HN.2D.108

Maße/*Dimensions*	A	B	C	D	E
mm	**104**	**110**	**34**	**36,5**	**37**

Passende Crimpkontakte siehe Seite 34, Passende Crimpwerkzeuge siehe Seite 34
Suitable Crimp contacts see page 34, Suitable Crimping tools see page 34

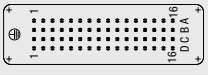
Maßbild mm/*Dimensions mm*



*Abstand für sichere Kontaktgabe max. 21 mm

Anschlußseite Stift/*Contact arrangement Male insert*

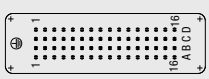
HN.D.64



HN.2D.108

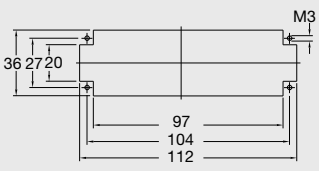
Anschlußseite Buchse/*Contact arrangement Female insert*

HN.D.64



HN.2D.108

Montageausschnitt
Panel cut-out



HD.64 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 8*

Crimpanschluss für gestanzte HD.M Crimpkontakte

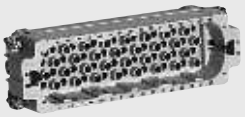
Crimp terminal for stamped HD.M crimp contacts

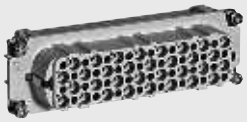
Kontaktzahlen
No. of contacts

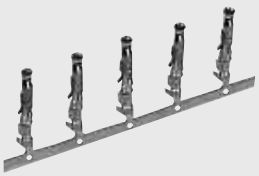
64 + ⏚

250 V/10 A

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*	HD.64.Sti.C	2-1103032-3	
Buchseneinsatz/*Female insert*	HD.64.Bu.C		2-1103033-3
Crimpanschluss/*Crimp terminal*			



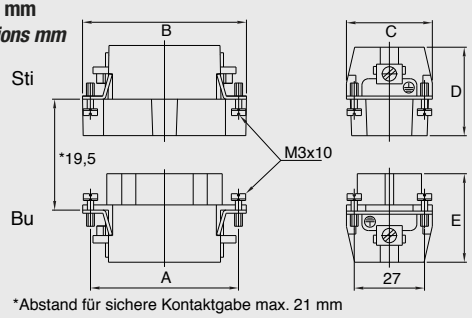




Maße/*Dimensions*	A	B	C	D	E
mm	**104**	**110**	**33**	**35**	**35**

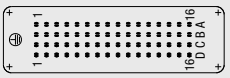
Passende Crimpkontakte siehe Seite 35, Passende Crimpwerkzeuge siehe Seite 35
Suitable Crimp contacts see page 35, Suitable Crimping tools see page 35

Maßbild mm
Dimensions mm



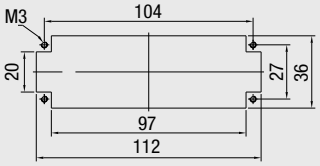
*Abstand für sichere Kontaktgabe max. 21 mm

Anschlußseite Stift
Contact arrangement Male insert



Anschlußseite Buchse
Contact arrangement Female insert

Montageausschnitt
Panel cut-out



HSS.8/2; HMX4/8 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 8*

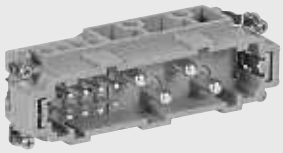
Crimpanschluss, Schraubanschluss

Crimp terminal, Screw terminal

Kontaktzahlen
No. of contacts

8 + 2; 4 + 8

600 V/63 A; 400 V/16 A; 380 V/80 A; 380 V/16 A

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert* / Buchseneinsatz/*Female insert*			
Crimpanschluss/*Crimp terminal*			
	HSS.8/2.Sti.C	2-1104200-3	
	HSS.8/2.Bu.C		2-1104202-3
Schraubanschluss/*Screw terminal*			
	HMX.4/8.Sti.S	0-1103148-1	
	HMX.4/8.Bu.S		0-1103149-1

HSS.8/2

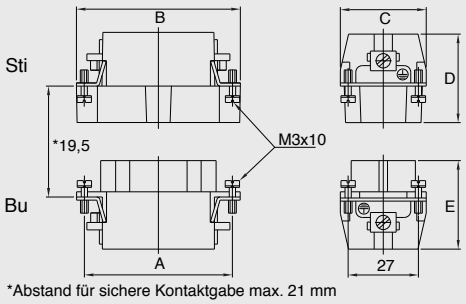
Maße/*Dimensions*	A	B	C	D	E
mm	**104**	**110**	**33**	**40**	**43,5**

HMX4/8

Maße/*Dimensions*	A	B	C	D	E
mm	**104**	**110**	**34**	**42**	**44**

Passende Crimpkontakte siehe Seite 38 (Steuerkontakt), Seite 41 (Lastkontakt), Passende Crimpwerkzeuge siehe Seite 41
Suitable Crimp contacts see page 38 (signal contact), page 41 (power contact), Suitable Crimping tools see page 41

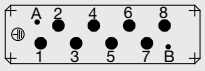
Maßbild mm/*Dimensions mm*



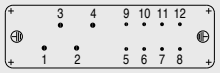
*Abstand für sichere Kontaktgabe max. 21 mm

Anschlußseite Stift/*Contact arrangement Male insert*

HSS.8/2

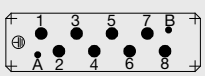


HE-K.4/8

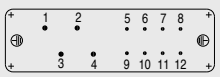


Anschlußseite Buchse/*Contact arrangement Female insert*

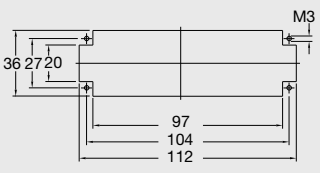
HSS.8/2



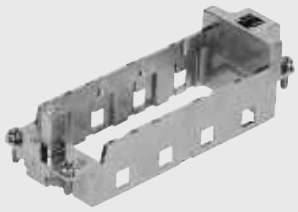
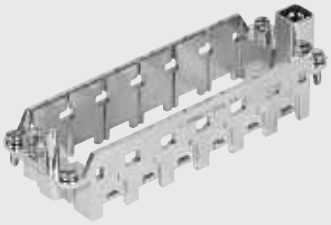
HE-K.4/8

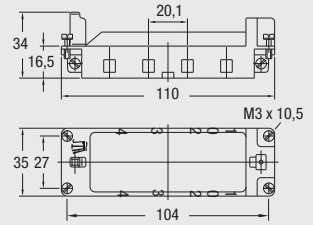


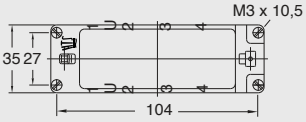
Montageausschnitt
Panel cut-out



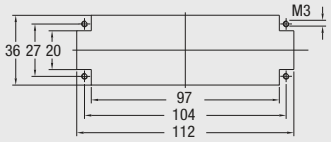
Modul Halterahmen/*Module Fixing Frame* — Baugröße/*Size 8*

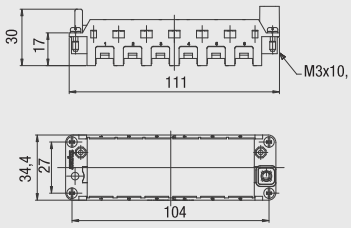
Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Oberteil *Top part*	Unterteil *Bottom part*
Halterahmen/*Fixing frame*			
 Für Modul MDL Seite 194–203 *For module MDL page 194–203*	MDL2-GR.O-8/B.1-4	0-1108780-1	
	MDL2-GR.U-8/B.1-4		0-1108780-2
Halterahmen/*Fixing frame*			
 Für Modul HVS Seite 204–212 *For module HVS page 204–212*	HVS-R.O 1-6	0-1103250-1	
	HVS-R.U 1-6		0-1103250-2



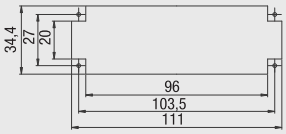


Montageausschnitt/*Panel cut-out*





Montageausschnitt/*Panel cut-out*

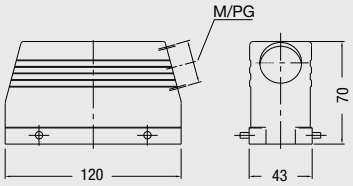
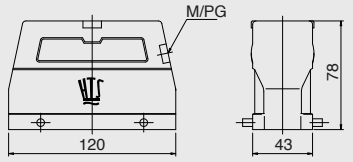
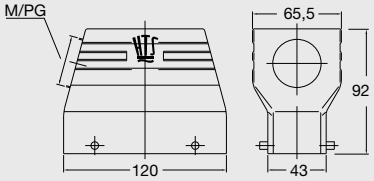


HB/-K.24, HD/-K.64, HD/-K.108 Gehäuse/*Housings* — Baugröße/*Size 8*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Verschlussbügel am Unterteil/*Locking clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Steckergehäuse: Kabeleingang seitlich, Standard Bauform ***Hood:*** *Side entry, Standard construction*				
 		21	HB.24.STS.1.21.G	1-1102316-6
		29	HB.24.STS.1.29.G	1-1102319-6
	M32		HB.24.STS.1.M32.G	0-1106465-4
			Mit Korrosionsschutz *With corrosion protection*	
		21	HB-K.24.STS.1.21 G	2-1102316-6
		29	HB-K.24.STS.1.29 G	2-1102319-6
	M32		HB-K.24.STS.1.M32.G	1-1106465-1
Steckergehäuse: Kabeleingang seitlich, Hohe Bauform ***Hood:*** *Side entry, High construction*				
 		21	HD.64.STS.1.21.G	1-1103336-6
		29	HD.64.STS.1.29.G	1-1103338-6
	M32		HD.64.STS.1.M32.G	0-1106470-4
	M40		HD.64.STS.1.M40.G	1-1106470-9
			Mit Korrosionsschutz *With corrosion protection*	
		21	HD-K.64.STS.1.21.G	2-1103336-6
		29	HD-K.64.STS.1.29.G	2-1103338-6
	M32		HD-K.64.STS.1.M32.G	1-1106470-0
Steckergehäuse: Kabeleingang seitlich, Hohe Bauform ***Hood:*** *Side entry, High construction*				
 		29	HD.108.STS.1.29.G	1-1102411-6
	M50		HD.108.STS.1.M50.G	0-1106467-4
			Mit Korrosionsschutz *With corrosion protection*	
		29	HD-K.108.STS.1.29.G	2-1102411-6
	M50		HD-K.108.STS.1.M50.G	1-1106467-0

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

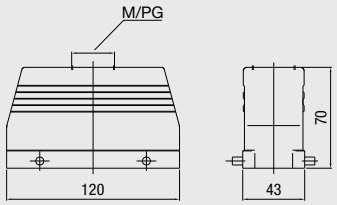
HB/-K.24, HD/-K.64, HD/-K.108 Gehäuse/*Housings* — Baugröße/*Size 8*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

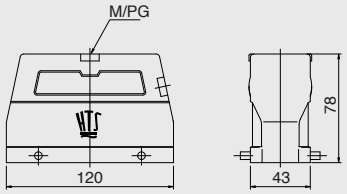
Verschlussbügel am Unterteil/*Locking clip at housing bottom* — IP 65

Steckergehäuse: Kabeleingang oben, Standard Bauform
Hood: *Top entry, Standard construction*



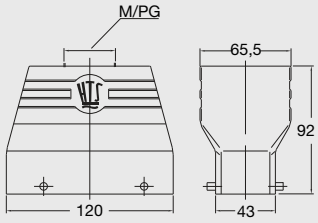
Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
	21	HB.24.STO.1.21.G	1-1102325-6
	29	HB.24.STO.1.29.G	1-1102328-6
M32		HB.24.STO.1.M32.G	0-1106465-1
		Mit Korrosionsschutz *With corrosion protection*	
	21	HB-K.24.STO.1.21.G	2-1102325-6
	29	HB-K.24.STO.1.29.G	2-1102328-6
M32		HB-K.24.STO.1.M32.G	0-1106465-7

Steckergehäuse: Kabeleingang oben, Hohe Bauform
Hood: *Top entry, High construction*



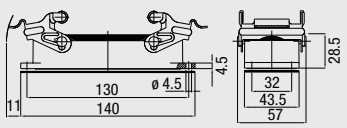
Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
	21	HD.64.STO.1.21.G	1-1103341-6
	29	HD.64.STO.1.29.G	1-1103344-6
M32		HD.64.STO.1.M32.G	0-1106470-1
M40		HD.64.STO.1.M40.G	3-1106470-0
		Mit Korrosionsschutz *With corrosion protection*	
	21	HD-K.64.STO.1.21.G	2-1103341-6
	29	HD-K.64.STO.1.29.G	2-1103344-6
M32		HD-K.64.STO.1.M32.G	0-1106470-7

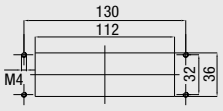
Steckergehäuse: Kabeleingang oben, Hohe Bauform
Hood: *Top entry, High construction*



Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
	36	HD.108.STO.1.36.G	1-1102414-6
M50		HD.108.STO.1.M50.G	0-1106467-1
		Mit Korrosionsschutz *With corrosion protection*	
	36	HD-K.108.STO.1.36.G	2-1102414-6
M50		HD-K.108.STO.1.M50.G	0-1106467-7

Anbaugehäuse: Kabeleingang unten, Standard Bauform
Surface mounted housing: *Bottom entry, Standard construction*





Montageausschnitt
Panel cut-out

Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
		HB.24.AG-VS	1-1102291-1
		Mit Korrosionsschutz *With corrosion protection*	
		HB-K.24.AG-VS	2-1102291-1

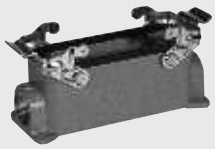
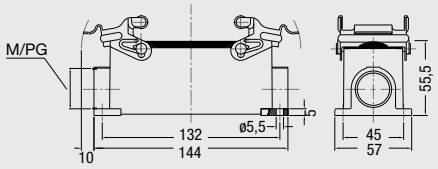
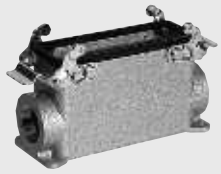
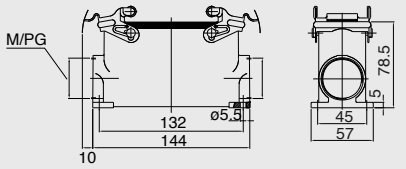
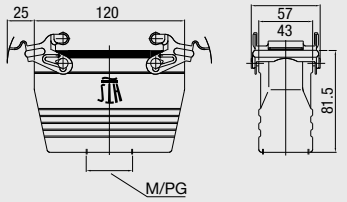
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HB.24, HB-K.24, HD.64, HD-K.64 Gehäuse/*Housings* — Baugröße/*Size 8*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Verschlussbügel am Unterteil/*Locking clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*				
 		21	HB.24.SG-VS.1.21.Z	1-1102331-1
		2x21	HB.24.SG-VS.2.21.Z	1-1102333-1
	M25		HB.24.SG-VS.1.M25.Z	0-1103061-1
	2xM25		HB.24.SG-VS.2.M25.Z	0-1106464-4
			Mit Korrosionsschutz *With corrosion protection*	
		21	HB-K.24.SG-VS.1.21.Z	2-1102331-1
		2x21	HB-K.24.SG-VS.2.21.Z	2-1102333-1
	2xM25		HB-K.24.SG-VS.2.M25.G	0-1106464-8
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform ***Surface mounted housing:*** *Side entry, High construction*				
 		21	HD.64.SG-VS.1.21.Z	1-1103346-1
		2x21	HD.64.SG-VS.2.21.Z	1-1103348-1
		29	HD.64.SG-VS.1.29.Z	1-1103350-1
		2x29	HD.64.SG-VS.2.29.Z	1-1103352-1
	M25		HD.64.SG-VS.1.M25.G	0-1103083-1
	2xM32		HD.64.SG-VS.2.M32.G	0-1106469-4
			Mit Korrosionsschutz *With corrosion protection*	
		21	HD-K.64.SG-VS.1.21.Z	2-1103346-1
		2x21	HD-K.64.SG-VS.2.21.Z	2-1103348-1
		29	HD-K.64.SG-VS.1.29.Z	2-1103350-1
		2x29	HD-K.64.SG-VS.2.29.Z	2-1103352-1
	2xM32		HD-K.64.SG-VS.2.M32.G	0-1106469-8
Kupplungsgehäuse: Kabeleingang unten, Hohe Bauform ***Cable-to-cable hood:*** *Bottom entry, High construction*				
 		21	HD.64.KDO-VS.1.21.G	1-1103355-1
		29	HD.64.KDO-VS.1.29.G	1-1103358-1
	M32		HD.64.KDO-VS.1.M32.G	0-1106468-2

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

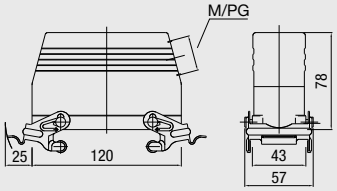
HB.24, HB-K.24, HD.64, HD-K.64 Gehäuse/*Housings* — Baugröße/*Size 8*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

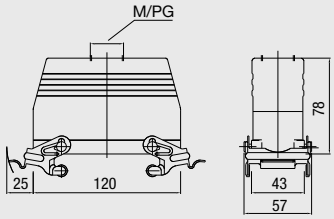
Verschlussbügel am Oberteil/*Locking clip on hood* — IP 65

Steckergehäuse: Kabeleingang seitlich, Hohe Bauform
Hood: *Side entry, High construction*



Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
		21	HD.64.STS-VS.1.21.G	1-1103336-1
		29	HD.64.STS-VS.1.29.G	1-1103338-1
	M32		HD.64.STS-VS.1.M32.G	0-1106470-6
			Mit Korrosionsschutz *With corrosion protection*	
		29	HD-K.64.STS-VS.1.29.G	2-1103338-1
	M32		HD-K.64.STS-VS.1.M32.G	1-1106470-2

Steckergehäuse: Kabeleingang oben, Hohe Bauform
Hood: *Top entry, High construction*



		21	HD.64.STO-VS.1.21.G	1-1103341-1
		29	HD.64.STO-VS.1.29.G	1-1103344-1
	M32		HD.64.STO-VS.1.M32.G	0-1106470-3
			Mit Korrosionsschutz *With corrosion protection*	
		29	HD-K.64.STO-VS.1.29.G	2-1103344-1
	M32		HD-K.64.STO-VS.1.M32.G	0-1106470-9

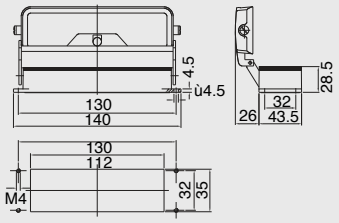
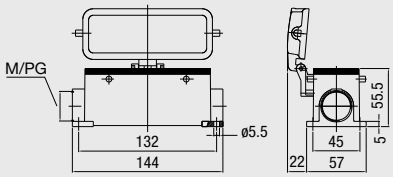
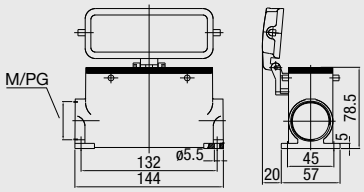
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HB.24, HB-K.24, HD.64, HD-K.64 Gehäuse/*Housings* — Baugröße/*Size 8*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Verschlussbügel am Oberteil/*Locking clip on hood* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*				
 			HB.24.AGD	1-1102340-6
			Mit Korrosionsschutz *With corrosion protection*	
			HB-K.24.AGD	2-1102340-6
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*				
 		21	HB.24.SGD.1.21.Z	1-1102343-6
		2x21	HB.24.SGD.2.21.Z	1-1102345-6
	M25		HB.24.SGD.1.M25.Z	0-1103061-2
	2xM25		HB.24.SGD.2.M25.Z	0-1106464-1
			Mit Korrosionsschutz *With corrosion protection*	
		21	HB-K.24.SGD.1.21.Z	2-1102343-6
	2xM25		HB-K.24.SGD.2.M25.Z	0-1106464-5
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform ***Surface mounted housing:*** *Side entry, High construction*				
 		21	HD.64.SGD.1.21.Z	1-1103360-6
		2x21	HD.64.SGD.2.21.Z	1-1103362-6
		29	HD.64.SGD.1.29.Z	1-1103364-6
		2x29	HD.64.SGD.2.29.Z	1-1103366-6
	2xM32		HD.64.SGD.2.M32.Z	0-1106469-1
			Mit Korrosionsschutz *With corrosion protection*	
		29	HD-K.64.SGD.1.29.Z	2-1103364-6
	2xM32		HD-K.64.SGD.2.M32.Z	0-1106469-5

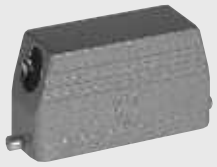
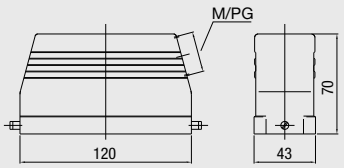
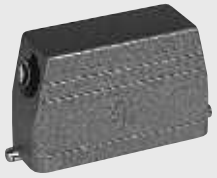
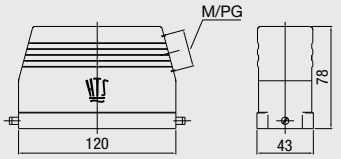
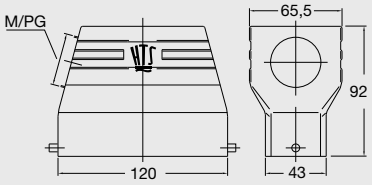
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HB/-K.24, HD/-K.64, HD/-K.108 Gehäuse/*Housings* — Baugröße/*Size 8*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Steckergehäuse: Kabeleingang seitlich, Standard Bauform ***Hood:*** *Side entry, Standard construction*				
 		21	HB.24.STS-GR.1.21.G	1-1102316-7
		29	HB.24.STS-GR.1.29.G	1-1102319-7
	M32		HB.24.STS-GR.1.M32.G	0-1106465-5
			Mit Korrosionsschutz *With corrosion protection*	
		21	HB-K.24.STS-GR.1.21.G	2-1102316-7
		29	HB-K.24.STS-GR.1.29.G	2-1102319-7
	M32		HB-K.24.STS-GR.1.M32.G	1-1106465-2
Steckergehäuse: Kabeleingang seitlich, Hohe Bauform ***Hood:*** *Side entry, High construction*				
 		21	HD.64.STS-GR.1.21.G	1-1103336-7
		29	HD.64.STS-GR.1.29.G	1-1103338-7
	M32		HD.64.STS-GR.1.M32.G	0-1106470-5
	M40		HD.64.STS-GR.1.M40.G	3-1106470-5
			Mit Korrosionsschutz *With corrosion protection*	
		29	HD-K.64.STS-GR.1.29.G	2-1103338-7
	M32		HD-K.64.STS-GR.1.M32.G	1-1106470-1
Steckergehäuse: Kabeleingang seitlich, Hohe Bauform ***Hood:*** *Side entry, High construction*				
 		29	HD.108.STS-GR.1.29.G	1-1102411-7
	M50		HD.108.STS-GR.1.M50.G	0-1106467-5
			Mit Korrosionsschutz *With corrosion protection*	
		29	HD-K.108.STS-GR.1.29.G	2-1102411-7
	M50		HD-K.108.STS-GR.1.M50.G	1-1106467-1

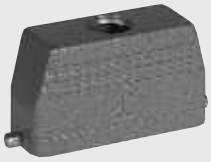
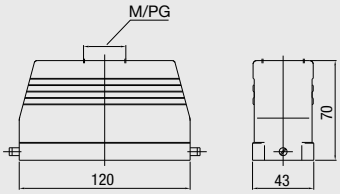
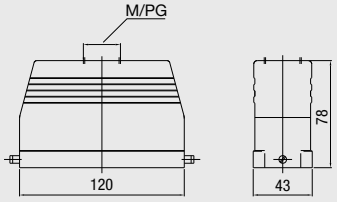
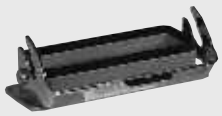
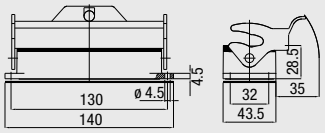
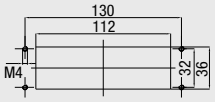
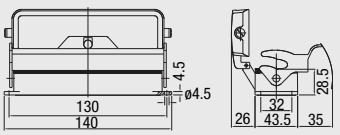
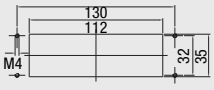
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HB.24, HB-K.24, HD.64, HD-K.64 Gehäuse/*Housings* — Baugröße/*Size 8*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Steckergehäuse: Kabeleingang oben, Standard Bauform ***Hood:*** *Top entry, Standard construction*				
 		21	HB.24.STO-GR.1.21.G	1-1102325-7
		29	HB.24.STO-GR.1.29.G	1-1102328-7
	M32		HB.24.STO-GR.1.M32.G	0-1106465-2
			Mit Korrosionsschutz *With corrosion protection*	
		29	HB-K.24.STO-GR.1.29.G	2-1102328-7
	M32		HB-K.24.STO-GR.1.M32.G	0-1106465-8
Steckergehäuse: Kabeleingang oben, Hohe Bauform ***Hood:*** *Top entry, High construction*				
 		21	HD.64.STO-GR.1.21.G	1-1103341-7
		29	HD.64.STO-GR.1.29.G	1-1103344-7
	M32		HD.64.STO-GR.1.M32.G	0-1106470-2
	M40		HD.64.STO-GR.1.M40.G	2-1106470-5
			Mit Korrosionsschutz *With corrosion protection*	
		29	HD-K.64.STO-GR.1.29.G	2-1103344-7
	M32		HD-K.64.STO-GR.1.M32.G	0-1106470-8
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*				
 			HB.24.AG-LB	1-1102291-2
			Mit Korrosionsschutz *With corrosion protection*	
			HB-K.24.AG-LB	2-1102291-2
 Montageausschnitt *Panel cut-out*				
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*				
 			HB.24.AGD-LB	1-1102340-2
			Mit Korrosionsschutz *With corrosion protection*	
			HB-K.24.AGD-LB	2-1102340-2
 Montageausschnitt *Panel cut-out*				

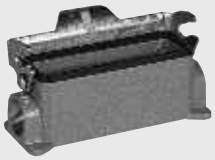
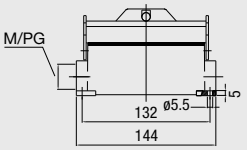
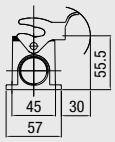
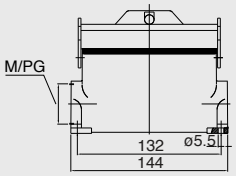
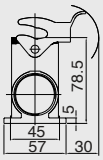
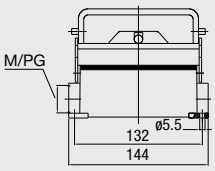
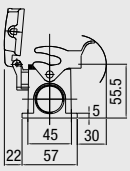
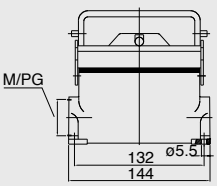
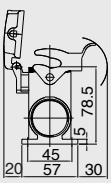
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HB.24, HB-K.24, HD.64, HD-K.64 Gehäuse/*Housings* — Baugröße/*Size 8*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*				
  		21	HB.24.SG-LB.1.21.Z	1-1102331-2
		2x21	HB.24.SG-LB.2.21.Z	1-1102333-2
	2xM25		HB.24.SG-LB.2.M25.G	0-1106464-3
			Mit Korrosionsschutz *With corrosion protection*	
		21	HB-K.24.SG-LB.1.21.Z	2-1102331-2
	2xM25		HB-K.24.SG-LB.2.M25.G	0-1106464-7
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform ***Surface mounted housing:*** *Side entry, High construction*				
  		21	HD.64.SG-LB.1.21.Z	1-1103346-2
		2x21	HD.64.SG-LB.2.21.Z	1-1103348-2
		29	HD.64.SG-LB.1.29.Z	1-1103350-2
		2x29	HD.64.SG-LB.2.29.Z	1-1103352-2
	2xM32		HD.64.SG-LB.2.M32.Z	0-1106469-3
			Mit Korrosionsschutz *With corrosion protection*	
		29	HD-K.64.SG-LB.1.29.Z	2-1103350-2
	2xM32		HD-K.64.SG-LB.2.M32.G	0-1106469-7
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*				
  		21	HB.24.SGD-LB.1.21.Z	1-1102343-2
		2x21	HB.24.SGD-LB.2.21.Z	1-1102345-2
	M25		HB.24.SGD-LB.1.M25.Z	0-1103061-3
	2xM25		HB.24.SGD-LB.2.M25.Z	0-1106464-2
			Mit Korrosionsschutz *With corrosion protection*	
		21	HB-K.24.SGD-LB.1.21.Z	2-1102343-2
	2xM25		HB-K.24.SGD-LB.2.M25.z	0-1106464-6
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform ***Surface mounted housing:*** *Side entry, High construction*				
  		21	HD.64.SGD-LB.1.21.Z	1-1103360-2
		2x21	HD.64.SGD-LB.2.21.Z	1-1103362-2
		29	HD.64.SGD-LB.1.29.Z	1-1103364-2
		2x29	HD.64.SGD-LB.2.29.Z	1-1103366-2
	2xM32		HD.64.SGD-LB.2.M32.Z	0-1106469-2
			Mit Korrosionsschutz *With corrosion protection*	
		29	HD-K.64.SGD-LB.1.29.Z	2-1103364-2
	2xM32		HD-K.64.SGD-LB.2.M32.z	0-1106469-6

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

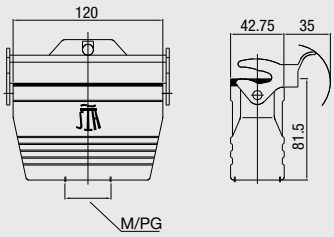
HB.24, HB-K.24, HD.64, HD-K.64 Gehäuse/*Housings* — Baugröße/*Size 8*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Kupplungsgehäuse: Kabeleingang unten, Hohe Bauform ***Cable-to-cable hood:*** *Bottom entry, High construction*	M32	21	HD.64.KDO-LB.1.21.G	1-1103355-2
		29	HD.64.KDO-LB.1.29.G	1-1103358-2
			HD.64.KDO-LB.1.M32.G	0-1106468-1



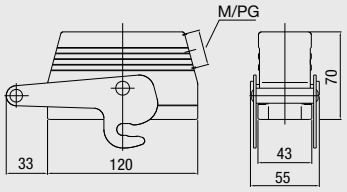
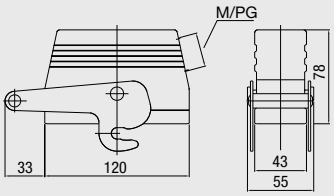
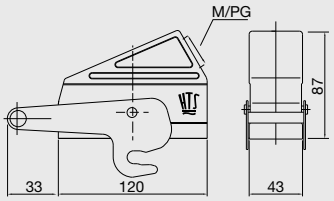
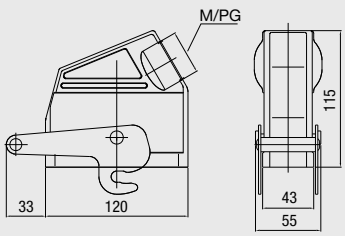
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HB-Z.24, HB-K/Z.24, HD-Z.64, HD-K/Z.64 Gehäuse/*Housings* — Baugröße/*Size 8*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Zentralbügel am Steckergehäuse/*Central locking clip on hood* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Steckergehäuse: Kabeleingang seitlich, Standard Bauform ***Hood:*** *Side entry, Standard construction*				
 		21	HB-Z.24.STS-ZB.1.21.G	1-1102316-3
		29	HB-Z.24.STS-ZB.1.29.G	1-1102319-3
	M32		HB-Z.24.STS-ZB.1.M32.G	1-1106465-9
			Mit Korrosionsschutz *With corrosion protection*	
		29	HB-K/Z.24.STS-ZB.1.21.G	2-1102316-3
	M32		HB-K/Z.24.STS-ZB.1.M32.G	1-1106465-5
Steckergehäuse: Kabeleingang seitlich, Hohe Bauform ***Hood:*** *Side entry, High construction*				
 		21	HD-Z.64.STS-ZB.1.21.G	1-1103336-3
		29	HD-Z.64.STS-ZB.1.29.G	1-1103338-3
	M32		HD-Z.64.STS-ZB.1.M32.G	1-1106470-8
			Mit Korrosionsschutz *With corrosion protection*	
		29	HD-K/Z.64.STS-ZB.1.29.G	2-1103338-3
	M32		HD-K/Z.64.STS-ZB.1.M32.G	1-1106470-6
Steckergehäuse: Kabeleingang seitlich, Keilform ***Hood:*** *Side entry, Standard construction*				
 		21	HB-KF-Z.24.STS-ZB.1.21.G	1-1102229-3
		29	HB-KF-Z.24.STS-ZB.1.29.G	1-1102232-3
	M32		HB-KF-Z.24.STS-ZB.1.M32.G	0-1106466-8
			Mit Korrosionsschutz *With corrosion protection*	
		29	HB-KF/K-Z.24.STS-ZB.1.29.G	2-1102232-3
	M32		HB-KF/K-Z.24.STS-ZB.1.M32.G	0-1106466-7
Steckergehäuse: Kabeleingang seitlich, Keilform ***Hood:*** *Side entry, High construction*				
 		29	HD-KF-Z.64.STS-ZB.1.29.G	1-1102405-3
		36	HD-KF-Z.64.STS-ZB.1.36.G	1-1102408-3
	M40		HD-KF-Z.64.STS-ZB.1.M40.G	0-1106471-9
			Mit Korrosionsschutz *With corrosion protection*	
		36	HD-KF/K-Z.64.STS-ZB.1.36.G	2-1102408-3

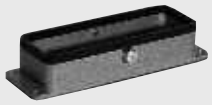
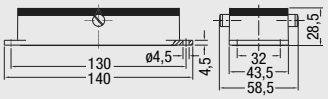
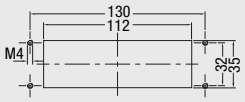
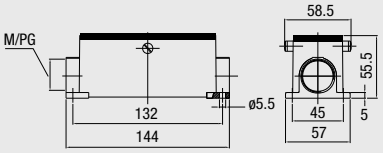
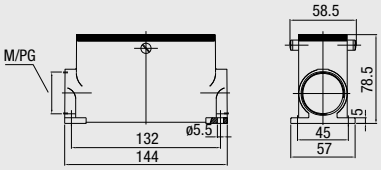
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HB-Z.24, HB-K/Z.24, HD-Z.64, HD-K/Z.64 Gehäuse/*Housings* — Baugröße/*Size 8*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Zentralbügel am Steckergehäuse/*Central locking clip on hood* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*				
  Montageausschnitt/*Panel cut-out* 			HB-Z.24.AG-ZVGR	1-1102291-8
			Mit Korrosionsschutz *With corrosion protection*	
			HB-K/Z.24.AG-ZVGR	2-1102291-8
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*				
 	2xM25	21	HB-Z.24.SG-ZVGR.1.21.Z	1-1102331-8
		2x21	HB-Z.24.SG-ZVGR.2.21.Z	1-1102333-8
			HB-Z.24.SG-ZVGR.2.M25.G	1-1106464-0
			Mit Korrosionsschutz *With corrosion protection*	
		21	HB-K/Z.24.SG-ZVGR.1.21.Z	2-1102331-8
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform ***Surface mounted housing:*** *Side entry, High construction*				
 	2xM32	21	HD-Z.64.SG-ZVGR.1.21.Z	1-1103346-8
		29	HD-Z.64.SG-ZVGR.1.29.Z	1-1103350-8
		2x29	HD-Z.64.SG-ZVGR.2.29.Z	1-1103352-8
			HD-Z.64.SG-ZVGR.2.M32.G	1-1106469-2
			Mit Korrosionsschutz *With corrosion protection*	
		29	HD-K/Z.64.SG-ZVGR.1.29.Z	2-1103350-8
		2x29	HD-K/Z.64.SG-ZVGR.2.29 Z	2-1103352-8
	2xM32		HD-K/Z.64.SG-ZVGR.2.M32.G	1-1106469-0

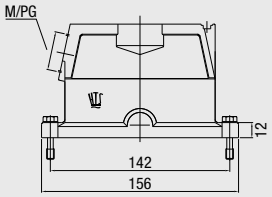
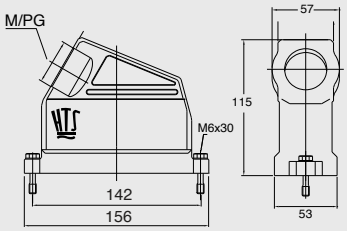
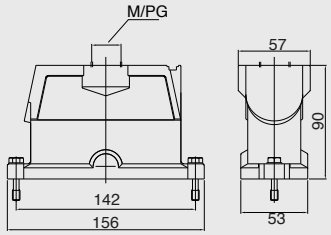
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HIP.24/64, HIP-K.24/64, EMV-K.24/64 Gehäuse/*Housings* — Baugröße/*Size 8*

HIP: Druckdicht, silbergrau, HIP-K: Korrosionsgeschützt, schwarz
EMV-K: Schutz gegen elektromagnetische Beeinflussung, druckdicht, korrosionsgeschützt, schwarz

HIP: Pressure-tight, silver-grey, HIP-K: Housings corrosion-resistant, black
EMV-K: Protection against electro-magnetic interference, pressure-tight, housings corrosion-resistant, black

Druckdicht bis ≤ 5 bar/*pressure-tight up to 5 bar* — IP 68

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Steckergehäuse: Kabeleingang seitlich, Standard Bauform ***Hood:*** *Side entry, Standard construction*				
 			**HIP**	
		21	HIP.24/64.STS.1.21.G	1-1102658-5
		29	HIP.24/64.STS.1.29 G	1-1102660-5
	M40		HIP.24/64.STS.1.M40.G	0-1106473-2
			HIP-K	
		29	HIP-K.24/64.STS.1.29.G	2-1102660-5
	M40		HIP-K.24/64.STS.1.M40.G	0-1106473-4
			EMV-K	
		29	EMV-K.24/64.STS.1.29.G	4-1102755-5
	M25		EMV-K.24/64.STS.1.M25.G	0-1102983-1
	M32		EMV-K.24/64.STS.1.M32.G	0-1106461-8
	M40		EMV-K.24/64.STS.1.M40.G	0-1106461-3
Steckergehäuse: Kabeleingang seitlich, Keilform ***Hood:*** *Side entry, Standard construction*				
 			**HIP**	
		29	HIP-KF.24/64.STS.1.29.G	1-1102622-5
		36	HIP-KF.24/64.STS.1.36.G	1-1102623-5
	M40		HIP-KF.24/64.STS.1.M40.G	0-1106474-1
			HIP-K	
		29	HIP-KF/K.24/64.STS.1.29.G	2-1102622-5
		36	HIP-KF/K.24/64.STS.1.36G	2-1102623-5
	M40		HIP-KF/K.24/64.STS.1.M40.G	0-1106474-2
			EMV-K	
		29	EMV-KF/K.24/64.STS.1.29.G	4-1102732-5
		36	EMV-KF/K.24/64.STS.1.36.G	4-1102733-5
	M40		EMV-KF/K.24/64.STS.1.M40.G	0-1106462-2
Steckergehäuse: Kabeleingang oben, Standard Bauform ***Hood:*** *Top entry, Standard construction*				
 			**HIP**	
		21	HIP.24/64.STO.1.21.G	1-1102662-5
		29	HIP.24/64.STO.1.29.G	1-1102664-5
	M40		HIP.24/64.STO.1.M40.G	0-1106473-1
			HIP-K	
		29	HIP-K.24/64.STO.1.29.G	2-1102664-5
	2xM32		HIP-K.24/64.STO.2.M32.G	0-1102792-1
	M40		HIP-K.24/64.STO.1.M40.G	0-1106473-3
			EMV-K	
		29	EMV-K.24/64.STO.1.29.G	4-1102759-5
	M40		EMV-K.24/64.STO.1.M40.G	0-1106461-4

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HIP.24/64, HIP-K.24/64, EMV-K.24/64 Gehäuse/*Housings* — Baugröße/*Size 8*

HIP: Druckdicht, silbergrau, HIP-K: Korrosionsgeschützt, schwarz
EMV-K: Schutz gegen elektromagnetische Beeinflussung, druckdicht, korrosionsgeschützt, schwarz

HIP: Pressure-tight, silver-grey, HIP-K: Housings corrosion-resistant, black
EMV-K: Protection against electro-magnetic interference, pressure-tight, housings corrosion-resistant, black

Druckdicht bis ≤ 5 bar/*pressure-tight up to 5 bar* — IP 68

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*				
			HIP	
			HIP.24/64.AG	1-1102665-5
			HIP-K	
			HIP-K.24/64.AG	2-1102665-5
			EMV-K	
			EMV-K.24/64.AG	4-1102760-5
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*				
			HIP	
			HIP.24/64.AG.M6	1-1102626-5
			HIP-K	
			HIP-K.24/64.AG.M6	2-1102626-5
			HIP-K.24/64.AG.M6.D	2-1102628-5
			HIP-K-I.24/64.AG.M6.D	0-1108533-1
			EMV-K	
			EMV-K.24/64.AG.M6	4-1102736-5
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*				
			HIP	
		29	HIP.24/64.SG.1.29.G	1-1102624-5
		2x29	HIP.24/64.SG.2.29.G	1-1102625-5
	2xM40		HIP.24/64.SG.2.M40.G	0-1106472-1
			HIP-K	
		29	HIP-K.24/64.SG.1.29.G	5-1102624-5
		2x29	HIP-K.24/64.SG.2.29.G	2-1102625-5
	2xM40		HIP-K.24/64.SG.2.M40.G	0-1106472-2
			EMV-K	
		29	EMV-K.24/64.SG.1.29.G	4-1102734-5
		2x29	EMV-K.24/64.SG.2.29.G	4-1102735-5
	2xM40		EMV-K.24/64.SG.2.M40.G	0-1106460-2
Schutzkappe für Gehäuse-Unterteile ***Protective covers housings***				
			HIP	
			HIP/EMV.24/64.SKB	3-1106204-5
			HIP-K/EMV-K	
			HIP-K/EMV-K.24/64.SKB	4-1106204-5

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HA.48 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 9*

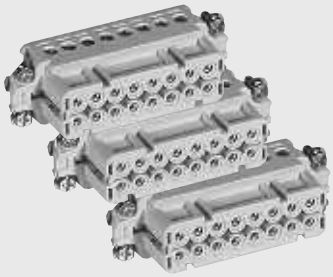
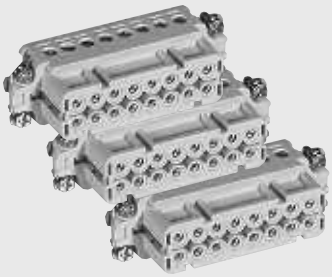
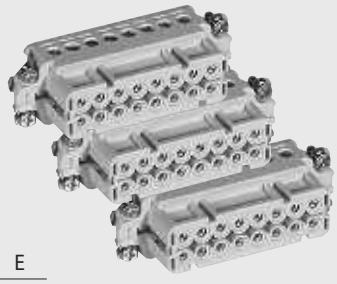
Schraubanschluss, Federzug-Anschluss, Crimpanschluss für gedrehte HE/HA Crimpkontakte

Screw terminal, Spring Clamp terminal, Crimp terminal for screw machined HE/HA crimp contacts

Kontaktzahlen
No. of contacts

(3 x 16) 48 + ⏚

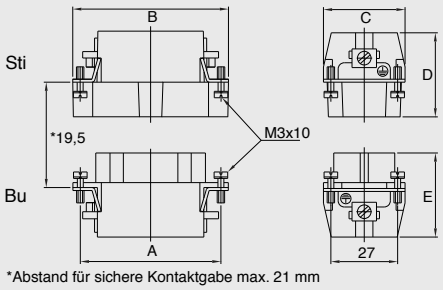
250 V/16 A

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert* — Buchseneinsatz/*Female insert*			
Schraubanschluss/*Screw terminal*			
 	HA.16.Sti.S.B 1-16	1-1103416-1	
	HA.16.Sti.S.B 17-32	1-1103416-7	
	HA.16.Sti.S.B 33-48	1-1103416-8	
	HA.16.Bu.S.B 1-16		1-1103417-1
	HA.16.Bu.S.B 17-32		1-1103417-7
	HA.16.Bu.S.B 33-48		1-1103417-8
Federzug-Anschluss/*Spring Clamp terminal*			
 	HA.16.Sti.SC.B 1-16	7-1103416-1	
	HA.16.Sti.SC.B 17-32	7-1103416-7	
	HA.16.Sti.SC.B 33-48	7-1103416-8	
	HA.16.Bu.SC.B 1-16		7-1103417-1
	HA.16.Bu.SC.B 17-32		7-1103417-7
	HA.16.Bu.SC.B 33-48		7-1103417-8
Crimpanschluss/*Crimp terminal*			
 	HA.16.Sti.C.B 1-16	2-1103416-3	
	HA.16.Sti.C.B 17-32	2-1103416-7	
	HA.16.Sti.C.B 33-48	2-1103416-8	
	HA.16.Bu.C.B 1-16		2-1103417-3
	HA.16.Bu.C.B 17-32		2-1103417-7
	HA.16.Bu.C.B 33-48		2-1103417-8

Maße/*Dimensions*	A	B	C	D	E
mm	**77,5**	**83,5**	**33**	**34**	**35**

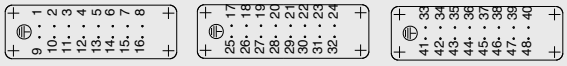
Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

Maßbild mm/*Dimensions mm*

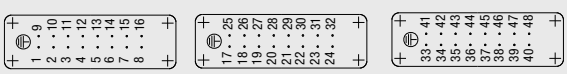


*Abstand für sichere Kontaktgabe max. 21 mm

Anschlußseite Stift
Contact arrangement Male insert



Anschlußseite Buchse
Contact arrangement Female insert



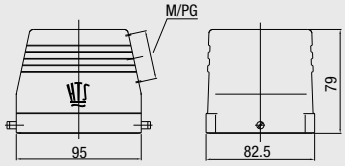
HA.48 Gehäuse/*Housings* — Baugröße/*Size 9*

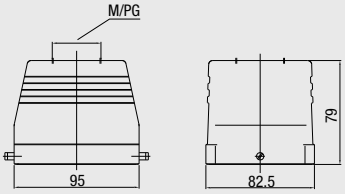
Pulverbeschichtet, silbergrau

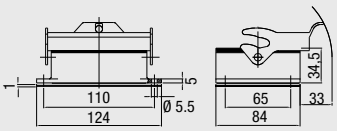
Powder-coated, silver-grey

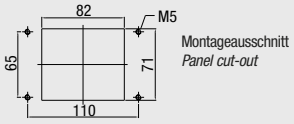
Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

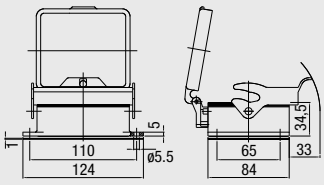
Bezeichnung *Description*	Metr.	PG	**Bestelltext** *Designation*	**Bestell-Nr.** *Order No.*
Steckergehäuse: Kabeleingang seitlich, Standard Bauform ***Hood:*** *Side entry, Standard construction*	M32	29	HA.48.STS-GR.1.29.G HA.48.STS-GR.1.M32.G	1-1102172-7 0-1102877-1
Steckergehäuse: Kabeleingang oben, Standard Bauform ***Hood:*** *Top entry, Standard construction*	M32	29	HA.48.STO-GR.1.29.G HA.48.STO-GR.1.M32.G	1-1102175-7 0-1102877-2
Anbaugehäuse: Kabeleingang unten ***Surface mounted housing:*** *Bottom en*			HA.48.AG-LB	1-1102176-2
Anbaugehäuse: Kabeleingang unten ***Surface mounted housing with covers:*** *Bottom entry*			HA.48.AGD-LB	1-1102177-2

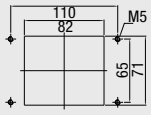







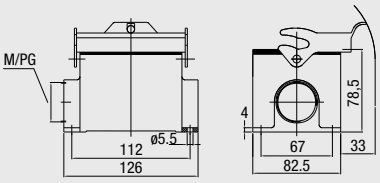
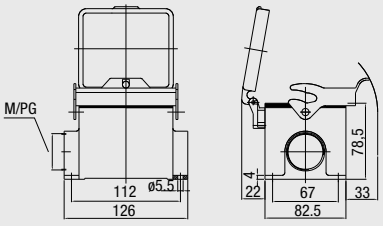
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HA.48 Gehäuse/*Housings* — Baugröße/*Size 9*

Pulverbeschichtet, silbergrau

Powder-coated, silver-grey

Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*				
 		29 2x29	HA.48.SG-LB.1.29.Z HA.48.SG-LB.2.29.Z	1-1102179-2 1-1102181-2
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*				
 	M32 2xM32	29 2x29	HA.48.SGD-LB.1.29.Z HA.48.SGD-LB.2.29.Z HA.48.SGD-LB.1.M32.G HA.48.SGD-LB.2.M32.G	1-1102183-2 1-1102185-2 0-1102879-1 0-1102879-2

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HE.32 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 10*

Schraubanschluss, Federzug-Anschluss,
Crimpanschluss für gedrehte HE Crimpkontakte

Screw terminal, Spring Clamp terminal,
Crimp terminal for screw machined HE crimp contacts

Kontaktzahlen
No. of contacts

(2 x 16) **32 +** ⏚

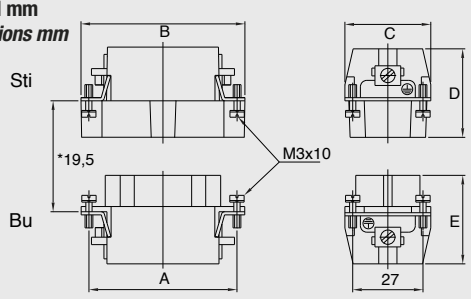
400 V/16 A

Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert* — Buchseneinsatz/*Female insert*			
Schraubanschluss/*Screw terminal*			
 	HE.16.Sti.S.B 1-16 HE.16.Sti.S.B 17-32	1-1103638-1 1-1103638-9	
	HE.16.Bu.S.B 1-16 HE.16.Bu.S.B 17-32		1-1103639-1 1-1103639-9
Federzug-Anschluss/*Spring Clamp terminal*			
 	HE.16.STI.SC.B. 1-16 HE.16.STI.SC.B.17-32	7-1103638-1 7-1103638-9	
	HE.16.BU.SC.B. 1-16 HE.16.BU.SC.B.17-32		7-1103639-1 7-1103639-9
Crimpanschluss/*Crimp terminal*			
 	HE.16.Sti.C.B 1-16 HE.16.Sti.C.B 17-32	2-1103638-3 2-1103638-9	
	HE.16.Bu.C.B 1-16 HE.16.Bu.C.B 17-32		2-1103639-3 2-1103639-9

Maße/*Dimensions*	A	B	C	D	E
mm	**77,5**	**83,5**	**33**	**34**	**35**

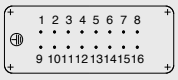
Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

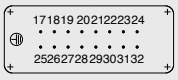
Maßbild mm
Dimensions mm



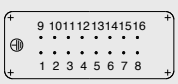
*Abstand für sichere Kontaktgabe max. 21 mm

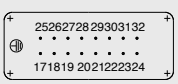
Anschlußseite Stift
Contact arrangement Male insert





Anschlußseite Buchse
Contact arrangement Female insert





HSB.12/35 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 10*

Schraubanschluss

Screw terminal

Kontaktzahlen
No. of contacts

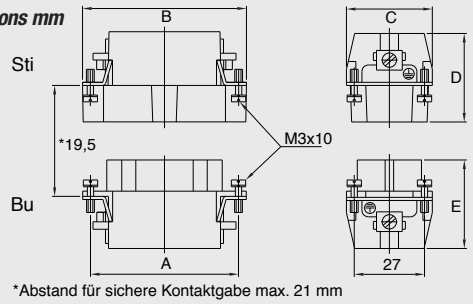
(2 x 6) 12 + ⏚

400 V/35 A

Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** **Stifteinsatz** *Male insert*	**Buchseneinsatz** *Female insert*
Stifteinsatz/*Male insert*			
Schraubanschluss/*Screw terminal*	HSB.6/35.Sti.S 1-6	1-1104204-1	
	HSB.6/35.Sti.S 7-12	1-1104206-1	
Buchseneinsatz/*Female insert*			
	HSB.6/35.Bu.S 1-6		1-1104205-1
	HSB.6/35.Bu.S 7-12		1-1104207-1

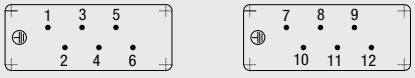
Maße/*Dimensions*	A	B	C	D	E
mm	**77,5**	**83,5**	**33**	**33**	**33,5**

Maßbild mm
Dimensions mm

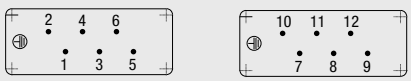


*Abstand für sichere Kontaktgabe max. 21 mm

Anschlußseite Stift
Contact arrangement Male insert



Anschlußseite Buchse
Contact arrangement Female insert



HN.D.80/HN.2D.144 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 10*

Crimpanschluss für gedrehte HN.D Crimpkontakte

Crimp terminal for screw machined HN.D crimp contacts

Kontaktzahlen
No. of contacts

(2 x 40/2 x 72) 80/144 + ⏚

250 V/10 A

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*			
Crimpanschluss/*Crimp terminal*	2xHN.D.40.Sti.C	2-1103110-3	
Buchseneinsatz/*Female insert*	2xHN.D.40.BU.C		2-1103111-3
Crimpanschluss/*Crimp terminal*	HN.2D.72.Sti.C.B 1- 72	2-1103208-3	
	HN.2D.72.Sti.C.B 73-144	2-1103209-3	
	HN.2D.72.Bu.C.B 1- 72		2-1103212-3
	HN.2D.72.Bu.C.B 73-144		2-1103213-3

HN.D.80

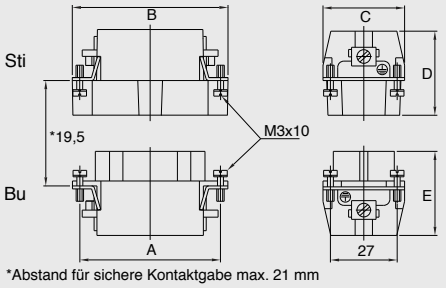
Maße/*Dimensions*	A	B	C	D	E
mm	**77,5**	**84,5**	**33**	**35**	**35**

HN.2D.144

Maße/*Dimensions*	A	B	C	D	E
mm	**77,5**	**83,5**	**34**	**36,5**	**37**

Passende Crimpkontakte siehe Seite 34, Passende Crimpwerkzeuge siehe Seite 34
Suitable Crimp contacts see page 34, Suitable Crimping tools see page 34

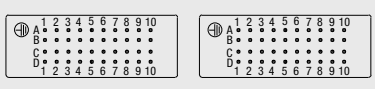
Maßbild mm/*Dimensions mm*



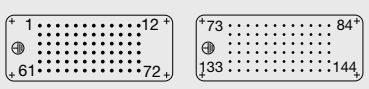
*Abstand für sichere Kontaktgabe max. 21 mm

Anschlußseite Stift/*Contact arrangement Male insert*

HN.D.80

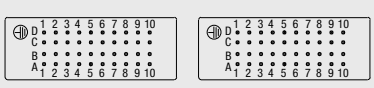


HN.2D.144

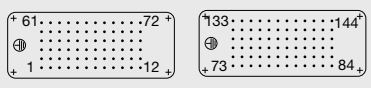


Anschlußseite Buchse/*Contact arrangement Female insert*

HN.D.80



HN.2D.144



HD.80 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 10*

Crimpanschluss für gestanzte HD.M Crimpkontakte

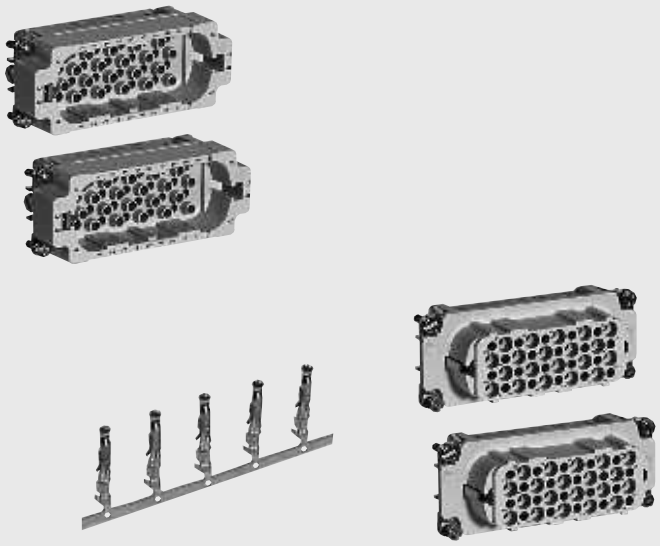
Crimp terminal for stamped HD.M crimp contacts

Kontaktzahlen
No. of contacts

(2 x 40) 80 + ⏚

250 V/10 A

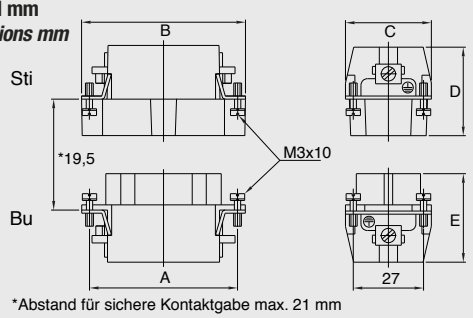
Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*			
Schraubanschluss/*Screw terminal*	2xHD.40.Sti.C	2-1103012-3	
Buchseneinsatz/*Female insert*			
Schraubanschluss/*Screw terminal*	2xHD.40.Bu.C		2-1103013-3



Maße/*Dimensions*	A	B	C	D	E
mm	**77,5**	**84,5**	**33**	**35**	**35**

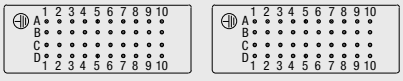
Passende Crimpkontakte siehe Seite 35, Passende Crimpwerkzeuge siehe Seite 35
Suitable Crimp contacts see page 35, Suitable Crimping tools see page 35

Maßbild mm
Dimensions mm

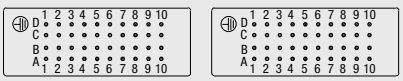


*Abstand für sichere Kontaktgabe max. 21 mm

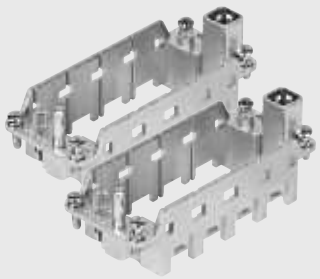
Anschlußseite Stift
Contact arrangement Male insert



Anschlußseite Buchse
Contact arrangement Female insert



Modul Halterahmen/*Module Fixing Frame* — Baugröße/*Size 10*

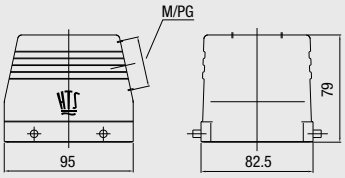
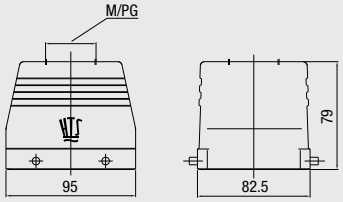
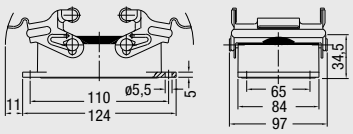
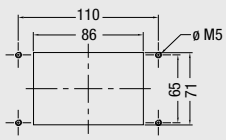
Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Oberteil *Top part*	Unterteil *Bottom part*
Halterahmen/*Fixing frame*			
 Für Modul MDL Seite 194–203 *For module MDL page 194–203*	MDL2-GR.O-6/B.1-3 MDL2-GR.O-6/B.4-6	0-1108782-1 0-1108782-4	
 Für Modul MDL Seite 194–203 *For module MDL page 194–203*	MDL2-GR.U-6/B.1-3 MDL2-GR.U-6/B.4-6		0-1108782-2 0-1108782-5
Halterahmen/*Fixing frame*			
 Für Modul HVS Seite 204–212 *For module HVS page 204–212*	HVS-R.O 1-4 HVS-R.U 1-4	0-1103250-3	0-1103250-4

HB.32, HB-K.32 Gehäuse/*Housings* — Baugröße/*Size 10*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Verschlussbügel am Unterteil/*Locking clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Steckergehäuse: Kabeleingang seitlich, Standard Bauform ***Hood:*** *Side entry, Standard construction*				
 		29	HB.32.STS.1.29.G	1-1102348-6
	M40		HB.32.STS.1.M40.G	0-1106477-4
			Mit Korrosionsschutz *With corrosion protection*	
		29	HB-K.32.STS.1.29.G	2-1102348-6
	M40		HB-K.32.STS.1.M40.G	1-1106477-0
Steckergehäuse: Kabeleingang oben, Standard Bauform ***Hood:*** *Top entry, Standard construction*				
 		29	HB.32.STO.1.29.G	1-1102351-6
	M40		HB.32.STO.1.M40.G	0-1106477-1
			Mit Korrosionsschutz *With corrosion protection*	
		29	HB-K.32.STO.1.29.G	2-1102351-6
	M40		HB-K.32.STO.1.M40.G	0-1106477-7
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*				
  Montageausschnitt/*Panel cut-out* 			HB.32.AG-VS	1-1102352-1
			Mit Korrosionsschutz *With corrosion protection*	
			HB-K.32.AG-VS	2-1102352-1

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

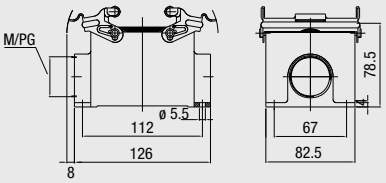
HB.32, HB-K.32 Gehäuse/*Housings* — Baugröße/*Size 10*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

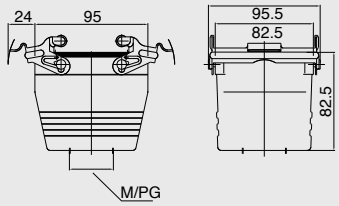
Verschlussbügel am Unterteil/*Locking clip at housing bottom* — IP 65

Sockelgehäuse: Kabeleingang seitlich, Standard Bauform
Surface mounted housing: *Side entry, Standard construction*



Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
		29	HB.32.SG-VS.1.29.Z	1-1102354-1
		2x29	HB.32.SG-VS.2.29.Z	1-1102356-1
	2xM32		HB.32.SG-VS.2.M32.Z	0-1106476-4
			Mit Korrosionsschutz *With corrosion protection*	
		29	HB-K.32.SG-VS.1.29.Z	2-1102354-1
		2x29	HB-K.32.SG-VS.2.29.Z	2-1102356-1
	2xM32		HB-K.32.SG-VS.2.M32.Z	0-1106476-8

Kupplungsgehäuse: Kabeleingang unten, Standard Bauform
Cable-to-cable hood: *Bottom entry, Standard construction*



		29	HB.32.KDO-VS.1.29.G	1-1102359-1
	M40		HB.32.KDO-VS.1.M40.G	0-1106475-2

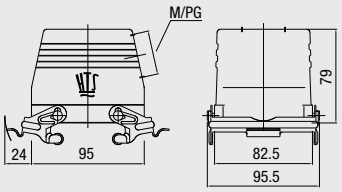
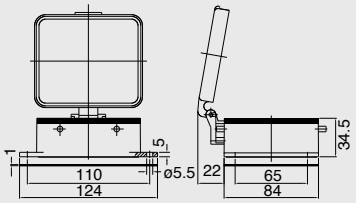
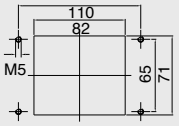
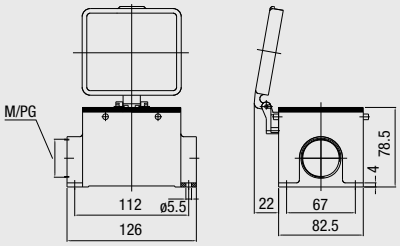
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HB.32, HB-K.32 Gehäuse/*Housings* — Baugröße/*Size 10*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Verschlussbügel am Oberteil/*Locking clip on hood* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Steckergehäuse: Kabeleingang seitlich, Standard Bauform ***Hood:*** *Side entry, Standard construction*				
 	M40	29	HB.32.STS-VS.1.29.G HB.32.STS-VS.1.M40.G	1-1102348-1 0-1106477-6
			Mit Korrosionsschutz *With corrosion protection*	
	M40		HB-K.32.STS-VS.1.M40.G	1-1106477-2
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*				
 			HB.32.AGD	1-1102360-6
			Mit Korrosionsschutz *With corrosion protection*	
			HB-K.32.AGD	2-1102360-6
 Montageausschnitt *Panel cut-out*				
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*				
 		29	HB.32.SGD.1.29.Z	1-1102362-6
		2x29	HB.32.SGD.2.29.Z	1-1102364-6
	2xM32		HB.32.SGD.2.M32.Z	0-1106476-1
			Mit Korrosionsschutz *With corrosion protection*	
	2xM32		HB-K.32.SGD.2.M32.Z	0-1106476-5

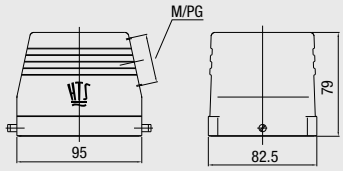
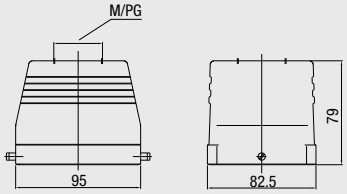
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HB.32, HB-K.32 Gehäuse/*Housings* — Baugröße/*Size 10*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Steckergehäuse: Kabeleingang seitlich, Standard Bauform ***Hood:*** *Side entry, Standard construction*				
 	M40	29	HB.32.STS-GR.1.29.G HB.32.STS-GR.1.M40.G	1-1102348-7 0-1106477-5
			Mit Korrosionsschutz *With corrosion protection*	
	M40	29	HB-K.32.STS-GR.1.29.G HB-K.32.STS-GR.1.M40.G	2-1102348-7 1-1106477-1
Steckergehäuse: Kabeleingang oben, Standard Bauform ***Hood:*** *Top entry, Standard construction*				
 	M40	29	HB.32.STO-GR.1.29.G HB.32.STO-GR.1.M40.G	1-1102351-7 0-1106477-2
			Mit Korrosionsschutz *With corrosion protection*	
	M40	29	HB-K.32.STO-GR.1.29.G HB-K.32.STO-GR.1.M40.G	2-1102351-7 0-1106477-8

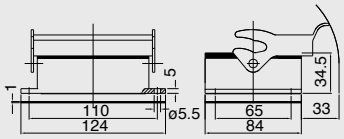
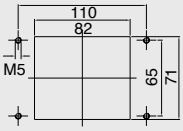
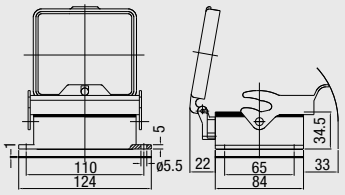
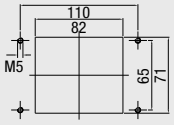
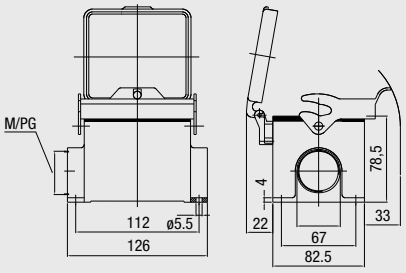
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HB.16, HB-K.16 Gehäuse/*Housings* — Baugröße/*Size 10*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Verschlussbügel am Unterteil/*Locking clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*				
   Montageausschnitt *Panel cut-out*			HB.32.AG-LB Mit Korrosionsschutz *With corrosion protection* HB-K.32.AG-LB	1-1102352-2 2-1102352-2
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*				
   Montageausschnitt *Panel cut-out*			HB.32.AGD-LB Mit Korrosionsschutz *With corrosion protection* HB-K.32.AGD-LB	1-1102360-2 2-1102360-2
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*				
 	2xM32	29	HB.32.SGD-LB.1.29.Z HB.32.SGD-LB.2.M32.Z	1-1102362-2 0-1106476-2

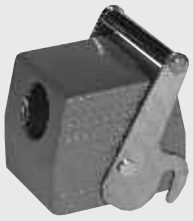
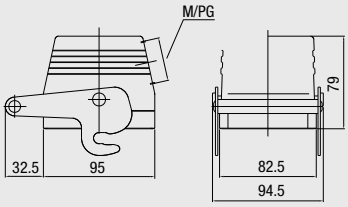
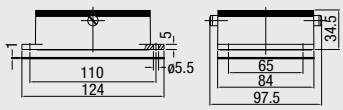
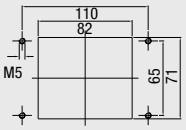
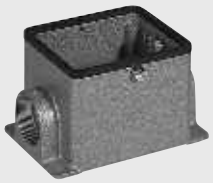
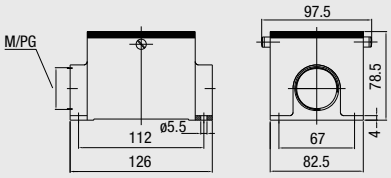
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HB-Z.32, HB-K/Z.32 Gehäuse/*Housings* — Baugröße/*Size 10*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Zentralbügel am Steckergehäuse/*Central locking clip on hood* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Steckergehäuse: Kabeleingang seitlich, Standard Bauform ***Hood:*** *Side entry, Standard construction*				
 		29	HB-Z.32.STS-ZB.1.29.G	1-1102348-3
	M40		HB-Z.32.STS-ZB.1.M40.G	1-1106477-6
			Mit Korrosionsschutz *With corrosion protection*	
		29	HB-K/Z.32.STS-ZB.1.29.G	2-1102348-3
	M40		HB-K/Z.32.STS-ZB.1.M40.G	1-1106477-4
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*				
 			HB-Z.32.AG-ZVGR	1-1102352-8
			Mit Korrosionsschutz *With corrosion protection*	
			HB-K/Z.32.AG-ZVGR	2-1102352-8
 Montageausschnitt *Panel cut-out*				
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*				
 			HB-Z.32.SG-ZVGR.1.29.Z	1-1102354-8
		29	HB-Z.32.SG-ZVGR.2.29.Z	1-1102356-8
		2x29		

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HA.64 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 11*

Schraubanschluss, Federzug-Anschluss,
Crimpanschluss für gedrehte HE Crimpkontakte

Screw terminal, Spring Clamp terminal,
Crimp terminal for screw machined HE crimp contacts

Kontaktzahlen
No. of contacts

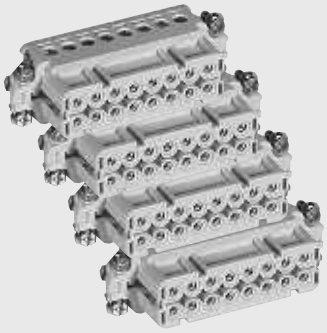
(4 x 16) 64 + ⏚

250 V/16 A

Stifteinsatz/*Male insert*

Buchseneinsatz/*Female insert*

Schraubanschluss/*Screw terminal*



Federzug-Anschluss/*Spring Clamp terminal*

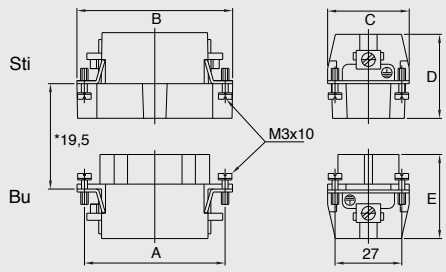
Crimpanschluss/*Crimp terminal*

Maße/*Dimensions*	A	B	C	D	E
mm	77,5	83,5	33	34	35

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Schraubanschluss/*Screw terminal*			
	HA.16.Sti.S.B 1-16	1-1103416-1	
	HA.16.Sti.S.B 17-32	1-1103416-7	
	HA.16.Sti.S.B 33-48	1-1103416-8	
	HA.16.Sti.S.B 49-64	1-1103416-9	
	HA.16.Bu.S.B 1-16		1-1103417-1
	HA.16.Bu.S.B 17-32		1-1103417-7
	HA.16.Bu.S.B 33-48		1-1103417-8
	HA.16.Bu.S.B 49-64		1-1103417-9
Federzug-Anschluss/*Spring Clamp terminal*			
	HA.16.Sti.SC.B 1-16	7-1103416-1	
	HA.16.Sti.SC.B 17-32	7-1103416-7	
	HA.16.Sti.SC.B 33-48	7-1103416-8	
	HA.16.Sti.SC.B 49-64	7-1103416-9	
	HA.16.Bu.SC.B 1-16		7-1103417-1
	HA.16.Bu.SC.B 17-32		7-1103417-7
	HA.16.Bu.SC.B 33-48		7-1103417-8
	HA.16.Bu.SC.B 49-64		7-1103417-9
Crimpanschluss/*Crimp terminal*			
	HA.16.Sti.C.B 1-16	2-1103416-3	
	HA.16.Sti.C.B 17-32	2-1103416-7	
	HA.16.Sti.C.B 33-48	2-1103416-8	
	HA.16.Sti.C.B 49-64	2-1103416-9	
	HA.16.Bu.C.B 1-16		2-1103417-3
	HA.16.Bu.C.B 17-32		2-1103417-7
	HA.16.Bu.C.B 33-48		2-1103417-8
	HA.16.Bu.C.B 49-64		2-1103417-9

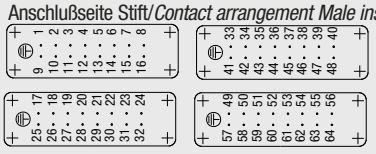
Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

Maßbild mm/*Dimensions mm*

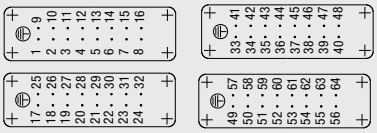


*Abstand für sichere Kontaktgabe max. 21 mm

Anschlußseite Stift/*Contact arrangement Male insert*



Anschlußseite Buchse/*Contact arrangement Female insert*



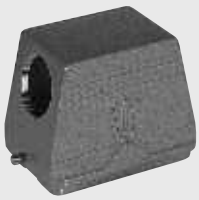
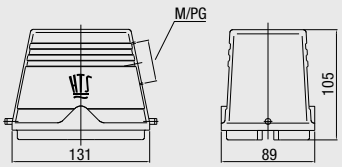
HA.64 Gehäuse/*Housings* — Baugröße/*Size 11*

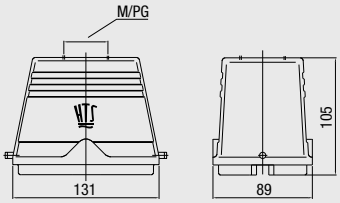
Pulverbeschichtet, silbergrau

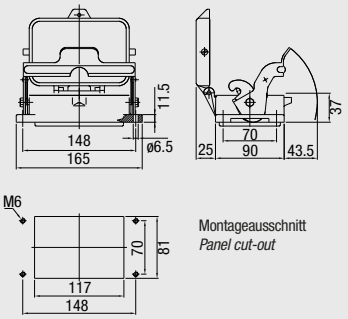
Powder-coated, silver-grey

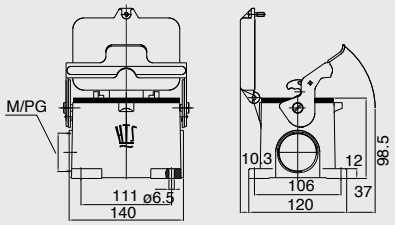
Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Steckergehäuse: Kabeleingang seitlich, Standard Bauform ***Hood:*** *Side entry, Standard construction*	M50	29	HA.64.STS-GR.1.29.G	1-1102002-7
		36	HA.64.STS-GR.1.36.G	1-1102005-7
		42	HA.64.STS-GR.1.42.G	1-1102008-7
			HA.64.STS-GR.1.M50.G	0-1106480-2
Steckergehäuse: Kabeleingang oben, Standard Bauform ***Hood:*** *Top entry, Standard construction*	M50	29	HA.64.STO-GR.1.29.G	1-1102027-7
		36	HA.64.STO-GR.1.36.G	1-1102030-7
		42	HA.64.STO-GR.1.42.G	1-1102033-7
			HA.64.STO-GR.1.M50.G	0-1106480-1
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*			HA.64.AGD-LB	1-1102009-2
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*	2xM40	29	HA.64.SGD-LB.1.29.Z	1-1102011-2
		2x29	HA.64.SGD-LB.2.29.Z	1-1102013-2
		36	HA.64.SGD-LB.1.36.Z	1-1102015-2
		2x36	HA.64.SGD-LB.2.36.Z	1-1102017-2
			HA.64.SGD-LB.2.M40.Z	01106479-1

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HE.48 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 12*

Schraubanschluss, Federzug-Anschluss, Crimpanschluss für gedrehte HE Crimpkontakte

Screw terminal, Spring Clamp terminal, Crimp terminal for screw machined HE crimp contacts

Kontaktzahlen
No. of contacts

(2 x 24) **48+**

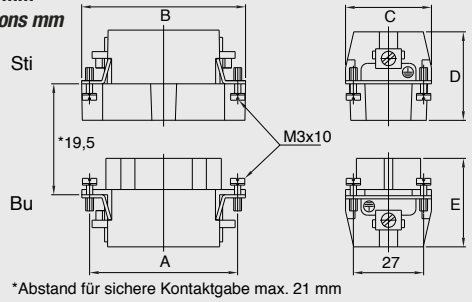
400 V/16 A

Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert* — Buchseneinsatz/*Female insert*			
Schraubanschluss/*Screw terminal*			
 	HE.24.Sti.S.B 1-24 HE.24.Sti.S.B 25-48	1-1103640-1 1-1103640-9	
	HE.24.Bu.S.B 1-24 HE.24.Bu.S.B 25-48		1-1103641-1 1-1103641-9
Federzug-Anschluss/*Spring Clamp terminal*			
 	HE.24.Sti.SC.B 1-24 HE.24.Sti.SC.B 25-48	7-1103640-1 7-1103640-9	
	HE.24.Bu.SC.B 1-24 HE.24.Bu.SC.B 25-48		7-1103641-1 7-1103641-9
Crimpanschluss/*Crimp terminal*			
 	HE.24.Sti.C.B 1-24 HE.24.Sti.C.B 25-48	2-1103640-3 2-1103640-9	
	HE.24.Bu.C.B 1-24 HE.24.Bu.C.B 25-48		2-1103641-3 2-1103641-9

Maße/*Dimensions*	A	B	C	D	E
mm	**104**	**110**	**33**	**34**	**35**

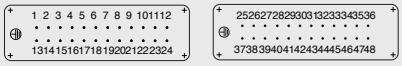
Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

Maßbild mm
Dimensions mm

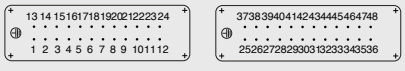


*Abstand für sichere Kontaktgabe max. 21 mm

Anschlußseite Stift
Contact arrangement Male insert



Anschlußseite Buchse
Contact arrangement Female insert



HN.D.128/HN.2D.216 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 12*

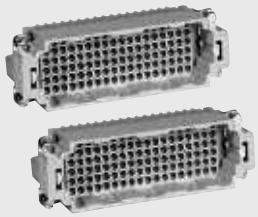
Crimpanschluss für gedrehte HN.D Crimpkontakte

Crimp terminal for screw machined HN.D crimp contacts

Kontaktzahlen
No. of contacts

(2 x 64/2 x 108) 128/216 + ⏚

250 V/10 A

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Bestell-Nr./*Order No.* Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert* — Buchseneinsatz/*Female insert* Crimpanschluss/*Crimp terminal*			
  	2xHN.D.64.Sti.C	2-1103112-3	
	2xHN.D.64.BU.C		2-1103113-3
Crimpanschluss/*Crimp terminal*   	HN.2D.108.Sti.C.B 1-108 HN.2D.108.Sti.C.B 109-216	2-1103216-3 2-1103217-3	
	HN.2D.108.Bu.C B 1-108 HN.2D.108.Bu.C.B 109-216		2-1103220-3 2-1103221-3

HN.D.128

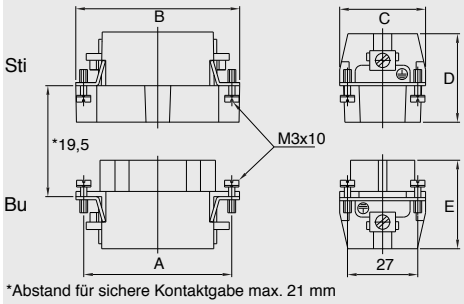
Maße/*Dimensions*	A	B	C	D	E
mm	**104**	**110**	**33**	**35**	**35**

HN.2D.216

Maße/*Dimensions*	A	B	C	D	E
mm	**104**	**110**	**34**	**36,5**	**37**

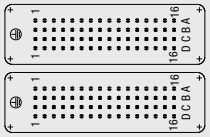
Passende Crimpkontakte siehe Seite 34, Passende Crimpwerkzeuge siehe Seite 34
Suitable Crimp contacts see page 34, Suitable Crimping tools see page 34

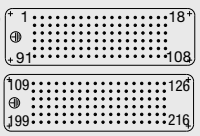
Maßbild mm/*Dimensions mm*



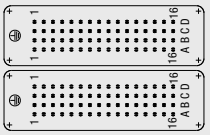
*Abstand für sichere Kontaktgabe max. 21 mm

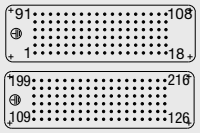
Anschlußseite Stift/*Contact arrangement Male insert*

HN.D.128 

HN.2D.216 

Anschlußseite Buchse/*Contact arrangement Female insert*

HN.D.128 

HN.2D.216 

HD.128/HEE 92 Kontakteinsätze/*Contact inserts*

Baugröße/*Size 12*

Crimpanschluss für gestanzte HD.M Crimpkontakte (HD.128)
Crimpanschluss für gedrehte HVT Crimpkontakte (HEE 92)

Crimp terminal for stamped HD.M crimp contacts (HD.128)
Crimp terminal for screw machined HVT crimp contacts (HEE 92)

Kontaktzahlen
No. of contacts

(2 x 64)/(2 x 46) 128/92 + ⏚

250 V/10 A / 500 V/16 A

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert*			
Crimpanschluss/*Crimp terminal*	2xHD.64.Sti.C	2-1103032-3	
Buchseneinsatz/*Female insert*	2xHD.64.Bu.C		2-1103033-3
	HEE.46.Sti.C	0-1102886-1	
	HEE.46.Sti.C.B47-92	0-1102886-2	
	HEE.46.Bu.C		0-1102887-1
	HEE.46.Bu.C.B47-92		0-1102887-2

HD.128

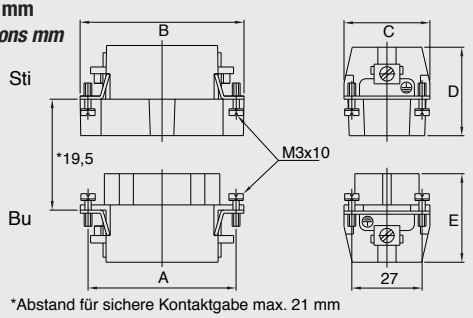
Maße/*Dimensions*	A	B	C	D	E
mm	**104**	**110**	**33**	**35**	**35**

HEE.92

Maße/*Dimensions*	A	B	C	D	E
mm	**104**	**110**	**33**	**34**	**37**

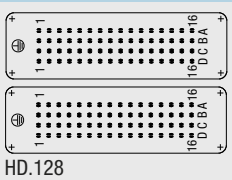
Passende Crimpkontakte siehe Seite 35/37, Passende Crimpwerkzeuge siehe Seite 35/37
Suitable Crimp contacts see page 35/37, Suitable Crimping tools see page 35/37

Maßbild mm
Dimensions mm

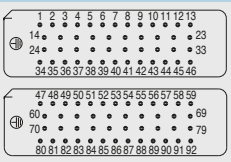


*Abstand für sichere Kontaktgabe max. 21 mm

Anschlußseite Stift/
Contact arrangement
Male insert

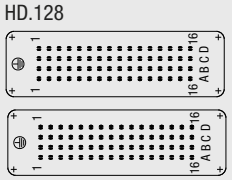


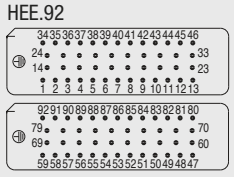
HD.128



HEE.92

Anschlußseite Buchse/
Contact arrangement
Female insert





Modul Halterahmen/*Module Fixing Frame* — Baugröße/*Size 12*

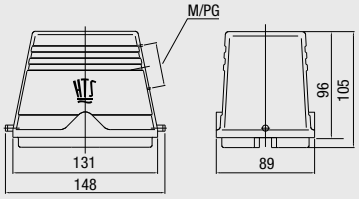
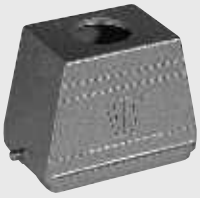
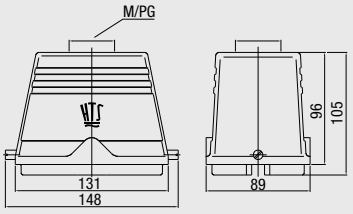
Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Oberteil *Top part*	Unterteil *Bottom part*
Halterahmen/*Fixing frame*			
 Für Modul MDL Seite 194–203 *For module MDL page 194–203*	MDL2-GR.O-8/B.1-4 MDL2-GR.O-8/B.5-8	0-1108780-1 0-1108780-6	
 Für Modul MDL Seite 194–203 *For module MDL page 194–203*	MDL2-GR.U-8/B.1-4 MDL2-GR.U-8/B.5-8		0-1108780-2 0-1108780-7
Halterahmen/*Fixing frame*			
 Für Modul HVS Seite 204–212 *For module HVS page 204–212*	HVS-R.O 1-6 HVS-R.U 1-6	0-1103250-1	0-1103250-2

HB.48, HB-K.48 Gehäuse/*Housings* — Baugröße/*Size 12*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Steckergehäuse: Kabeleingang seitlich, Standard Bauform ***Hood:*** *Side entry, Standard construction*				
 		29	HB.48.STS-GR.1.29.G	1-1102373-7
		36	HB.48.STS-GR.1.36.G	1-1102376-7
		42	HB.48.STS-GR.1.42.G	1-1102379-7
	M50		HB.48.STS-GR.1.M50.G	0-1106482-2
			Mit Korrosionsschutz *With corrosion protection*	
		36	HB-K.48.STS-GR.1.36.G	2-1102376-7
	M50		HB-K.48.STS-GR.1.M50.G	0-1106482-4
Steckergehäuse: Kabeleingang oben, Standard Bauform ***Hood:*** *Top entry, Standard construction*				
 		29	HB.48.STO-GR.1.29.G	1-1102382-7
		36	HB.48.STO-GR.1.36.G	1-1102385-7
		42	HB.48.STO-GR.1.42.G	1-1102388-7
	M50		HB.48.STO-GR.1.M50.G	0-1106482-1
			Mit Korrosionsschutz *With corrosion protection*	
		36	HB-K.48.STO-GR.1.36.G	2-1102385-7
	M50		HB-K.48.STO-GR.1.M50.G	0-1106482-6

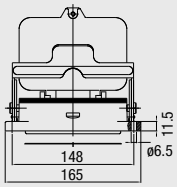
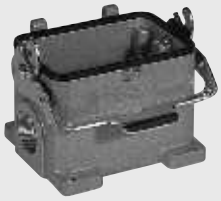
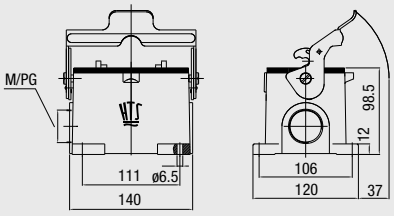
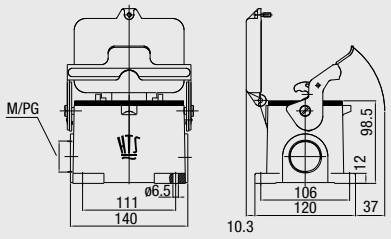
Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

HB.48, HB-K.48 Gehäuse/*Housings* — Baugröße/*Size 12*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Längsbügel am Unterteil/*Side clip at housing bottom* — IP 65

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Anbaugehäuse: Kabeleingang unten, Standard Bauform ***Surface mounted housing:*** *Bottom entry, Standard construction*				
 			HB.48.AGD-LB	1-1102389-2
			Mit Korrosionsschutz *With corrosion protection*	
			HB-K.48.AGD-LB	2-1102389-2
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*				
 		29	HB.48.SG-LB.1.29.Z	1-1102391-2
		2x29	HB.48.SG-LB.2.29.Z	1-1102393-2
		36	HB.48.SG-LB.1.36.Z	1-1102395-2
		2x36	HB.48.SG-LB.2.36.Z	1-1102397-2
	2xM40		HB.48.SG-LB.2.M40.Z	0-1106481-2
			Mit Korrosionsschutz *With corrosion protection*	
		36	HB-K.48.SG-LB.1.36.Z	2-1102395-2
		2x36	HB-K.48.SG-LB.2.36.Z	2-1102397-2
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform ***Surface mounted housing:*** *Side entry, Standard construction*				
 		29	HB.48.SGD-LB.1.29.Z	1-1107001-2
		2x29	HB.48.SGD-LB.2.29.Z	1-1107003-2
		36	HB.48.SGD-LB.1.36.Z	1-1107005-2
		2x36	HB.48.SGD-LB.2.36.Z	1-1107007-2
	2xM40		HB.48.SGD-LB.2.M40.Z	0-1106481-1
			Mit Korrosionsschutz *With corrosion protection*	
		36	HB-K.48.SGD-LB.1.36.Z	2-1107005-2
		2x36	HB-K.48.SGD-LB.2.36.Z	2-1107007-2
	2xM40		HB-K.48.SGD-LB.2.M40.Z	0-1106481-4

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

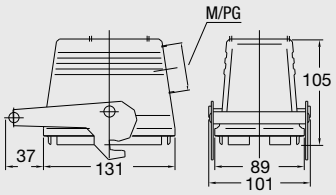
HB/Z.48, HB/Z-K.48 Gehäuse/*Housings* — Baugröße/*Size 12*

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

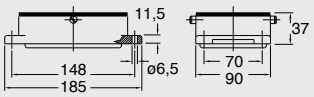
Zentralbügel am Steckergehäuse/*Central locking clip on hood* — IP 65

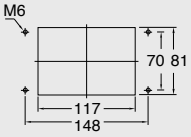
Steckergehäuse: Kabeleingang seitlich, Standard Bauform
Hood: *Side entry, Standard construction*



Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
		42	HB/Z.48.Sts-ZB.1.42.G	1-1102234-3
		48	HB/Z.48.Sts-ZB.1.48.G	1-1102236-3
			Mit Korrosionsschutz *With corrosion protection*	
		42	HB-K/Z.48.Sts-ZB.1.42.G	2-1102234-3
		48	HB-K/Z.48.Sts-ZB.1.48.G	2-1102236-3

Anbaugehäuse: Kabeleingang unten, Standard Bauform
Surface mounted housing: *bottom entry, Standard construction*





			HB/Z.48.AG-ZVGR	1-1102237-8
			Mit Korrosionsschutz *With corrosion protection*	
			HB-K/Z.48.AG-ZVGR	2-1102237-8

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

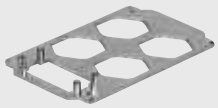
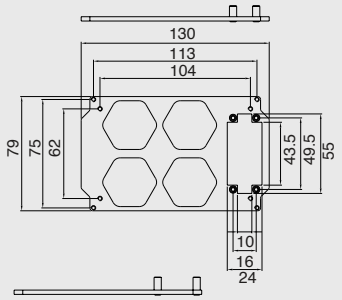
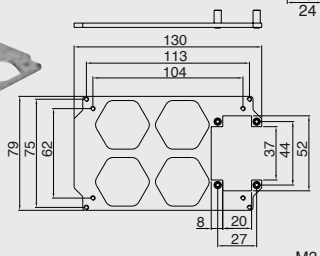
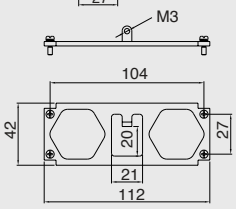
HF-13 Modul/*Module*

Baugröße/*Size 8/12*

Kontaktzahlen
No. of contacts

2 + 1; 4 + 1 + ⏚

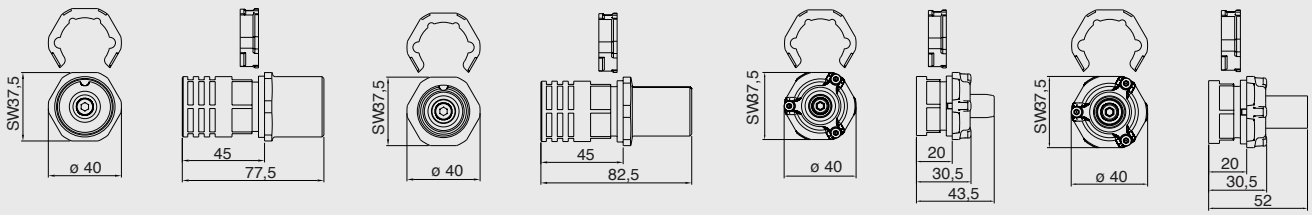
3 kV/350 A

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Stifteinsatz *Male insert*	Bestell-Nr./*Order No.* Buchseneinsatz *Female insert*
Stifteinsatz/*Male insert* — Buchseneinsatz/*Female insert*			
 Powerkontakt *Contact for power* 	HF.13.Sti.	0-1110950-2	
	HF.13.Bu.		0-1110951-2
 Erdkontakt *Contact for grounding* 	HF.13.Sti.E	0-1110950-4	
	HF.13.Bu.E		0-1110951-4
		Oberteil *Top*	Unterteil *Bottom*
3 x Leistung 1 x Erde 1 x BG 2 (HA.10) Montage im HF.12 Gehäuse *3 x for power* *1 x for earth* *1 x for signal (HA.10)* *Assembly in HF.12 Housings*  	HF.12.3+PE+BG2	0-1110955-3	0-1110955-1
3 x Leistung 1 x Erde 1 x BG 3 (HE.6) Montage im HF.12 Gehäuse *3 x for power* *1 x for earth* *1 x for signal (HE.6)* *Assembly in HF.12 Housings*  	HF.12.3+PE+BG3	0-1110955-4	0-1110955-2
2 x Leistung 1 x BG61 (HA.3/HE.Q5) Montage im HF.8 Gehäuse *2 x for power* *1 x signal* *Assembly in HF.8 Housings*  	HF.8.2+BG1 HF.8.2+BG1	0-1110960-2	0-1110960-1* 0-1110960-3**

* für Gehäuse-Unterteil mit 81 mm Höhe/*for Bottomhousing with 81 mm height*
** für Gehäuse-Unterteil mit 20 mm Höhe/*for Bottomhousing with 20 mm height*

Passende Crimpkontakte siehe Seite 42, Passende Crimpwerkzeuge siehe Seite 42
Suitable Crimp contacts see page 42, Suitable Crimping tools see page 42

Maßbild mm
Dimensions mm



Powerkontakt Stift
Contact for power male

Powerkontakt Buchse
Contact for power female

Erdkontakt Stift
Contact for grounding male

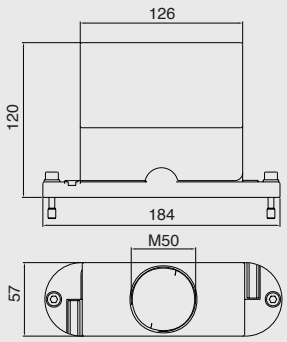
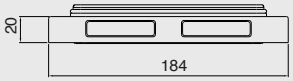
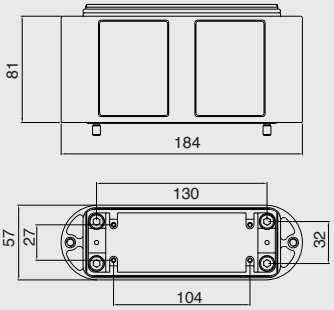
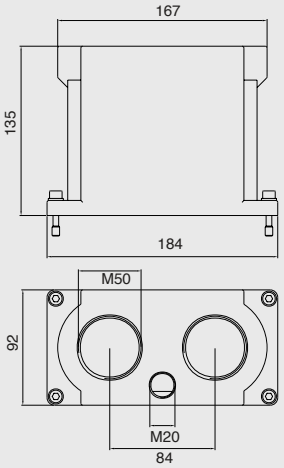
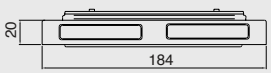
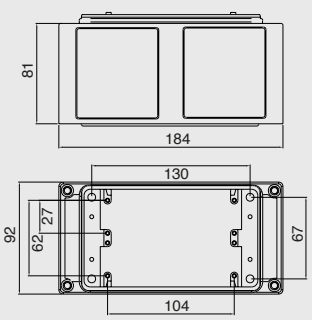
Erdkontakt Buchse
Contact for grounding female

HF-HIP-K 8/HF-EMV-K 8 HF-HIP-K 12/HF-EMV-K 12 Gehäuse/*Housings* Baugröße/*Size 8/12*

EMV-K: Schutz gegen elektromagnetische Beeinflussung, druckdicht, korrosionsgeschützt, schwarz
HIP-K: Korrosionsgeschützt, schwarz

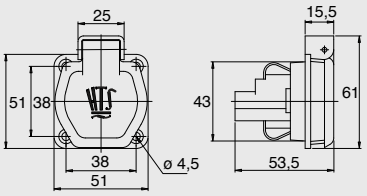
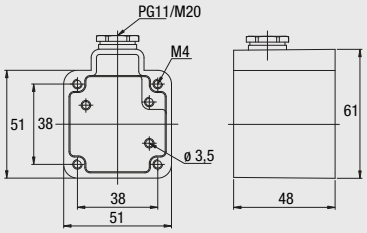
EMV: Protection against electro-magnetic interference, pressure-tight, Housings corrosion-resistant, black
HIP-K: Housings corrosion-resistant, black

Schraubverriegelung am Oberteil/*Screw lock on hood* IP 68

Bezeichnung *Description*		Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Gehäuseoberteil *Hood*	 	1 x M50		HF-HIP-K.8.Sto.1.M50G	0-1102839-4
		1 x M50		HF.8.EMV-K.8.Sto.1.M50G	0-1102839-3
		2 x M40		HF.HIP-K.8.Sto.2.M40G	0-1102839-2
		2 x M40		HF.EMV-K.8.Sto.2.M40G	0-1102839-1
Gehäuseunterteil *Housing bottom*	  	Höhe/*height*			
			20 mm	HF-HIP-K.8.AG.N	0-1102837-2
			20 mm	HF-EMV-K.8.AG.N	0-1102837-1
		81 mm		HF-HIP-K.8.AG	0-1102836-2
		81 mm		HF-EMV-K.8.AG	0-1102836-1
Gehäuseoberteil *Hood*	 	2 x M40		HF-HIP-K.12.Sto.2.M40G	0-1102840-2
		2 x M40		HF-EMV-K.12.Sto.2.M40G	0-1102840-1
		2 x M50		HF-HIP-K.12.Sto.2.M50G	0-1102840-4
		2 x M50		HF-EMV-K.12.Sto.2.M50G	0-1102840-3
Gehäuseunterteil *Housing bottom*	  	Höhe/*height*			
			20 mm	HF-HIP-K.12.AG.N	0-1102838-2
			20 mm	HF-EMV-K.12.AG.N	0-1102838-1
		81 mm		HF-HIP-K.12.AG	0-1102192-2
		81 mm		HF-EMVK-K.12.AG	0-1102192-1

Passende Kabelverschraubungen ab Seite 188/*Suitable Cable fittings from page 188*

Schutzkontakt

Bezeichnung *Description*		Bestelltext *Designation*	Bestell-Nr. *Order No.*
		UP.M	1-1102975-9
		AP.M.11 AP.M.1.M20	1-1102978-9 0-1102978-2

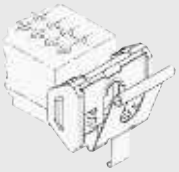
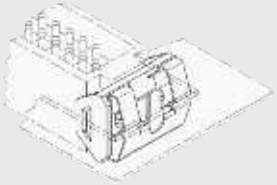
Technische Kennwerte

Kontaktzahlen	2 + PE
el. Bemessungsstrom [A]	10
el. Bemessungsspannung [V]	250
Temperaturbereich	-40°C – +125°C
Schraubanschluss	0,5 – 2,5 mm²

Technical Specification

No. of Contacts	*2 + PE*
rated current [A]	*10*
rated voltage [V]	*250*
temperature range	*-40°C – +125°C*
screw terminal	*0,5 – 2,5 mm²*

Quick-In System/*Quick-In System*

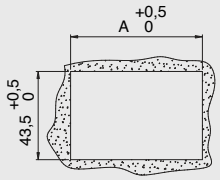
Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr.** *Order No.*
Rasterelement zur Verriegelung Stifteinsatz-Buchseneinsatz *locking elemnet for fixing ipin insert-socket insert*  	QSB	0-1106515-1
Rasterelement zur Befestigung im Montageausschnitt *locking elemnet for fixing in panel cut-out*  	QM	0-1106516-1
Kodierset *Coding set* 	Cos.Quick-In	0-1110939-3
Zugentlastungsschelle *Cable clamp* 	ZE-HSB-Quick	0-1108723-1

Blechdicke/*Panel strength*
min. 1mm – max. 2mm

Baugrösse *Size*	Abmessungen *Dimensions* **A**
3	65
4	78
6	98,5
8	125

Blechdicke/*Panel strength*
2mm – max. 3mm

Baugrösse *Size*	Abmessungen *Dimensions* **A**
3	66
4	79
6	99,5
8	126



Merkmale

- Befestigung der Rastelemente am Kontakteinsatz ohne Werkzeug
- Funktionalität durch robuste Ausführung
- Bedienerfreundliches Handling
- Höchstmass an Flexibilität
- Kostensenkung durch rationelle Verarbeitung und Entfall der Metallgehäuse
- Platzsparende Montage
- Verwendbar für alle Kontakteinsätze der Baugrössen 3, 4, 6, 8
- Montagekostenreduktion durch Vorassemblage

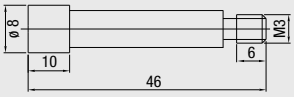
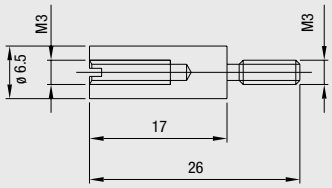
Characteristics

- *fixing of the locking elemnets on the contact insert without tools*
- *practicality due to solid execution*
- *user-friendly handling*
- *highest degree of flexibility*
- *cost reduction due to economic finish and omission of metal housings*
- *space-saving assembly*
- *can be used for all contact inserts of the sizes 3, 4, 6, 8*
- *cost reduction due to pre-assembly*

Schraubverbindung für Kontakteinsätze/*Screw connection for contact inserts*

Schraubverbindung
Rändel- und Buchsenschrauben sichern Kontakteinsätze, die ohne Gehäuse in Schaltschrankausschnitte montiert werden und infolge von Schwingungen eine Trennung der elektrischen Verbindung oder das Herabfallen verhindern. Passende Ausführungen sind für alle rechteckigen Kontakteinsätze der Baugrössen 3, 4, 6, 8, 10, 12 erhältlich.

Screw connection
Thumb and bush screws ensure secure mating of contact inserts which are mounted directly into cut-outs in panels (i. e. without housings). Screw versions are available for all rectangular contact inserts of size 3, 4, 6, 8, 10, 12.

	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Rändelschraube *Thumb screw*		
 	RS-M3	1-1106107-1
Für die Montage der Kontaktträger werden je Steckverbindung 2 Rändel- und 2 Buchsenschrauben eigesetzt. *For the assembly of the contact carriers, you need 2 bush screws and 2 thumb screws for each plug connection.*		
Buchsenschraube *Bush screw*		
 	BEBO.M3.KURZ	1-1106109-1

Kodierung/*Coding*

Kodierungsmöglichkeiten ***Codings***	**Bezeichnung** ***Description***	**Bestelltext** ***Designation***	**Bestell-Nr.** ***Order No.***
Kodierungsmöglichkeiten mit Sperrbolzen Für Gehäuse mit 1 Kontakteinsatz *Coding with code pins* *For housings with 1 contact insert*	**Sperrbolzen** ***Code pin***	SPB-M3	1-1106100-1
Mit 2 Kontakteinsätzen/*with 2 contact inserts*			
Kodierungen mit Führungsstiften und -buchsen verhindern weitestgehend ein Schrägstecken und -ziehen des Steckers. Schräglage nach DIN EN 175.301-801 in Längsrichtung ± 5°. *Coding with guide pins and bushes prevents angular plugging and unplugging the connector.* *Max. angle as per DIN EN 175.301-801 (longitudinally) ± 5°.*	**Führungsstifte- und buchsen** ***Guide pins and bushes***		
Für Gehäuse mit 1 Kontakteinsatz *For housings with 1 contact insert*	**Führungsbuchse** ***Guide bush***	F-Bu-M3	1-1106101-1
Für Gehäuse mit 2 Kontakteinsätzen *For housings with 2 contact inserts*	**Führungsstift** ***Guide pins***	F-Sti-M3	1-1106102-1

Pro Steckverbinder werden 4 Sperrbolzen benötigt
4 code pins are required per connector

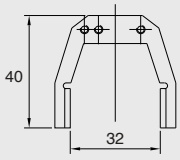
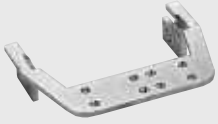
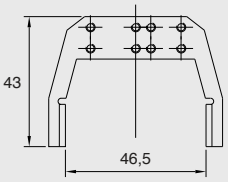
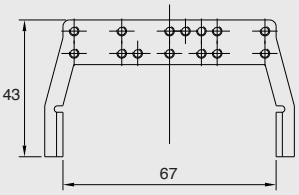
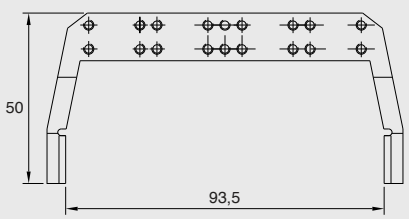
Sti = Stifteinsatz/*Male insert*
Bu = Buchseneinsatz/*Female insert*
▲ = Sperrbolzen/*Code pin*
✚ = Befestigungsschraube/*Fixing screw*

Sti = Stifteinsatz/*Male insert*
Bu = Buchseneinsatz/*Female insert*
● = Führungsstift/*Guide pin*
○ = Führungsbuchse/*Guide bush*
✚ = Befestigungsschraube/*Fixing screw*

Schirmkontaktbügel/*Screen termination*

- **zur nachträglichen Montage am Kontakteinsatz**
- **zur Auflage von geschirmten Kabeln**

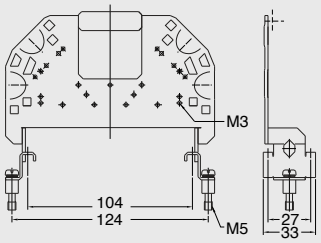
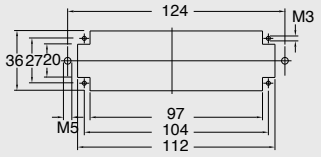
- ***for post-assembly on contact insert***
- ***for reception of screened cables***

Bezeichnung ***Description***		**Bestelltext** ***Designation***	**Bestell-Nr.** ***Order No.***
Schirmkontaktbügel *Screen termination*			
		SB.ST.Bgr.3	1-1106305-9
		SB.ST.Bgr.4	1-1106306-9
		SB.ST.Bgr.6	1-1106307-9
		SB.ST.Bgr.8	1-1106308-9
		SB.HSS.Bgr.8	1-1106309-9

Griffblech/*Grip*

Griffblech dient als:
Zugentlastung/Schirmauflage/Montage ohne Gehäuse

Grip
Strain relief/Screen bar/Application without housing

Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr.** *Order No.*
Griffblech Baugröße 8 *Grip size 8*  	GB.1.-BG.8	1-1106301-9
Montageausschnitt / *Panel cut-out* 	GB1.BG.6	1-1106300-9
Schirmschiene *Braid bar* 	S-Schelle gross	0-1102081-1
	S-Schelle klein	0-1102082-1
	Schirmschiene gerade	0-1110505-1

Zubehör für Schirmkontaktbügel/*Accessories for screen termination*

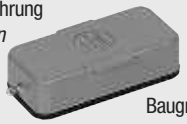
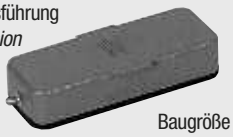
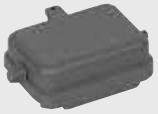
Bezeichnung ***Description***	**Bestelltext** ***Designation***	**Bestell-Nr.** ***Order No.***
Schellenset *Cable clamp*		
	Schellenset/Cable clamp	
	4,5mm	1-1106302-9
	5mm	2-1106302-9
	6mm	3-1106302-9
	7mm	4-1106302-9
	8mm	5-1106302-9
	9mm	6-1106302-9
	10mm	7-1106302-9
Erdungsband *Grounding terminal*		
	Erdungsband Grounding terminal	
	Set 90mm	1-1106303-9
	Set 120mm	2-1106303-9
	Set 220mm	3-1106303-9
Schrauben-Set *Screw set*		
	Schrauben-Set/Screw set	1-1106304-9

Schutzkappe für Gehäuseober- /unterteile/*Protective covers for housings*

Verstärkte Kunstoffschale (UV-beständig)
Metallausführung

Reinforced plastic shell (UV-resistant)
Metal-Version

Baugrösse 1,2,3,4,5,6,8/*Size 1,2,3,4,5,6,8*

Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr.** *Order No.*
Schutzkappe für Gehäuseunterteile ***Protective cover*** *for housings* Metall-Ausführung *Metal version*  Baugröße 1/*size 1*	HA.3.SKB	2-1106205-7
 Baugröße 1/*size 1*	HG-Q.5.DE HG-Q.5.DE.BL	0-1103176-1 0-1103176-2
 Baugröße HG-Q/*size HG-Q*	Set-HG-Q.8.SKP	0-1108818-1
Metall-Ausführung *Metal version*  Baugröße 2/*size 2*	HB.6.SKB HA.10.SKB	1-1106207-7 2-1106206-7
Metall-Ausführung *Metal version*  Baugröße 5/*size 5*	HA.16.SKB	2-1106208-7
 Baugröße 3/*size 3*	mit Fangschnur *with attachment string* HB.6.SKP	 5-1106207-7
 Baugröße 4/*size 4*	mit Fangschnur *with attachment string* HB.10.SKP	 5-1106213-6
 Baugröße 6/*size 6*	mit Fangschnur *with attachment string* HB.16.SKP-VS HB.16.SKP-LB	 2-1106214-0 3-1106214-0
 Baugröße 8/*size 8*	mit Fangschnur *with attachment string* HB.24.SKP-VS HB.24.SKP-LB	 2-1106216-0 3-1106216-0
Schutzkappe für Gehäuseoberteile Kunststoffschale/***Protective cover*** *for housings Plastic shell*  Baugröße 6/*size 6*	HB.16.SKP-VS+D	2-1106214-1
 Baugröße 8/*size 8*	HB.24.SKP-VS+D	2-1106216-1

Schutzdeckel für Gehäuseober- /unterteile/*Protective covers for hoods and housings*

Verstärkte Kunststoffschale (UV-beständig), Ausführung mit und ohne Fangschnur
Metallausführung

Reinforced plastic shell (UV-resistant), Versions with/without attachment string
Metal-Version

Baugrösse 3, 4, 6 + 8/*Size 3, 4, 6 + 8*

Bezeichnung *Description*		Bestell-Nr. *Order No.*
Schutzdeckel für Gehäuseober- und Gehäuseunterteile mit Bolzen ***Protective cover*** *for hoods and housings with bolts*		
 Baugröße 6/8/*size 6/8*	SKP.6 SKP.8 mit Fangschnur *with attachment string* SKP.6.F SKP.8.F	0-1110684-3 0-1110661-3 0-1106258-3 0-1106258-4
Schutzdeckel für Gehäuseoberteile mit Zentralbügel ***Protective cover*** *for hoods with central locking clip*		
 Baugröße 6/8/*size 6/8*	SKP.6/R SKP.8/R mit Fangschnur *with attachment string* SKP.6/R.F SKP.8/R.F	0-1110684-4 0-1110661-4 0-1106259-3 0-1106259-4
Schutzkappen für Gehäuse-Unterteile Serien HIP, EMV, EMV-K ***Protective covers for housings series HIP, EMV, EMV-K***		
	**HIP** HIP/EMV.6/16.SKB **HIP-K** HIP-K/EMV-K.6/16.SKB	 3-1106201-5 4-1106201-5
	**HIP** HIP/EMV.10/24.SKB **HIP-K/EMV-K** HIP-K/EMV-K.10/24.SKB	 3-1106202-5 4-1106202-5
	**HIP** HIP/EMV.16/40.SKB **HIP-K** HIP-K.16/40.SKB	 3-1106203-5 4-1106203-5
	**HIP** HIP/EMV.24/64.SKB **HIP-K/EMV-K** HIP-K/EMV-K.24/64.SKB	 3-1106204-5 4-1106204-5

Baugrösse/*Size*	A = mm
6	105
8	132

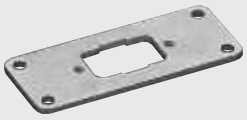
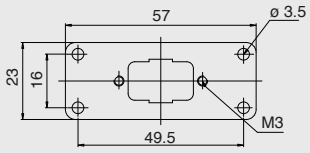
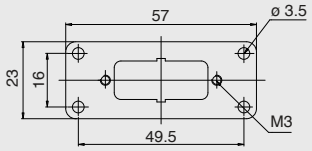
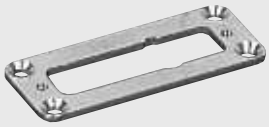
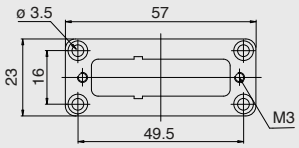
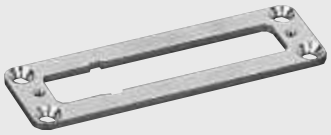
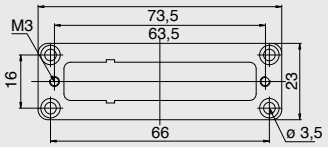
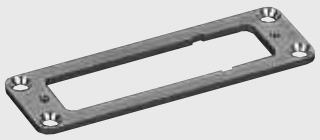
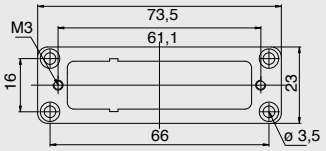
Baugrösse/*Size*	A = mm
6	105
8	132

Adapterbleche für SUB-D Einsätze/*Adapter plates for SUB-D inserts*

Zur Montage von SUB-D Einsätzen

For assembly of SUB-D inserts

Adapterplatten für Serie HA/*Adapterplates for Series HA*

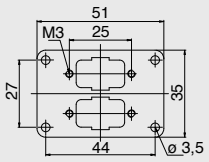
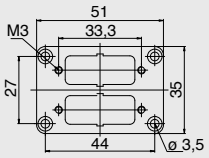
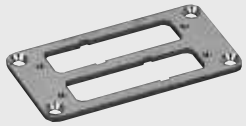
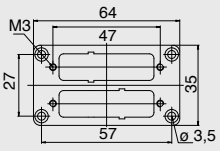
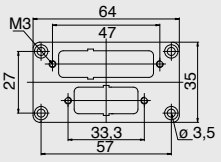
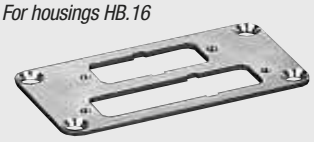
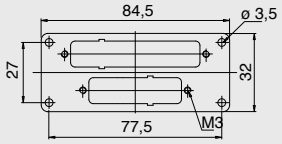
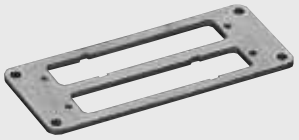
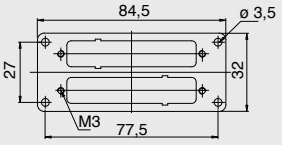
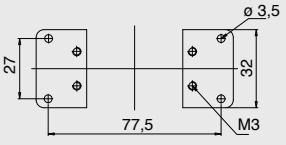
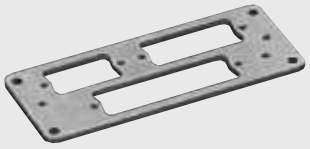
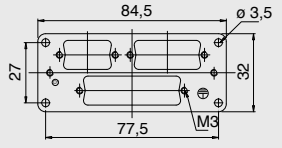
Bezeichnung *Description*		Bestelltext *Designation*	Bestell-Nr./*Order No.* Oberteile *for hood*	 Unterteile *for bottom*
Für Gehäuse HA.10 *For housings HA.10*				
		1 x 9	0-1107197-1	0-1107196-1
		1 x 15	0-1107197-2	0-1107196-2
		1 x 25	0-1107197-3	0-1107196-3
Für Gehäuse HA.16 *For housings HA.16*				
		1 x 37	0-1107203-1	0-1107202-1
		1 x 50	0-1107203-2	0-1107202-2

Adapterbleche für SUB-D Einsätze/*Adapter plates for SUB-D inserts*

Zur Montage von SUB-D Einsätzen

For assembly of SUB-D inserts

Adapterplatten für Serie HB/*Adapterplates for Series HB*

Bezeichnung *Description*		Bestelltext *Designation*	Bestell-Nr./*Order No.* Oberteile *for hood*	 Unterteile *for bottom*
Für Gehäuse HB.6 *For housings HB.6*				
		2 x 9	0-1107199-1	0-1107198-1
		2 x 15	0-1107199-2	0-1107198-2
Für Gehäuse HB.10 *For housings HB.10*				
		1 x 15 + 25	0-1107201-2	0-1107200-2
		2 x 25	0-1107201-1	0-1107200-1
Für Gehäuse HB.16 *For housings HB.16*				
		1 x 25 + 37	0-1107205-2	0-1107204-2
		2 x 37	0-1107205-3	0-1107204-3
		2 x 50		0-1107204-4
		1 x 9 + 15 + 25	0-1107205-1	0-1107204-1

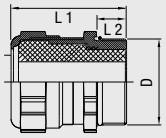
Kabelverschraubungen und Zubehör/*Cable fittings and accessories*

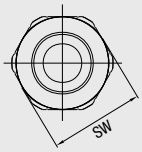
EMV-Kabelverschraubung
Schutz gegen elektromagnetische Beeinflussung

EMV-cable-fitting
Protect against electro-magnetic influence

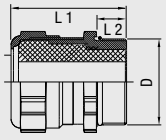
IP 68

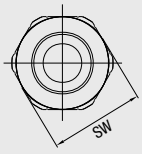
EMV-Kabelverschraubung
EMV-cable fitting





D	~L1	L2	SW	Kabel ø min	Kabel ø max
M16	27	5	17	5	9
M20	30	6	22	8	13
M25	35	7	27	11	16
M32	40	8	34	15	21
M40	45	8	43	19	27
M50	50	9	55	26	35





D	~L1	L2	SW	Kabel ø min	Kabel ø max
PG 16	27	5	17	5	9
PG 21	30	6	22	8	13
PG 29	35	7	27	11	16

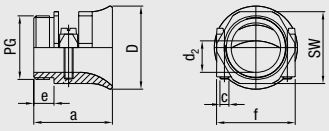
Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
	M16		EMV.M16.MS	1-1102772-6
	M20		EMV.M20.MS	2-1102772-0
	M25		EMV.M25.MS	2-1102772-5
	M32		EMV.M32.MS	3-1102772-2
	M40		EMV.M40.MS	4-1102772-0
	M50		EMV.M50.MS	5-1102772-0
		16	EMV.PG16	1-1106007-4
		21	EMV.PG21	1-1106007-9
		29	EMV.PG29	2-1106007-3

Kabelverschraubungen und Zubehör/*Cable fittings and accessories*

TDS-Kabelverschraubung AL-Druckguss
DS-Kabelverschraubung Metall

TDS cable fitting diecast aluminium alloy
DS cable fitting metal

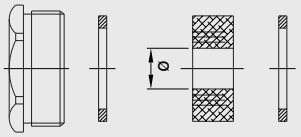
TDS-Kabelverschraubung: AL-Druckguss mit Biegeschutz-Trompete und Zugentlastung
TDS cable fitting: *Diecast aluminum alloy with bell mouth for cable bending protection and strain relief*



PG	a	c	D	d 2		e	SW	f
				min	max			
11	30	M 3	27	8,5	12	8	22	25
13,5	32	M 3	30	8,5	15	8,5	24	28
16	32	M 4	32	10	17	9	27	30
21	35	M 4	37	13,5	21,5	9	32	35
29	40	M 5	52	19	29,5	9	46	50
36	50	M 6	62	25	38	13	50	61,5
42	55,5	M 6	65	30	43	16	55	64

Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
	11	TDS.11.M	1-1106001-9
	13,5	TDS.13.M	2-1106001-9
	16	TDS.16.M	3-1106001-9
	21	TDS.21.M	4-1106001-9
	29	TDS.29.M	5-1106001-9
	36	TDS.36.M	6-1106001-9
	42	TDS.42.M	7-1106001-9

DS-Kabelverschraubung aus Metall, mit 2 Druckringen und ausschneidbaren Dichtring
DS cable fitting *metal, with 2 pressure rings and cut-out sealing ring*



PG	ø min	ø max	SW
11	7,5	12,5	18
13,5	7,5	12,5	20
16	7,5	15	22
21	10	19	28
29	18	27	37
36	24	33	47
42	30	39	54

PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
11	DS.11.DI	1-1106004-9
13,5	DS.13.DI	2-1106004-9
16	DS.16.DI	3-1106004-9
21	DS.21.DI	4-1106004-9
29	DS.29.DI	5-1106004-9
36	DS.36.DI	6-1106004-9
42	DS.42.DI	7-1106004-9

Dichtungsset für Gehäuseserie HA.3 für IP 65 Dichtring
Gastset *for series HA.3 hoods; IP 65*

für HA.3 Stecker/*for series HA.3 hood*

SetM3x8Dicht2 — 0-1103028-2

für HA.3 Anbau-/Sockel- oder Kupplungsgehäuse/*for series HA.3 housings*

SetM3x8Dicht1 — 0-1103028-1

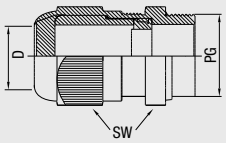
Kabelverschraubungen und Zubehör/*Cable fittings and accessories*

HUT-Verschraubung Kunststoff
HUT-Verschraubung Messing, vernickelt

Gland fitting plastic
Gland fitting brass, nickel plated

IP 68

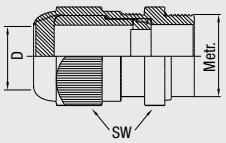
Hut-Verschraubung PG, IP 68 aus Kunststoff
Gland fitting *IP 68 plastic*



PG	D min	D max	SW
11	5	10	22
13,5	6	12	24
16	10	14	27
21	13	18	33
29	18	25	42
36	22	32	53
42	32	38	60

Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
	11	HUT.11.P	1-1106005-7
	13,5	HUT.13.P	2-1106005-7
	16	HUT.16.P	3-1106005-7
	21	HUT.21.P	4-1106005-7
	29	HUT.29.P	5-1106005-7
	36	HUT.36.P	6-1106005-7
	42	HUT.42.P	7-1106005-7

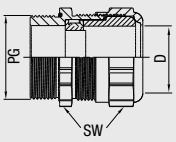
Hut-Verschraubung M,
IP 68 aus Kunststoff
Gland fitting *IP 68 plastic*



Metr.	D min	D max	SW
M16	4	8	20
M20	6	12	24
M25	10	14	29
M32	13	18	36
M40	18	25	46
M50	22	32	55

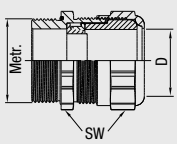
Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
M16		HUT.M16.P	1-1102771-6
M20		HUT.M20.P	2-1102771-0
M25		HUT.M25.P	2-1102771-5
M32		HUT:M32.P	3-1102771-2
M40		HUT.M40.P	4-1102771-0
M50		HUT.M50.P	5-1102771-0

Hut-Verschraubung IP 68 Messing, vernickelt
Neoprene-Dichteinsatz und O-Dichtring am Anschlussgewinde
Gland fitting IP 68 brass, *nickel-plated neoprene sealing insert and O ring at connection thread*



PG	D min	D max	SW
11	5	10	20
13,5	6	12	22
16	10	14	24
21	13	18	30
29	18	25	40
36	22	32	50
42	32	38	57

Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
	11	HUT.11.MS	1-1106006-9
	13,5	HUT.13.MS	2-1106006-9
	16	HUT.16.MS	3-1106006-9
	21	HUT.21.MS	4-1106006-9
	29	HUT.29 MS	5-1106006-9
	36	HUT.36.MS	6-1106006-9
	42	HUT.42.MS	7-1106006-9



Metr.	D min	D max	SW
M16	5	10	17
M20	6	12	22
M25	13	18	27
M32	18	25	34
M40	22	32	43
M50	32	38	55

Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
M16		HUT.M16.MS	1-1102770-6
M20		HUT.M20.MS	2-1102770-0
M25		HUT.M25.MS	2-1102770-5
M32		HUT.M32.MS	3-1102770-2
M40		HUT.M40.MS	4-1102770-0
M50		HUT.M50.MS	5-1102770-0

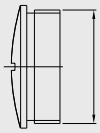
Kabelverschraubungen und Zubehör/*Cable fittings and accessories*

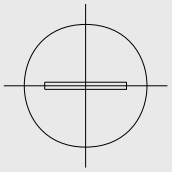
GM-Gegenmuttern, BS-Blindstopfen, Zwischenstutzen 6kt
Messing, vernickelt

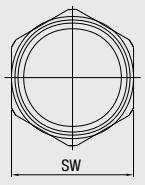
GM lock nut, BS blanking piece, hexagonal adaptor
Brass, nickel plated

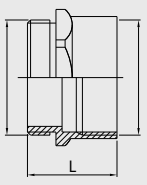
Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
GM-Gegenmuttern Messing vernickelt, bei dünnwandiger Gehäusewand Verschraubung kontern ***GM lock nut brass nickel-plated,*** *used to lock screwed fittings* *(housings with thin walls)*				
		11	GM.11.SKT-MS	1-1106055-2
		13,5	GM.13.SKT-MS	2-1106055-2
		16	GM.16.SKT-MS	3-1106055-2
		21	GM.21.SKT-MS	4-1106055-2
		29	GM.29.SKT-MS	5-1106055-2
		36	GM.36.SKT-MS	6-1106055-2
		42	GM.42.SKT-MS	7-1106055-2
BS-Blindstopfen Messing vernickelt (O-Dichtring bitte separat bestellen) ***BS blanking piece brass nickel-plated*** *(please order O ring separately)*				
		11	BS.11.MS	1-1106056-3
		13,5	BS.13.MS	2-1106056-3
		16	BS.16.MS	3-1106056-3
		21	BS.21.MS	4-1106056-3
		29	BS.29.MS	5-1106056-3
		36	BS.36.MS	6-1106056-3
		42	BS.42.MS	7-1106056-3
	M16		BS.M16.MS	1-1102773-6
	M20		BS.M20.MS	2-1102773-0
	M25		BS.M25.MS	2-1102773-5
	M32		BS.M32.MS	3-1102773-2
	M40		BS.M40.MS	4-1102773-0
	M50		BS.M50.MS	5-1102773-0
Zwischenstutzen-6kt. Messing vernickelt (O-Dichtring bitte separat bestellen) ***Hexagonal adaptor brass, nickel-plated*** *(please order O ring separately)*				
		11	ZW.ST.11.SKT-MS	1-1106057-4
		13,5	ZW.ST.13.SKT-MS	2-1106057-4
		16	ZW.ST.16.SKT-MS	3-1106057-4
		21	ZW.ST.21.SKT-MS	4-1106057-4
		29	ZW.ST.29.SKT-MS	5-1106057-4
		36	ZW.ST.36.SKT-MS	6-1106057-4
		42	ZW.ST.42.SKT-MS	7-1106057-4

SW	Stärke *Thickness*
21	3
23	3
26	3
32	3,5
41	4
51	5
60	5









PG	L	SW
11	17	20
13,5	19	22
16	20	24
21	22	30
29	24,5	40
36	28,5	50
42	32	57

Kabelverschraubungen und Zubehör/*Cable fittings and accessories*

ERW-Erweiterung, REDU 6kt, Messing, vernickelt
Adapter NPT-PG

ERW increasing piece, REDU hexagonal reducing piece, Brass, nickel plated
Adaptor NPT-PG

Bezeichnung
Description

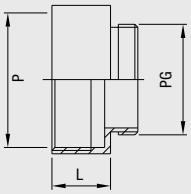
Metr.

PG

Bestelltext
Designation

Bestell-Nr.
Order No.

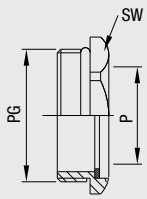
ERW-Erweiterung Messing vernickelt
ERW increasing piece *brass, nickel-plated*



PG	P	L
11	13,5	11,5
11	16	11,5
13,5	16	12,5
13,5	21	12,5
16	21	14,5
21	29	16
29	36	19,5
36	42	22

PG	Bestelltext	Bestell-Nr.
11\13,5	ERW.11/13.MS	1-1106058-5
11\16	ERW.11/16.MS	7-1106058-5
13,5\16	ERW.13/16.MS	2-1106058-5
13,5\21	ERW.13/21.MS	8-1106058-5
16\21	ERW.16/21.MS	3-1106058-5
21\29	ERW.21/29.MS	4-1106058-5
29\36	ERW.29/36.MS	5-1106058-5

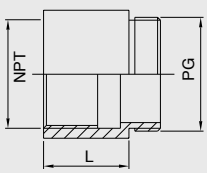
REDU-6kt. Reduzierung Messing vernickelt
REDU hexagonal reducing piece *brass, nickel-plated*



PG	P	SW
11	9	20
13,5	9	24
13,5	11	24
16	11	24
16	13,5	24
21	13,5	32
21	16	41
29	16	41
29	21	41
36	21	50
36	29	50
42	29	60

PG	Bestelltext	Bestell-Nr.
13,5\9	REDU.13/09.MS.8	8-1106062-6
13,5\11	REDU.13/11.MS.8	2-1106062-6
16\11	REDU.16/11.MS.8	9-1106062-6
16\13	REDU.16/13.MS.8	3-1106062-6
21\13	REDU.21/13.MS.8	0-1106062-6
21\16	REDU.21/16.MS.8	4-1106062-6
29\16	REDU.29/16.MS.8	0-1106062-7
29\21	REDU.29/21.MS.8	5-1106062-6
36\21	REDU.36/21.MS.8	1-1106062-7
36\29	REDU.36/29.MS.8	6-1106062-6

Adapter NPT-PG
Adapter NPT-PG



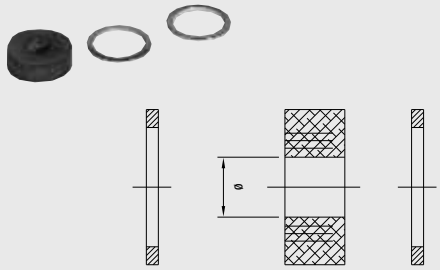
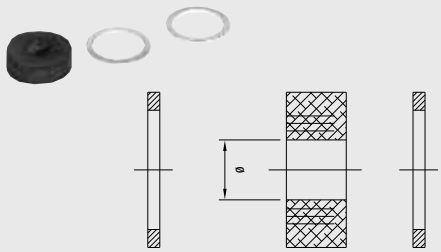
PG	NPT	L
11	3/8"	14
13,5	1/2"	18
16	1/2"	18
21	3/4"	18
36	1 1/4"	20
42	1 1/4"	18

PG	Bestelltext	Bestell-Nr.
11/3/8"	Ü-PG.11-NPT.3/8	1-1106066-8
13,5/1/2"	Ü-PG.13-NPT.1/2	2-1106066-8
16/1/2"	Ü-PG.16-NPT.1/2	3-1106066-8
21/3/4"	Ü-PG.21-NPT.3/4	4-1106066-8
36/1 1/4"	Ü-PG.36-NPT.1 1/4	6-1106066-8

Kabelverschraubungen und Zubehör/*Cable fittings and accessories*

ERW-Erweiterung, REDU 6kt, Messing, vernickelt
Adapter NPT-PG

ERW increasing piece, REDU hexagonal reducing piece, Brass, nickel plated
Adaptor NPT-PG

Bezeichnung *Description*	Metr.	PG	Bestelltext *Designation*	Bestell-Nr. *Order No.*
Ausschneidbarer Dichtring Neoprene schwarz, mit 2 Metall-Druckscheiben ***Cut-out sealing ring*** *Neoprene black 2 metal pressure rings*				
		11	ASD.11.N	1-1106050-1
		13,5	ASD.13.N	2-1106050-1
		16	ASD.16.N	3-1106050-1
		21	ASD.21.N	4-1106050-1
		29	ASD.29.N	5-1106050-1
		36	ASD.36.N	6-1106050-1
		42	ASD.42.N	7-1106050-1
Ausschneidbarer Dichtring für K-Serie ***Cut-out sealing ring*** *for K-series*		16	ASD-K.16.N	3-1106051-1
		21	ASD-K.21.N	4-1106051-1
		29	ASD-K.29.N	5-1106051-1
Viton, mit 2 Kunststoff-Druckscheiben, für hohe Temperaturen ***Viton,*** *2 plastic pressure rings for high temperatures*		11	ASD-K.11.V	1-1106052-1
		21	ASD-K.21.V	4-1106052-1
		36	ASD-K.36.V	6-1106052-1
		42	ASD-K.42.V	7-1106052-1
				
O-Dichtringe Standard schwarz ***O rings*** *standard black*	M20	11	O-RING.11.SCHW	1-1106053-1
		13,5	O-RING.13.SCHW	2-1106053-1
	M25	16	O-RING.16.SCHW	3-1106053-1
	M32	21	O-RING.21.SCHW	4-1106053-1
	M40	29	O-RING.29.SCHW	5-1106053-1
	M50	36	O-RING.36.SCHW	6-1106053-1
		42	O-RING.42.SCHW	7-1106053-1
O-Dichtringe Viton, für hohe Temperaturen bis 200° C Dauertemperatur ***O rings*** *Viton, for high temperatures (up to 200° C permanent temperature)*	M20	11	O-RING.11.VITON	1-1106053-2
		13,5	O-RING.13.VITON	2-1106053-2
	M40	29	O-RING.29.VITON	5-1106053-2
		42	O-RING.42.VITON	7-1106053-2

PG	D min	D max
11	7,5	12,5
13,5	7,5	12,5
16	7,5	15
21	10	19
29	18	27
36	24	33
42	30	39

PG	D min	D max
11	7,5	12,5
13,5	7,5	12,5
16	7,5	15
21	10	19
29	18	27
36	24	33
42	30	39

Innen-Durchmesser x Schnurstärke *Inner diameter x ring diameter*
16x1,5
18x1,5
20x1,5
26x2
34x2
44x2
50x2

HF-Modul/*HF-Module*

150 A HF 06-Kontakt

150 A HF 06-contact

Kontaktzahlen
No. of contacts

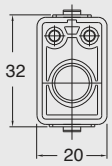
1 + 2

1000V/*150A*, *250V/10A*

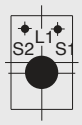
Bezeichnung *Description*		**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Oberteil für Stiftkontakte *Top part for male contacts*		MDL2.1+2.Sti.C	0-1103024-1	
Unterteil für Buchsenkontakte *Bottom part for female contacts*		MDL2.1+2.Bu.C		0-1103024-2

Passende Crimpkontakte siehe Seite 34 + 41, Passende Crimpwerkzeuge siehe Seite 34 + 42
Suitable Crimp contacts see page 34 + 41, Suitable Crimping tools see page 34 + 42

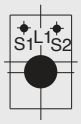
Maßbild mm
Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part



Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part



HSS Modul/*HSS Module*

für HSS Crimp Kontakte

for HSS crimp contacts

Kontaktzahlen
No. of contacts

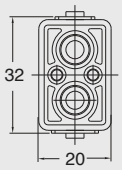
2 + 2

1000V/*63A*, *250V/10A*

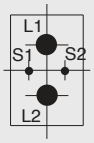
Bezeichnung *Description*		**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Oberteil für Stiftkontakte *Top part for male contacts*		MDL2.2+2.Sti.C	0-1103019-1	
Unterteil für Buchsenkontakte *Bottom part for female contacts*		MDL2.2+2.Bu.C		0-1103019-2

Passende Crimpkontakte siehe Seite 34 + 41, Passende Crimpwerkzeuge siehe Seite 34 + 41
Suitable Crimp contacts see page 34 + 41, Suitable Crimping tools see page 34 + 41

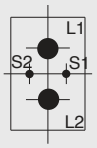
Maßbild mm
Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part



Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part



HSM Modul/*HSM Module*

für HSM Crimp Kontakte

for HSM crimp contacts

Kontaktzahlen
No. of contacts

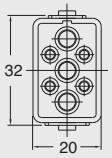
3 + 4

1000V/*40A*, *250V/10A*

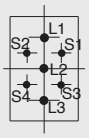
Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Oberteil für Stiftkontakte *Top part for male contacts*	MDL2.3+4.Sti.C	0-1103018-1	
Unterteil für Buchsenkontakte *Bottom part for female contacts*	MDL2.3+4.Bu.C		0-1103018-2

Passende Crimpkontakte siehe Seite 34 + 40, Passende Crimpwerkzeuge siehe Seite 34 + 40
Suitable Crimp contacts see page 34 + 40, Suitable Crimping tools see page 34 + 40

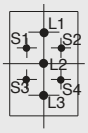
Maßbild mm
Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part



Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part



HVT-Modul/*HVT-Module*

für HVT Crimp Kontakte

for HVT crimp contacts

Kontaktzahlen
No. of contacts

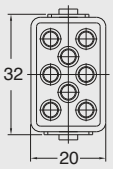
8

400V/*16A*

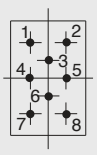
Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Oberteil für Stiftkontakte *Top part for male contacts*	MDL2.8.Sti.C	0-1103015-1	
Unterteil für Buchsenkontakte *Bottom part for female contacts*	MDL2.8.Bu.C		0-1103015-2

Passende Crimpkontakte siehe Seite 38, Passende Crimpwerkzeuge siehe Seite 38
Suitable Crimp contacts see page 38 Suitable Crimping tools see page 38

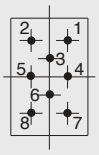
Maßbild mm
Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part



Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part



HN.D-Modul/*HN.D-Module*

für HN.D Crimp Kontakte

for HN.D crimp contacts

Kontaktzahlen
No. of contacts

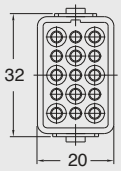
15

400V/10A

Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./** *Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Oberteil für Stiftkontakte *Top part for male contacts*	MDL2.HN.D.15.Sti.C	0-1103017-1	
	MDL2.HN.D.18.Sti.C	0-1103076-1	
Unterteil für Buchsenkontakte *Bottom part for female contacts*	MDL2.HN.D.15.Bu.C		0-1103017-2
	MDL2.HN.D.18.Bu.C		0-1103076-2

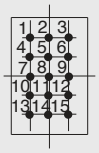
Passende Crimpkontakte siehe Seite 34, Passende Crimpwerkzeuge siehe Seite 34
Suitable Crimp contacts see page 34, Suitable Crimping tools see page 34

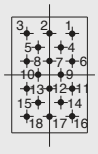
Maßbild mm
Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part

15 polig/*pole*

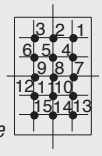


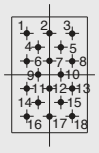


18 polig/*pole*

Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part

15 polig/*pole*





18 polig/*pole*

HD-Modul/*HD-Module*

für HD.M Crimp Kontakte

for HD.M crimp contacts

Kontaktzahlen
No. of contacts

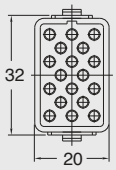
18

250V/10A

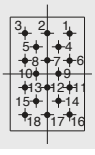
Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./** *Order No.* Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Oberteil für Stiftkontakte *Top part for male contacts*	MDL2.HD.18.Sti.C	0-1103016-1	
Unterteil für Buchsenkontakte *Bottom part for female contacts*	MDL2.HD.18.Bu.C		0-1103016-2

Passende Crimpkontakte siehe Seite 35, Fiberkontakte siehe Seite 44, Passende Crimpwerkzeuge siehe Seite 35 + 44
Suitable Crimp contacts see page 35, Suitable fiber contacts see page 44, Suitable Crimping tools see page 35 + 44

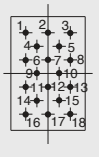
Maßbild mm
Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part



Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part



Dynamic 2800 Modul/*Dynamic 2800 Module*

für Dynamic Kontakte

for Dynamic contacts

Kontaktzahlen
No. of contacts

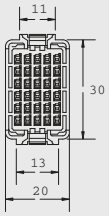
30

250V/5A

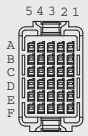
Bezeichnung *Description*		**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** **Stifteinsatz** *Male insert*	**Buchseneinsatz** *Female insert*
Oberteil für Stiftkontakte *Top part for male contacts*	Unterteil für Buchsenkontakte *Bottom part for female contacts*			
		Dynamic D-2800 Rec Hsg 30p	0-1747365-1	
		Dynamic D-2800 Tab Hsg 30p		0-1747366-1

Passende Kontakte siehe Seite 33, Passende Werkzeuge siehe Seite 33
Suitable Contacts see page 33, Suitable tools see page 33

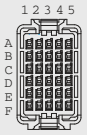
Maßbild mm
Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part



Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part



Dynamic 3800 Modul/*Dynamic 3800 Module*

für Dynamic Kontakte

for Dynamic contacts

Kontaktzahlen
No. of contacts

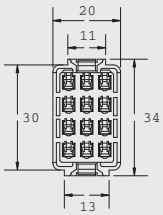
12

600V/8A

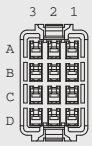
Bezeichnung *Description*		**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** **Stifteinsatz** *Male insert*	**Buchseneinsatz** *Female insert*
Oberteil für Stiftkontakte *Top part for male contacts*	Unterteil für Buchsenkontakte *Bottom part for female contacts*			
		Dynamic D-3800	0-1747363-1	
		Dynamic D-3800		0-1747364-1

Passende Kontakte siehe Seite 33, Passende Werkzeuge siehe Seite 33
Suitable Contacts see page 33, Suitable tools see page 33

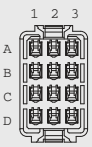
Maßbild mm
Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part



Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part



Twinax-Modul/*Twinax-Module*

für HVT Kontakte

for HVT contacts

Kontaktzahlen
No. of contacts

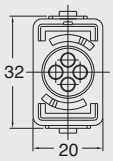
4

150V/16A

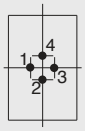
Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Oberteil für Stiftkontakte *Top part for male contacts*	MDL2.TX4.5,4.Sti.C	0-1103023-1	
	MDL2.TX4.8,5.Sti.C	0-1103022-1	
	MDL2.TX.MVB.Sti.C	0-1108785-1	
Unterteil für Buchsenkontakte *Bottom part for female contacts*	MDL2.TX4.5,4.Bu.C		0-1103023-2
	MDL2.TX4.8,5.Bu.C		0-1103022-2
	MDL2.TX.MVB.Bu.C		0-1108786-1

Passende Crimpkontakte siehe Seite 38, Passende Crimpwerkzeuge siehe Seite 38
Suitable Crimp contacts see page 38, Suitable Crimping tools see page 38

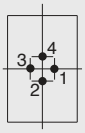
Maßbild mm
Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part



Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part



Koax-Modul/*Coax-Module*

für Coax Crimp Kontakte

for Coax crimp contacts

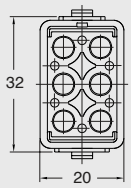
Kontaktzahlen
No. of contacts

6

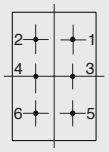
Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Oberteil für Stiftkontakte *Top part for male contacts*	MDL2.KX.58/59.Sti	0-1103021-1	
Unterteil für Buchsenkontakte *Bottom part for female contacts*	MDL2.KX.58/59.Bu		0-1103021-2

Passende Kontakte siehe Seite 43, Passende Werkzeuge siehe Seite 43
Suitable contacts see page 43, Suitable tools see page 41

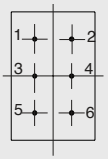
Maßbild mm
Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part



Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part



Koax-VT-Modul/*Coax-VT-Module*

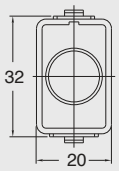
Kontaktzahlen
No. of contacts

1

Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Oberteil für Stiftkontakte *Top part for male contacts* 	MDL2.KX.VT.Sti	0-1103020-1	
Unterteil für Buchsenkontakte *Bottom part for female contacts* 	MDL2.KX.VT.Bu		0-1103020-2

Passende Coax Kontakte siehe Seite 43 (Typ KX.VT)
Suitable Coax contacts see page 43 (Type KX.VT)

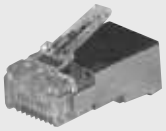
Maßbild mm
Dimensions mm



Kontaktzahlen
No. of contacts

8

Ethernet Anwendung mit RJ45/*Ethernet application with RJ45*

Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Jack	Plug
Oberteil/*Top part* 	MDL2.45.Jack.5e* MDL2.45.Jack.2**	0-1108812-1 0-1108812-2	
Unterteil/*Bottom part* 	MDL2.45.Plug		0-1108813-1
	MJ Plug ,Cat5		5-569550-4

*CAT5e
**CAT2

Passendes Werkzeug: 1-853400-0
Suitable tool: 1-853400-0

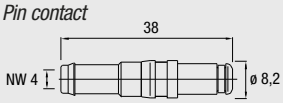
Pneumatik Modul/*Pneumatic Module* — 10 bar

Kontaktzahlen
No. of contacts

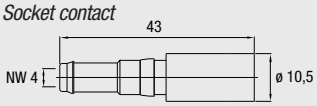
2 + 2

Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Oberteil/*Top part*  Unterteil/*Bottom part* 	MDL2-AIR.Sti*	0-1103025-1	
	MDL2-AIR.Bu*		0-1103025-2
Kontakte/*contacts*  	AIR.Sti.4mm,VA	0-1105354-1	
	AIR.Bu.V4VA mit Ventil/*with valve*		0-1105355-1
	AIR.Bu.4VA ohne Ventil/*without valve*		0-1105355-2
Ausdrückwerkzeug/*Extraction tool*	Ausdrückwerkzeug	0-1102985-1	

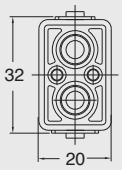
Stiftkontakt
Pin contact



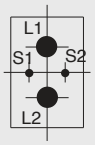
Buchsenkontakt
Socket contact



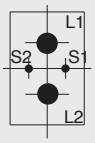
Maßbild mm
Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part



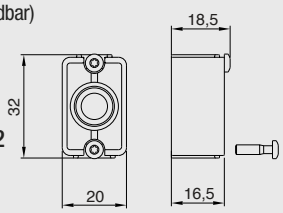
Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part

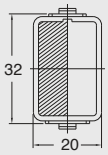


Erdmodul/*Earth-Module,* Blindmodul/*Blind-Module*

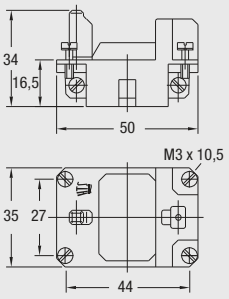
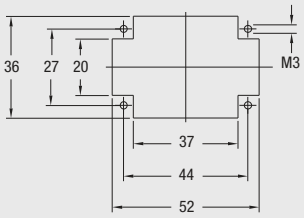
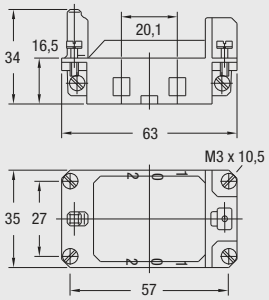
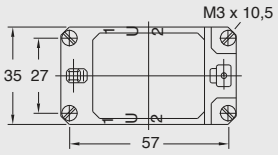
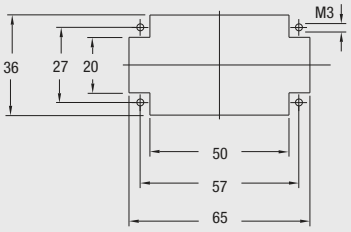
Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Oberteil *Top part*	Unterteil *Bottom part*
Blindmodul/*Blind module*			
Modulkörper für Erdkontaktierung (für Stift und Buchse verwendbar) *Modular block for earth* 	MDL.E.C-6mm	0-1110957-1	
	MDL2.Blindmodul	0-1103014-1	

Passende Kontakte siehe Seite 42
Suitable contacts see page 42

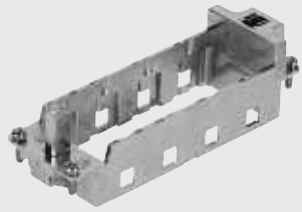




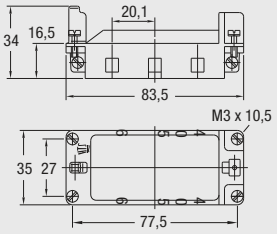
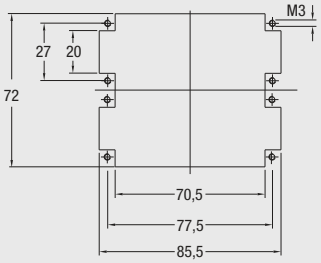
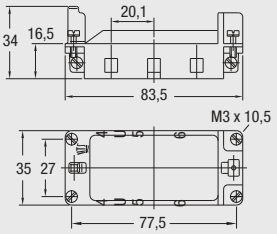
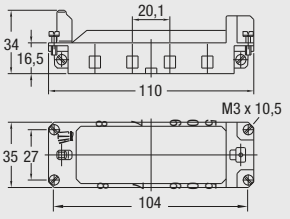
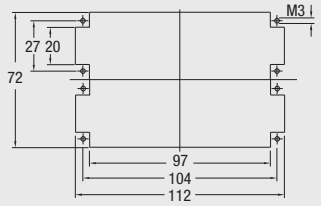
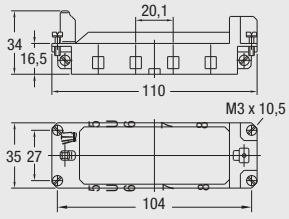
Modul Halterahmen/*Module Fixing Frame* — Baugröße/*Size 3/4*

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Oberteil *Top part*	Unterteil *Bottom part*
Halterahmen/*Fixing frame*  Für Modul MDL Seite 194–203 *For module MDL page 194–203*  Montageausschnitt/*Panel cut-out* 	MDL2-GR.O/U-3	0-1108784-1	0-1108784-1
Halterahmen/*Fixing frame*  Für Modul MDL Seite 194–203 *For module MDL page 194–203*   Montageausschnitt/*Panel cut-out* 	MDL2-GR.O-4/B.1-2 MDL2-GR.U-4/B.1-2	0-1108783-1	0-1108783-2

Modul Halterahmen/*Module Fixing Frame* — Baugröße/*Size 6/8*

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Oberteil *Top part*	Bestell-Nr./*Order No.* Unterteil *Bottom part*
Halterahmen/*Fixing frame*			
	MDL2-GR.O-6/B.1-3	0-1108782-1	
	MDL2-GR.U-6/B.1-3		0-1108782-2
Montageausschnitt/*Panel cut-out*			
	MDL2-GR.O-8/B.1-4	0-1108780-1	
	MDL2-GR.U-8/B.1-4		0-1108780-2
Montageausschnitt/*Panel cut-out*			

Modul Halterahmen/*Module Fixing Frame* — Baugröße/*Size 10/12*

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Oberteil *Top part*	Unterteil *Bottom part*
Halterahmen/*Fixing frame*			
 	MDL2-GR.O-6/B.1-3 MDL2-GR.O-6/B.4-6	0-1108782-1 0-1108782-4	
Montageausschnitt/*Panel cut-out* 			
 	MDL2-GR.U-6/B.1-3 MDL2-GR.U-6/B.4-6		0-1108782-2 0-1108782-5
 	MDL2-GR.O-8/B.1-4 MDL2-GR.O-8/B.5-8	0-1108780-1 0-1108780-6	
Montageausschnitt/*Panel cut-out* 			
 	MDL2-GR.U-8/B.1-4 MDL2-GR.U-8/B.5-8		0-1108780-2 0-1108780-7

HVS-HSS-Modul/*HVS-HSS-Module*

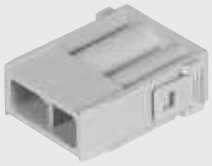
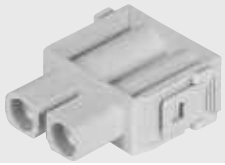
für HSS Crimp Kontakte

for HSS crimp contacts

Kontaktzahlen
No. of contacts

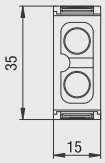
2

500V/63A

Bezeichnung *Description*		**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** **Stifteinsatz** *Male insert*	**Buchseneinsatz** *Female insert*
Oberteil für Stiftkontakte *Top part for male contacts*		HVS-HSS.2.Sti.C	0-1103275-1	
Unterteil für Buchsenkontakte *Bottom part for female contacts*		HVS-HSS.2.Bu.C		0-1103274-1

Passende Crimpkontakte siehe Seite 41, Passende Crimpwerkzeuge siehe Seite 41
Suitable Crimp contacts see page 41, Suitable Crimping tools see page 41

Maßbild mm
Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part

Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part

HVS-HSK-Modul/*HVS-HSK-Module*

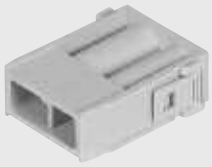
für HSK Crimp Kontakte

for HSK crimp contacts

Kontaktzahlen
No. of contacts

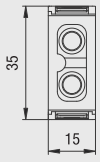
2

1000V/40A

Bezeichnung *Description*		**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** **Stifteinsatz** *Male insert*	**Buchseneinsatz** *Female insert*
Oberteil für Stiftkontakte *Top part for male contacts*		HVS-HSK.2.Sti.C	0-1103270-1	
Unterteil für Buchsenkontakte *Bottom part for female contacts*		HVS-HSK.2.Bu.C		0-1103271-1

Passende Crimpkontakte siehe Seite 39, Passende Crimpwerkzeuge siehe Seite 39
Suitable Crimp contacts see page 39, Suitable Crimping tools see page 39

Maßbild mm
Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part

Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part

HVS-HSK-Modul/*HVS-HSK-Module*

für HSK Crimp Kontakte

for HSK crimp contacts

Kontaktzahlen
No. of contacts

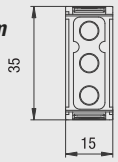
3

690V/40A

Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./** *Order No.* **Stifteinsatz** *Male insert*	**Buchseneinsatz** *Female insert*
Oberteil für Stiftkontakte *Top part for male contacts* 	HVS-HSK.3.Sti.C	0-1103272-1	
Unterteil für Buchsenkontakte *Bottom part for female contacts* 	HVS-HSK.3.Bu.C		0-1103273-1

Passende Crimpkontakte siehe Seite 39, Passende Crimpwerkzeuge siehe Seite 39
Suitable Crimp contacts see page 39, Suitable Crimping tools see page 39

Maßbild mm
Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part

Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part

HVS-HE 5-Modul/*HVS-HE 5-Module*

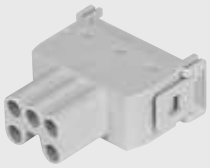
für HE Spring Clamp Kontakte

for HE spring clamp contacts

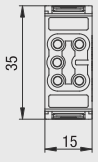
Kontaktzahlen
No. of contacts

5

400V/16A

Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./** *Order No.* **Stifteinsatz** *Male insert*	**Buchseneinsatz** *Female insert*
Oberteil für Stiftkontakte *Top part for male contacts* 	HVS-HE.5.Sti.SC	0-1103133-1	
Unterteil für Buchsenkontakte *Bottom part for female contacts* 	HVS-HE.5.Bu.SC		0-1103134-1

Maßbild mm
Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part

Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part

HVS-HE 6-Modul/*HVS-HE 6-Module*

für HE Crimp Kontakte

for HE crimp contacts

Kontaktzahlen
No. of contacts

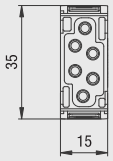
6

500V/16A

Bezeichnung *Description*		**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** **Stifteinsatz** *Male insert*	**Buchseneinsatz** *Female insert*
Oberteil für Stiftkontakte *Top part for male contacts*	Unterteil für Buchsenkontakte *Bottom part for female contacts*			
		HVS-HE.6.Sti.C	0-1103244-1	
		HVS-HE.6.Bu.C		0-1103245-1

Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

Maßbild mm
Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part

Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part

HVS-HE 8-Modul/*HVS-HE 8-Module*

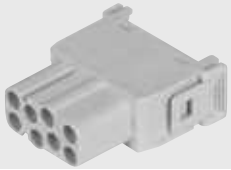
für HE Crimp Kontakte

for HE crimp contacts

Kontaktzahlen
No. of contacts

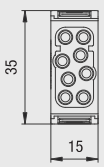
8

400V/16A

Bezeichnung *Description*		**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** **Stifteinsatz** *Male insert*	**Buchseneinsatz** *Female insert*
Oberteil für Stiftkontakte *Top part for male contacts*	Unterteil für Buchsenkontakte *Bottom part for female contacts*			
		HVS-HE.8.Sti.C	0-1103140-1	
		HVS-HE.8.Bu.C		0-1103141-1

Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

Maßbild mm
Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part

Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part

HVS-HE 20-Modul/*HVS-HE 20-Module*

für HE Crimp Kontakte

for HE crimp contacts

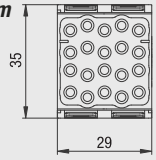
Kontaktzahlen
No. of contacts
20

500V/16A

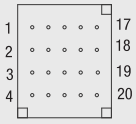
Bezeichnung *Description*		**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Oberteil für Stiftkontakte *Top part for male contacts*	Unterteil für Buchsenkontakte *Bottom part for female contacts*			
		HVS-HE.20.Sti.C	0-1103144-1	
		HVS-HE.20.Bu.C		0-1103145-1

Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

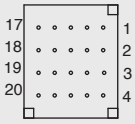
Maßbild mm
Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part



Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part



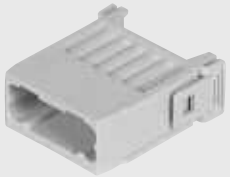
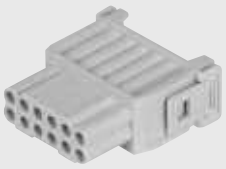
HVS-HN.D.12-Modul/*HVS-HN.D.12-Module*

für HN.D Crimp Kontakte

for HN.D crimp contacts

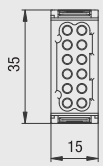
Kontaktzahlen
No. of contacts
12

250V/10A

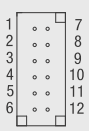
Bezeichnung *Description*		**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Oberteil für Stiftkontakte *Top part for male contacts*	Unterteil für Buchsenkontakte *Bottom part for female contacts*			
		HVS-HN.D.12.Sti.C	0-1103277-1	
		HVS-HN.D.12.Bu.C		0-1103276-1

Passende Crimpkontakte siehe Seite 34, Passende Crimpwerkzeuge siehe Seite 34
Suitable Crimp contacts see page 34, Suitable Crimping tools see page 34

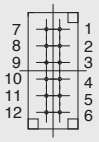
Maßbild mm
Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part



Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part



HVS-HN.D.17-Modul/*HVS-HN.D.17-Module*

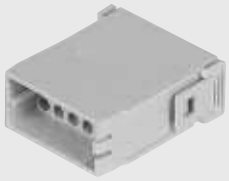
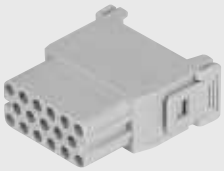
für HN.D Crimp Kontakte

for HN.D crimp contacts

Kontaktzahlen
No. of contacts

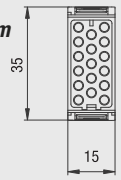
17

250V/10A

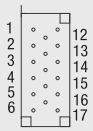
Bezeichnung *Description*		**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** **Stifteinsatz** *Male insert*	**Buchseneinsatz** *Female insert*
Oberteil für Stiftkontakte *Top part for male contacts*		HVS-HN.D.17.Sti.C	0-1103278-1	
Unterteil für Buchsenkontakte *Bottom part for female contacts*		HVS-HN.D.17.Bu.C		0-1103279-1

Passende Crimpkontakte siehe Seite 34, Passende Crimpwerkzeuge siehe Seite 34
Suitable Crimp contacts see page 34, Suitable Crimping tools see page 34

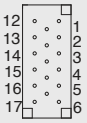
Maßbild mm
Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part



Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part



HVS-MM.17-Modul/*HVS-MM.17-Module*

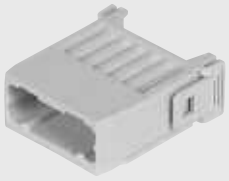
für HD Crimp Kontakte, POF Optische Kontakte

for HD crimp contacts, POF Fiber contacts

Kontaktzahlen
No. of contacts

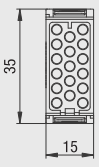
17

250V/10A

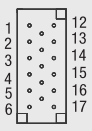
Bezeichnung *Description*		**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** **Stifteinsatz** *Male insert*	**Buchseneinsatz** *Female insert*
Oberteil für Stiftkontakte *Top part for male contacts*		HVS-MM.17.Sti.C	0-1103280-1	
Unterteil für Buchsenkontakte *Bottom part for female contacts*		HVS-MM.17.Bu.C		0-1103281-1

Passende Crimpkontakte siehe Seite 35 + 44, Passende Crimpwerkzeuge siehe Seite 35 + 44
Suitable Crimp contacts see page 35 + 44, Suitable Crimping tools see page 35 + 44

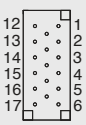
Maßbild mm
Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part



Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part



HVS-S20 DF-Modul/*HVS-S20 DF-Module*

für Sub D Crimp Kontakte

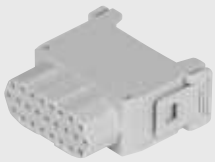
for Sub D crimp contacts

Kontaktzahlen
No. of contacts

25

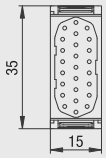
50V/5A

Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Oberteil für Stiftkontakte *Top part for male contacts*	HVS-S20DF.25.Sti.C	0-1103260-1	
Unterteil für Buchsenkontakte *Bottom part for female contacts*	HVS-S20DF.25.Bu.C		0-1103261-1

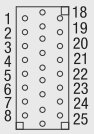


Passende Crimpkontakte siehe Seite 32, Passende Crimpwerkzeuge siehe Seite 32
Suitable Crimp contacts see page 32, Suitable Crimping tools see page 32

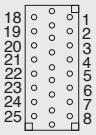
Maßbild mm
Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part



Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part



HVS-TX-Modul/*HVS-TX-Module*

für HN.D Crimp Kontakte

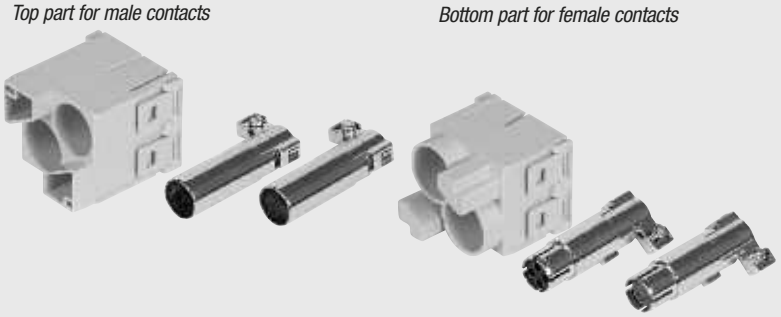
for HN.D crimp contacts

Kontaktzahlen
No. of contacts

2

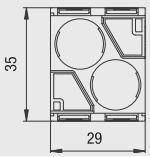
50V/10A, 50V/5A

Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Oberteil für Stiftkontakte *Top part for male contacts*	HVS-TX.2.Sti	0-1103267-1	
	HVS-TX.HN.D.4.Sti.C	0-1103283-1	
	HVS-TX.S20DF.8.Sti.C	0-1103291-1	
Unterteil für Buchsenkontakte *Bottom part for female contacts*	HVS-TX.2.Bu		0-1103269-1
	HVS-TX.HN.D.4.Bu.C		0-1103286-1
	HVS-TX.S20DF.8.Bu.C		0-1103297-1



Passende HN.D Crimpkontakte siehe Seite 34, passende S20DF Crimpkontakte siehe Seite 32, Passende Crimpwerkzeuge siehe Seite 32/34
Suitable HN.D Crimp contacts see page 34, suitable S20DF Crimp contacts see page 32, Suitable Crimping tools see page 32/34

Maßbild mm
Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part

Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part

HVS-MVB-Modul/*HVS-MVB-Module*

für HN.D Crimp Kontakte

for HN.D crimp contacts

Kontaktzahlen
No. of contacts

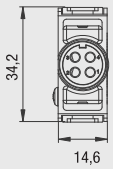
4/8

50V/10A, 50V/5A

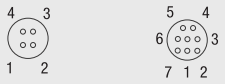
Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Oberteil für Stiftkontakte *Top part for male contacts*	HVS-MVB.HND.4.Sti.C	0-1103251-1	
	HVS-MVB.S20DF.8.Sti.C	0-1103258-1	
Unterteil für Buchsenkontakte *Bottom part for female contacts*	HVS-MVB.HND.4.Bu.C		0-1103253-1
	HVS-MVB.S20DF.8.Bu.C		0-1103259-1

Passende HN.D Crimpkontakte siehe Seite 34, passende S20DF Crimpkontakte siehe Seite 32, Passende Crimpwerkzeuge siehe Seite 32/34
Suitable HN.D Crimp contacts see page 34, suitable S20DF Crimp contacts see page 32, Suitable Crimping tools see page 32/34

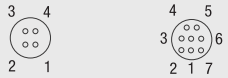
Maßbild mm
Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part



Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part



HVS-Air-Modul/*HVS-Air-Module*

für Air Kontakte

for Air contacts

Kontaktzahlen
No. of contacts

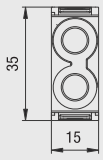
2

10 bar

Bezeichnung *Description*	**Bestelltext** *Designation*	**Bestell-Nr./*Order No.*** Stifteinsatz *Male insert*	Buchseneinsatz *Female insert*
Oberteil für Stiftkontakte *Top part for male contacts*	HVS-Air.2.Sti	0-1103246-1	
Unterteil für Buchsenkontakte *Bottom part for female contacts*	HVS-Air.2.Bu		0-1103247-1

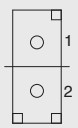
Passende Kontakte siehe Seite 200
Suitable Contacts see page 200

Maßbild mm
Dimensions mm

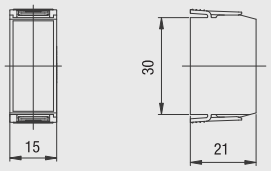


Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part

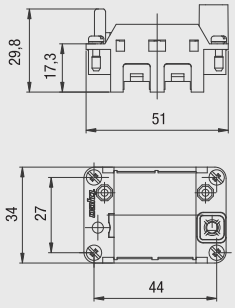
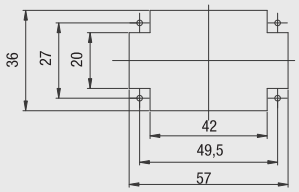
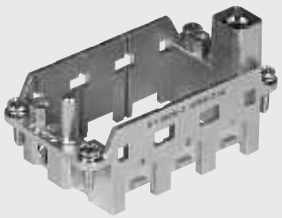
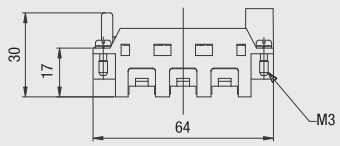
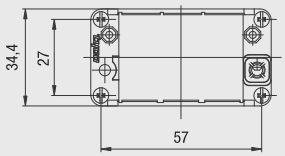
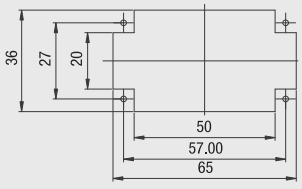
Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part



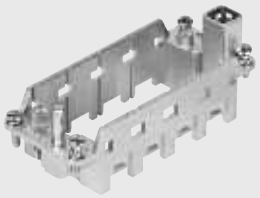
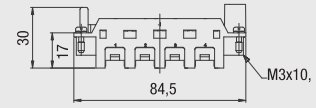
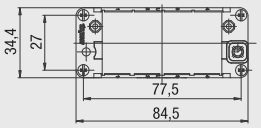
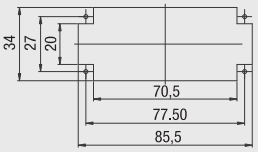
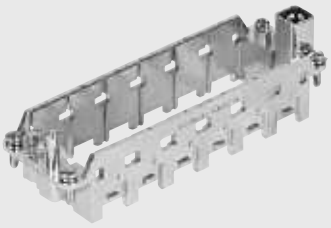
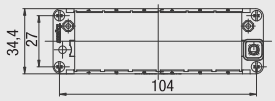
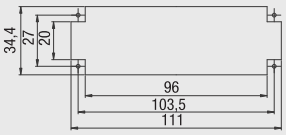
Blindmodul/*Blind-Module*

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.*
Blindmodul/*Blind module*		
 	HVS-Blindmodul	0-1103266-1

Modul Halterahmen/*Module Fixing Frame* Baugröße/*Size 3/4*

Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Oberteil *Top part*	Unterteil *Bottom part*
Halterahmen/*Fixing frame*			
 	HVS-R.O 1-2	0-1103250-7	
	HVS-R.U 1-2		0-1103250-8
Montageausschnitt/*Panel cut-out* 			
 	HVS-R.O 1-3	0-1103250-5	
	HVS-R.U 1-3		0-1103250-6
Montageausschnitt/*Panel cut-out* 			

Modul Halterahmen/*Module Fixing Frame* — Baugröße/*Size 6/8*

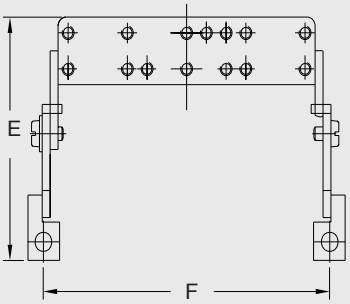
Bezeichnung *Description*	Bestelltext *Designation*	Bestell-Nr./*Order No.* Oberteil *Top part*	Unterteil *Bottom part*
Halterahmen/*Fixing frame*			
   Montageausschnitt/*Panel cut-out* 	HVS-R.O 1-4	0-1103250-3	
	HVS-R.U 1-4		0-1103250-4
   Montageausschnitt/*Panel cut-out* 	HVS-R.O 1-6	0-1103250-1	
	HVS-R.U 1-6		0-1103250-2
Kodierset für Modulrahmen Serie HVS mit 36 Kodiemöglichkeiten *Coding set for Module fixing frames Series HVS with 36 coding possibilities* 	Codeset HVS	530341-1	

Schirmkontaktbügel/*Screen termination*

zur nachträglichen Montage am Modulrahmen Serie MDL.2

or post-assembly on Module fixing frame series MDL.2

Schirmkontaktbügel, schwenkbar
Screen termination, rotatable



Bezeichnung *Description*	Maß/*Measure* mm E	F	**Bestelltext** ***Designation***	**Bestell-Nr.** ***Order No.***
Baugröße/*Size* 3	45,4	36	MDL.2-SBS.Bg3	2-1106310-9
Baugröße/*Size* 4	45,4	52	MDL.2-SBS.Bg4	2-1106311-9
Baugröße/*Size* 6	45,4	72,5	MDL.2-SBS.Bg6	2-1106312-9
Baugröße/*Size* 8	53,9	96	MDL.2-SBS.Bg8	2-1106313-9

Zubehör für Schirmkontaktbügel/Accessories for *screen termination*

Schellenset
Cable clamp

Erdungsband
Grounding terminal

Schrauben-Set
Screw set

Schellenset/*Cable clamp*	
4,5mm	1-1106302-9
5mm	2-1106302-9
6mm	3-1106302-9
7mm	4-1106302-9
8mm	5-1106302-9
9mm	6-1106302-9
10mm	7-1106302-9
Erdungband *Grounding terminal*	
Set 90mm	1-1106303-9
Set 120mm	2-1106303-9
Set 220mm	3-1106303-9
Schrauben-Set/*Screw set*	1-1106304-9

Sortiert nach Tyco-PN/*Sorted by Tyco PN*

Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite
0-0045740-2	43	0-1102897-2	82	0-1103170-2	51	0-1106407-2	54	0-1106431-3	90	0-1106451-8	116
0-0090364-2	44	0-1102898-1	82	0-1103171-1	51	0-1106408-1	53	0-1106431-4	96	0-1106451-9	124
0-0100281-1	44	0-1102898-2	82	0-1103171-2	51	0-1106408-2	53	0-1106431-5	87	0-1106452-1	116
0-0100281-2	44	0-1102899-1	73	0-1103172-1	52	0-1106408-3	53	0-1106431-7	90	0-1106452-2	120
0-0100606-2	44	0-1102918-1	67	0-1103172-2	52	0-1106409-1	65	0-1106431-7	92	0-1106452-3	118
0-0163083-7	35	0-1102918-2	67	0-1103173-1	52	0-1106410-1	65	0-1106431-8	96	0-1106452-4	115
0-0164160-4	35	0-1102919-1	67	0-1103173-2	52	0-1106410-2	64	0-1106432-1	94	0-1106452-5	120
0-0164161-4	35	0-1102919-2	67	0-1103174-1	52	0-1106411-1	63	0-1106432-2	89	0-1106452-6	118
0-0164161-9	35	0-1102920-1	116	0-1103174-2	52	0-1106411-2	63	0-1106432-3	94	0-1106452-7	116
0-0166824-2	35	0-1102921-1	44	0-1103176-1	184	0-1106411-6	63	0-1106432-4	89	0-1106452-8	120
0-0216341-1	44	0-1102978-2	177	0-1103176-2	184	0-1106412-1	65	0-1106433-1	91	0-1106452-9	118
0-0216342-1	44	0-1102983-1	150	0-1103244-1	206	0-1106413-1	65	0-1106433-2	94	0-1106453-1	126
0-0305183-8	43	0-1102985-1	200	0-1103245-1	206	0-1106413-2	64	0-1106433-3	93	0-1106454-1	125
0-0501198-1	44	0-1103014-1	200	0-1103246-1	210	0-1106414-1	63	0-1106433-4	88	0-1106454-2	125
0-0539744-2	35	0-1103015-1	195	0-1103247-1	210	0-1106414-2	63	0-1106433-5	91	0-1106455-1	131
0-0734423-1	44	0-1103015-2	195	0-1103250-1	138	0-1106415-2	80	0-1106433-6	94	0-1106455-2	130
0-1102075-1	113	0-1103016-1	196	0-1103250-1	212	0-1106415-3	80	0-1106433-7	93	0-1106456-1	130
0-1102076-1	113	0-1103016-2	196	0-1103250-2	171	0-1106416-3	79	0-1106433-8	88	0-1106456-2	131
0-1102077-1	137	0-1103017-1	196	0-1103250-2	212	0-1106416-4	79	0-1106434-1	87	0-1106456-3	130
0-1102081-1	182	0-1103017-2	196	0-1103250-3	114	0-1106417-1	76	0-1106434-2	92	0-1106456-4	131
0-1102082-1	182	0-1103018-1	195	0-1103250-3	212	0-1106417-2	76	0-1106434-3	90	0-1106459-1	130
0-1102192-1	176	0-1103018-2	195	0-1103250-4	171	0-1106418-1	75	0-1106434-4	87	0-1106459-2	131
0-1102192-2	176	0-1103019-1	194	0-1103250-4	212	0-1106418-2	74	0-1106434-5	92	0-1106459-3	130
0-1102194-1	46	0-1103019-2	194	0-1103250-5	86	0-1106418-3	75	0-1106434-6	90	0-1106459-4	131
0-1102195-1	46	0-1103020-1	199	0-1103250-5	211	0-1106418-4	74	0-1106434-7	87	0-1106460-2	151
0-1102677-1	137	0-1103020-2	199	0-1103250-6	159	0-1106418-5	78	0-1106434-8	92	0-1106461-3	150
0-1102789-1	39	0-1103021-1	198	0-1103250-6	211	0-1106418-6	78	0-1106434-9	90	0-1106461-4	150
0-1102790-1	39	0-1103021-2	198	0-1103250-7	72	0-1106419-1	73	0-1106435-1	99	0-1106461-8	150
0-1102792-1	150	0-1103022-1	198	0-1103250-7	201	0-1106419-2	73	0-1106436-1	98	0-1106462-2	150
0-1102836-1	176	0-1103022-2	198	0-1103250-7	211	0-1106419-3	73	0-1106436-2	98	0-1106463-1	147
0-1102836-2	176	0-1103023-1	198	0-1103250-8	159	0-1106419-4	73	0-1106436-3	98	0-1106463-2	141
0-1102837-1	176	0-1103023-2	198	0-1103250-8	201	0-1106419-5	77	0-1106436-4	98	0-1106463-3	147
0-1102837-2	176	0-1103024-1	194	0-1103250-8	211	0-1106419-6	77	0-1106436-5	98	0-1106464-1	143
0-1102838-1	176	0-1103024-2	194	0-1103251-1	210	0-1106420-1	73	0-1106436-6	98	0-1106464-2	146
0-1102838-2	176	0-1103025-1	200	0-1103258-1	210	0-1106420-2	77	0-1106437-1	105	0-1106464-3	146
0-1102839-1	176	0-1103025-2	200	0-1103260-1	209	0-1106420-3	77	0-1106438-1	105	0-1106464-4	141
0-1102839-3	176	0-1103028-1	189	0-1103261-1	209	0-1106421-1	76	0-1106438-2	104	0-1106464-5	143
0-1102839-4	176	0-1103028-2	189	0-1103266-1	211	0-1106421-2	76	0-1106439-1	103	0-1106464-6	146
0-1102840-1	176	0-1103070-1	55	0-1103267-1	209	0-1106422-1	75	0-1106439-2	103	0-1106464-7	146
0-1102840-2	176	0-1103071-1	55	0-1103269-1	209	0-1106422-2	75	0-1106440-1	105	0-1106464-8	141
0-1102840-3	176	0-1103072-1	57	0-1103270-1	204	0-1106422-3	75	0-1106441-1	105	0-1106465-1	140
0-1102840-4	176	0-1103072-2	57	0-1103271-1	204	0-1106422-4	75	0-1106441-2	104	0-1106465-2	145
0-1102855-1	35	0-1103073-1	56	0-1103272-1	205	0-1106422-5	78	0-1106442-1	103	0-1106465-3	142
0-1102855-1	44	0-1103073-2	56	0-1103273-1	205	0-1106423-1	74	0-1106442-2	103	0-1106465-4	139
0-1102855-2	34	0-1103073-3	56	0-1103274-1	204	0-1106423-2	73	0-1106443-1	126	0-1106465-5	144
0-1102855-3	38	0-1103073-4	56	0-1103275-1	204	0-1106423-3	74	0-1106444-1	125	0-1106465-6	142
0-1102855-4	40	0-1103074-1	59	0-1103276-1	207	0-1106423-4	73	0-1106444-2	125	0-1106465-7	140
0-1102855-5	41	0-1103074-2	59	0-1103277-1	207	0-1106423-5	77	0-1106445-2	126	0-1106465-8	145
0-1102855-6	34	0-1103074-3	59	0-1103278-1	208	0-1106424-1	80	0-1106446-3	125	0-1106466-7	148
0-1102855-6	35	0-1103074-4	59	0-1103279-1	208	0-1106424-2	80	0-1106446-4	125	0-1106466-8	148
0-1102855-6	37	0-1103074-5	59	0-1103280-1	208	0-1106425-1	79	0-1106447-1	122	0-1106467-1	140
0-1102855-6	38	0-1103074-6	59	0-1103281-1	208	0-1106425-2	79	0-1106447-2	117	0-1106467-4	139
0-1102855-6	39	0-1103076-1	196	0-1103283-1	209	0-1106425-3	79	0-1106447-4	117	0-1106467-5	144
0-1102855-6	40	0-1103076-2	196	0-1103286-1	209	0-1106425-4	79	0-1106448-1	119	0-1106467-7	140
0-1102855-6	44	0-1103091-1	55	0-1103291-1	209	0-1106425-6	79	0-1106448-2	122	0-1106468-1	147
0-1102855-7	37	0-1103092-1	58	0-1103297-1	209	0-1106426-2	99	0-1106448-3	121	0-1106468-2	141
0-1102855-8	39	0-1103092-2	58	0-1104700-1	113	0-1106427-3	98	0-1106448-4	116	0-1106469-1	143
0-1102856-1	--	0-1103092-3	58	0-1104701-1	113	0-1106427-4	98	0-1106448-5	119	0-1106469-2	146
0-1102858-1	--	0-1103092-4	58	0-1105354-1	200	0-1106428-1	94	0-1106448-6	122	0-1106469-3	146
0-1102860-1	--	0-1103092-5	58	0-1105355-1	200	0-1106428-2	89	0-1106448-7	121	0-1106469-4	141
0-1102862-1	--	0-1103092-6	58	0-1105355-2	200	0-1106428-4	89	0-1106448-9	116	0-1106469-5	143
0-1102874-1	50	0-1103092-7	58	0-1106062-6	192	0-1106429-1	91	0-1106449-1	115	0-1106469-6	146
0-1102877-1	153	0-1103092-8	58	0-1106062-7	192	0-1106429-2	94	0-1106449-2	120	0-1106469-7	146
0-1102877-2	153	0-1103092-9	58	0-1106258-3	185	0-1106429-3	93	0-1106449-3	118	0-1106469-8	141
0-1102879-1	154	0-1103095-1	55	0-1106258-4	185	0-1106429-4	88	0-1106449-4	115	0-1106469-9	97
0-1102879-2	154	0-1103096-1	55	0-1106259-3	185	0-1106429-5	91	0-1106449-5	120	0-1106470-1	140
0-1102886-1	133	0-1103108-1	101	0-1106259-4	185	0-1106429-6	94	0-1106449-6	118	0-1106470-2	145
0-1102886-1	170	0-1103108-1	128	0-1106401-2	54	0-1106429-7	93	0-1106449-7	115	0-1106470-3	142
0-1102886-2	170	0-1103109-1	101	0-1106401-3	54	0-1106429-8	88	0-1106449-8	120	0-1106470-4	139
0-1102886-4	133	0-1103109-1	128	0-1106401-4	54	0-1106429-9	97	0-1106449-9	118	0-1106470-5	144
0-1102887-1	133	0-1103133-1	205	0-1106402-2	53	0-1106430-1	87	0-1106450-1	122	0-1106470-6	142
0-1102887-1	170	0-1103134-1	205	0-1106402-3	53	0-1106430-2	92	0-1106450-2	117	0-1106470-7	140
0-1102887-2	170	0-1103140-1	206	0-1106403-1	50	0-1106430-3	90	0-1106450-3	122	0-1106470-8	145
0-1102887-4	133	0-1103141-1	206	0-1106404-1	50	0-1106430-4	87	0-1106450-4	117	0-1106470-9	142
0-1102892-1	48	0-1103144-1	207	0-1106404-3	50	0-1106430-5	92	0-1106451-1	119	0-1106471-9	148
0-1102893-1	48	0-1103145-1	207	0-1106405-1	49	0-1106430-6	90	0-1106451-2	122	0-1106472-1	151
0-1102895-1	107	0-1103155-1	56	0-1106405-2	46	0-1106430-7	87	0-1106451-3	121	0-1106472-2	151
0-1102895-3	107	0-1103155-2	56	0-1106405-3	49	0-1106430-8	92	0-1106451-4	116	0-1106473-1	150
0-1102896-1	107	0-1103169-1	51	0-1106406-1	49	0-1106430-9	90	0-1106451-5	119	0-1106473-2	150
0-1102896-3	107	0-1103169-2	51	0-1106406-3	49	0-1106431-1	87	0-1106451-6	122	0-1106473-3	150
0-1102897-1	82	0-1103170-1	51	0-1106407-1	54	0-1106431-2	92	0-1106451-7	121	0-1106473-4	150

Sortiert nach Tyco-PN/*Sorted by Tyco PN*

Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite
0-1106474-1	150	0-1108782-2	114	1-1102106-2	49	1-1102271-2	93	1-1102352-1	160	1-1102519-2	94
0-1106474-2	150	0-1108782-2	159	1-1102107-2	49	1-1102271-8	96	1-1102352-2	164	1-1102523-2	94
0-1106475-2	161	0-1108782-2	202	1-1102109-2	50	1-1102274-1	88	1-1102352-8	165	1-1102523-6	91
0-1106476-1	162	0-1108782-2	203	1-1102110-2	50	1-1102274-2	93	1-1102354-1	161	1-1102525-2	94
0-1106476-2	164	0-1108782-4	159	1-1102112-2	50	1-1102274-8	97	1-1102354-8	165	1-1102527-2	94
0-1106476-4	161	0-1108782-4	203	1-1102114-2	50	1-1102276-1	88	1-1102356-1	161	1-1102530-7	103
0-1106476-5	162	0-1108782-5	159	1-1102117-7	63	1-1102276-2	93	1-1102356-8	165	1-1102533-7	103
0-1106476-8	161	0-1108782-5	203	1-1102120-7	63	1-1102276-8	97	1-1102359-1	161	1-1102536-7	103
0-1106477-1	160	0-1108783-1	86	1-1102121-2	64	1-1102279-1	89	1-1102360-2	164	1-1102539-7	103
0-1106477-2	163	0-1108783-2	86	1-1102122-2	64	1-1102279-2	94	1-1102360-6	162	1-1102541-2	104
0-1106477-4	160	0-1108784-1	72	1-1102124-2	64	1-1102282-1	89	1-1102362-2	164	1-1102543-2	104
0-1106477-5	163	0-1108784-1	201	1-1102126-2	64	1-1102282-2	94	1-1102362-6	162	1-1102545-2	104
0-1106477-6	162	0-1108785-1	198	1-1102128-2	65	1-1102283-2	93	1-1102364-6	162	1-1102547-2	104
0-1106477-7	160	0-1108786-1	198	1-1102130-2	65	1-1102283-6	91	1-1102373-7	172	1-1102549-2	105
0-1106477-8	163	0-1108794-2	59	1-1102133-2	65	1-1102286-2	94	1-1102376-7	172	1-1102551-2	105
0-1106480-1	167	0-1108795-1	57	1-1102136-7	103	1-1102286-6	91	1-1102379-7	172	1-1102553-2	105
0-1106480-2	167	0-1108795-2	57	1-1102139-7	103	1-1102288-2	94	1-1102382-7	172	1-1102555-2	105
0-1106481-1	173	0-1108795-3	57	1-1102140-2	104	1-1102288-6	91	1-1102385-7	172	1-1102561-2	105
0-1106481-2	173	0-1108795-4	57	1-1102141-2	104	1-1102291-1	140	1-1102388-7	172	1-1102564-1	118
0-1106481-4	173	0-1108795-4	59	1-1102143-2	104	1-1102291-2	145	1-1102389-2	173	1-1102564-3	123
0-1106482-1	172	0-1108808-1	55	1-1102145-2	104	1-1102291-8	149	1-1102391-2	173	1-1102564-6	115
0-1106482-2	172	0-1108812-1	199	1-1102147-2	105	1-1102292-1	118	1-1102393-2	173	1-1102564-7	120
0-1106482-4	172	0-1108812-2	199	1-1102149-2	105	1-1102292-3	123	1-1102395-2	173	1-1102567-1	118
0-1106482-6	172	0-1108813-1	199	1-1102152-2	105	1-1102292-6	115	1-1102397-2	173	1-1102567-3	123
0-1106515-1	178	0-1110505-1	182	1-1102155-1	131	1-1102292-7	120	1-1102405-3	148	1-1102567-6	115
0-1106516-1	178	0-1110661-3	185	1-1102155-6	130	1-1102295-1	118	1-1102408-3	148	1-1102567-7	120
0-1107196-1	186	0-1110661-4	185	1-1102158-1	131	1-1102295-6	115	1-1102411-6	139	1-1102570-1	118
0-1107196-2	186	0-1110684-3	185	1-1102158-6	130	1-1102295-7	120	1-1102411-7	144	1-1102570-6	116
0-1107196-3	186	0-1110684-4	185	1-1102160-1	130	1-1102296-1	116	1-1102414-6	140	1-1102570-7	120
0-1107197-1	186	0-1110939-3	178	1-1102162-1	130	1-1102296-2	121	1-1102416-7	--	1-1102573-1	118
0-1107197-2	186	0-1110948-1	42	1-1102164-1	130	1-1102296-8	123	1-1102418-7	--	1-1102573-6	116
0-1107197-3	186	0-1110949-1	42	1-1102165-1	131	1-1102299-1	116	1-1102419-2	--	1-1102573-7	120
0-1107198-1	187	0-1110950-2	175	1-1102167-1	131	1-1102299-2	121	1-1102420-2	--	1-1102575-1	116
0-1107198-2	187	0-1110950-4	175	1-1102169-1	131	1-1102299-8	124	1-1102422-2	--	1-1102575-2	121
0-1107199-1	187	0-1110951-2	175	1-1102172-7	153	1-1102301-1	116	1-1102424-2	--	1-1102577-1	116
0-1107199-2	187	0-1110951-4	175	1-1102175-7	153	1-1102301-2	121	1-1102427-7	63	1-1102577-2	121
0-1107200-1	187	0-1110952-1	42	1-1102176-2	153	1-1102301-8	124	1-1102430-7	63	1-1102579-1	116
0-1107200-2	187	0-1110952-2	42	1-1102177-2	153	1-1102304-1	117	1-1102433-7	63	1-1102579-2	121
0-1107201-1	187	0-1110952-3	42	1-1102179-2	154	1-1102304-2	122	1-1102436-7	63	1-1102581-1	116
0-1107201-2	187	0-1110952-5	42	1-1102181-2	154	1-1102305-2	121	1-1102438-2	64	1-1102581-2	121
0-1107202-1	186	0-1110952-7	42	1-1102183-2	154	1-1102305-6	119	1-1102440-2	64	1-1102584-1	117
0-1107202-2	186	0-1110952-9	42	1-1102185-2	154	1-1102308-2	122	1-1102442-2	64	1-1102584-2	122
0-1107203-1	186	0-1110953-5	42	1-1102205-3	77	1-1102308-6	119	1-1102444-2	64	1-1102587-1	117
0-1107203-2	186	0-1110953-6	42	1-1102205-7	73	1-1102310-2	122	1-1102446-2	65	1-1102587-2	122
0-1107204-1	187	0-1110953-7	42	1-1102211-1	90	1-1102310-6	119	1-1102448-2	65	1-1102589-2	122
0-1107204-2	187	0-1110953-8	42	1-1102211-3	96	1-1102316-1	142	1-1102450-2	65	1-1102589-6	119
0-1107204-3	187	0-1110953-9	42	1-1102211-6	87	1-1102316-3	148	1-1102452-2	65	1-1102591-2	122
0-1107204-4	187	0-1110955-1	175	1-1102211-7	92	1-1102316-6	139	1-1102455-2	65	1-1102591-6	119
0-1107205-1	187	0-1110955-2	175	1-1102214-6	87	1-1102316-7	144	1-1102458-2	65	1-1102593-2	122
0-1107205-2	187	0-1110955-3	175	1-1102220-3	123	1-1102319-1	142	1-1102461-3	77	1-1102593-6	119
0-1107205-3	187	0-1110955-4	175	1-1102220-6	115	1-1102319-3	148	1-1102461-7	73	1-1102595-2	122
0-1108533-1	151	0-1110956-1	42	1-1102229-3	148	1-1102319-6	139	1-1102467-7	74	1-1102595-6	119
0-1108534-1	125	0-1110956-2	42	1-1102232-3	148	1-1102319-7	144	1-1102472-2	75	1-1102600-5	53
0-1108573-5	73	0-1110956-3	42	1-1102233-3	174	1-1102325-1	142	1-1102472-8	78	1-1102601-5	54
0-1108600-1	43	0-1110956-4	42	1-1102234-3	174	1-1102325-6	140	1-1102474-2	75	1-1102602-5	53
0-1108601-1	43	0-1110956-5	42	1-1102235-3	174	1-1102325-7	145	1-1102474-8	78	1-1102603-5	53
0-1108616-1	43	0-1110956-6	42	1-1102236-3	174	1-1102328-1	142	1-1102480-2	75	1-1102604-5	80
0-1108617-1	43	0-1110956-7	42	1-1102237-8	174	1-1102328-6	140	1-1102482-2	75	1-1102605-5	80
0-1108628-1	43	0-1110957-1	200	1-1102240-3	77	1-1102328-7	145	1-1102489-2	76	1-1102606-5	79
0-1108629-1	43	0-1110960-1	175	1-1102240-7	73	1-1102331-1	141	1-1102496-1	90	1-1102610-5	99
0-1108713-1	79	0-1110960-2	175	1-1102243-7	73	1-1102331-2	146	1-1102496-3	96	1-1102611-5	99
0-1108723-1	178	0-1110960-3	175	1-1102244-2	74	1-1102331-8	149	1-1102496-6	87	1-1102612-5	99
0-1108741-3	--	0-1110984-4	59	1-1102244-8	77	1-1102333-1	141	1-1102496-7	92	1-1102616-5	126
0-1108761-1	111	0-1747363-1	197	1-1102246-2	74	1-1102333-2	146	1-1102499-1	90	1-1102617-5	126
0-1108762-1	111	0-1747364-1	197	1-1102249-2	74	1-1102333-8	149	1-1102499-3	96	1-1102618-5	125
0-1108780-1	138	0-1747365-1	197	1-1102249-8	78	1-1102336-1	141	1-1102499-6	87	1-1102622-5	150
0-1108780-1	171	0-1747366-1	197	1-1102251-2	74	1-1102336-2	147	1-1102502-6	87	1-1102623-5	150
0-1108780-1	202	1-1102002-7	167	1-1102251-8	78	1-1102339-1	141	1-1102502-7	92	1-1102624-5	151
0-1108780-1	203	1-1102005-7	167	1-1102253-2	75	1-1102339-2	147	1-1102505-1	90	1-1102625-5	151
0-1108780-2	138	1-1102008-7	167	1-1102255-2	75	1-1102340-2	145	1-1102505-6	87	1-1102626-5	151
0-1108780-2	171	1-1102009-2	167	1-1102258-2	76	1-1102340-6	143	1-1102505-7	92	1-1102631-5	79
0-1108780-2	202	1-1102011-2	167	1-1102261-1	90	1-1102343-2	146	1-1102507-1	88	1-1102635-5	79
0-1108780-2	203	1-1102013-2	167	1-1102261-3	96	1-1102343-6	143	1-1102507-2	93	1-1102638-5	79
0-1108780-6	171	1-1102015-2	167	1-1102261-6	87	1-1102345-2	146	1-1102509-1	88	1-1102640-5	98
0-1108780-6	203	1-1102017-2	167	1-1102261-7	92	1-1102345-6	143	1-1102509-2	93	1-1102642-5	98
0-1108780-7	171	1-1102027-7	167	1-1102264-6	87	1-1102348-1	162	1-1102511-1	88	1-1102644-5	98
0-1108780-7	203	1-1102030-7	167	1-1102267-1	90	1-1102348-3	165	1-1102511-2	93	1-1102646-5	98
0-1108782-1	114	1-1102033-7	167	1-1102267-6	87	1-1102348-6	160	1-1102511-8	97	1-1102647-5	98
0-1108782-1	159	1-1102101-7	49	1-1102267-7	92	1-1102348-7	163	1-1102513-1	88	1-1102649-5	125
0-1108782-1	202	1-1102103-7	49	1-1102270-6	87	1-1102351-6	160	1-1102513-2	93	1-1102651-5	125
0-1108782-1	203	1-1102105-2	49	1-1102271-1	88	1-1102351-7	163	1-1102513-8	97	1-1102653-5	125

Sortiert nach Tyco-PN/*Sorted by Tyco PN*

Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite
1-1102655-5	125	1-1103417-8	166	1-1106301-9	182	175194-2	33	2-1102301-8	124	2-1102564-6	115
1-1102656-5	125	1-1103417-9	166	1-1106302-9	183	175195-2	33	2-1102304-1	117	2-1102564-7	120
1-1102658-5	150	1-1103634-1	66	1-1106302-9	213	175196-2	33	2-1102305-2	121	2-1102567-1	118
1-1102660-5	150	1-1103635-1	66	1-1106303-9	183	175216-2	33	2-1102305-6	119	2-1102567-3	123
1-1102662-5	150	1-1103636-1	81	1-1106303-9	213	175217-2	33	2-1102308-2	122	2-1102567-6	115
1-1102664-5	150	1-1103637-1	81	1-1106304-9	183	175218-2	33	2-1102308-6	119	2-1102567-7	120
1-1102665-5	151	1-1103638-1	106	1-1106304-9	213	175284-2	33	2-1102310-2	122	2-1102570-1	118
1-1102765-0	115	1-1103638-1	155	1-1106305-9	181	175285-2	33	2-1102310-6	119	2-1102570-6	116
1-1102766-0	115	1-1103638-9	155	1-1106306-9	181	175286-2	33	2-1102316-3	148	2-1102570-7	120
1-1102770-6	190	1-1103639-1	106	1-1106307-9	181	175287-2	33	2-1102316-6	139	2-1102573-6	116
1-1102771-6	190	1-1103639-1	155	1-1106308-9	181	175288-2	33	2-1102316-7	144	2-1102575-1	116
1-1102772-6	188	1-1103639-9	155	1-1106309-9	181	175289-2	33	2-1102319-1	142	2-1102575-2	121
1-1102773-6	191	1-1103640-1	132	1-1106427-0	98	2-1102101-7	49	2-1102319-6	139	2-1102577-1	116
1-1102975-9	177	1-1103640-1	168	1-1106430-0	87	2-1102105-2	49	2-1102319-7	144	2-1102579-1	116
1-1102978-9	177	1-1103640-9	168	1-1106430-2	90	2-1102107-2	49	2-1102325-6	140	2-1102587-1	117
1-1103092-0	58	1-1103641-1	132	1-1106430-4	96	2-1102121-2	64	2-1102328-6	140	2-1102589-2	122
1-1103092-1	58	1-1103641-1	168	1-1106430-6	96	2-1102205-3	77	2-1102328-7	145	2-1102589-6	119
1-1103092-2	58	1-1103641-9	168	1-1106434-1	92	2-1102205-7	73	2-1102331-1	141	2-1102591-2	122
1-1103092-3	58	1-1104204-1	113	1-1106434-3	96	2-1102211-1	90	2-1102331-2	146	2-1102591-6	119
1-1103092-4	58	1-1104204-1	156	1-1106434-4	97	2-1102211-3	96	2-1102331-8	149	2-1102593-2	122
1-1103336-1	142	1-1104205-1	113	1-1106434-5	90	2-1102211-6	87	2-1102333-1	141	2-1102595-2	122
1-1103336-3	148	1-1104205-1	156	1-1106448-0	124	2-1102211-7	92	2-1102336-1	141	2-1102600-5	53
1-1103336-6	139	1-1104206-1	156	1-1106448-1	124	2-1102214-6	87	2-1102340-2	145	2-1102601-5	54
1-1103336-7	144	1-1104207-1	156	1-1106449-0	115	2-1102220-3	123	2-1102340-6	143	2-1102602-5	53
1-1103338-1	142	1-1105000-2	35	1-1106449-1	120	2-1102232-3	148	2-1102343-2	146	2-1102603-5	53
1-1103338-3	148	1-1105000-3	35	1-1106449-2	118	2-1102233-3	174	2-1102343-6	143	2-1102604-5	80
1-1103338-6	139	1-1105001-3	35	1-1106449-4	123	2-1102234-3	174	2-1102348-3	165	2-1102605-5	80
1-1103338-7	144	1-1105050-1	34	1-1106449-8	115	2-1102235-3	174	2-1102348-6	160	2-1102606-5	79
1-1103341-1	142	1-1105051-1	34	1-1106451-0	124	2-1102236-3	174	2-1102348-7	163	2-1102611-5	99
1-1103341-6	140	1-1105051-2	34	1-1106452-0	115	2-1102237-8	174	2-1102351-6	160	2-1102612-5	99
1-1103341-7	145	1-1105100-1	37	1-1106452-1	120	2-1102240-3	77	2-1102351-7	163	2-1102617-5	126
1-1103344-1	142	1-1105100-2	37	1-1106452-2	118	2-1102240-7	73	2-1102352-1	160	2-1102618-5	125
1-1103344-6	140	1-1105101-1	37	1-1106452-4	123	2-1102243-7	73	2-1102352-2	164	2-1102622-5	150
1-1103344-7	145	1-1105101-2	37	1-1106452-6	123	2-1102244-2	74	2-1102352-8	165	2-1102623-5	150
1-1103346-1	141	1-1105250-1	40	1-1106452-7	115	2-1102244-8	77	2-1102354-1	161	2-1102625-5	151
1-1103346-2	146	1-1105251-1	40	1-1106464-0	149	2-1102246-2	74	2-1102356-1	161	2-1102626-5	151
1-1103346-8	149	1-1105300-1	38	1-1106465-0	142	2-1102249-2	74	2-1102360-2	164	2-1102628-5	151
1-1103348-1	141	1-1105300-2	38	1-1106465-1	139	2-1102249-8	78	2-1102360-6	162	2-1102631-5	79
1-1103348-2	146	1-1105301-1	38	1-1106465-2	144	2-1102251-2	74	2-1102376-7	172	2-1102633-5	79
1-1103350-1	141	1-1105301-2	38	1-1106465-3	142	2-1102251-8	78	2-1102385-7	172	2-1102635-5	79
1-1103350-2	146	1-1105350-1	43	1-1106465-5	148	2-1102253-2	75	2-1102389-2	173	2-1102637-5	79
1-1103350-8	149	1-1105351-1	43	1-1106465-9	148	2-1102255-2	75	2-1102395-2	173	2-1102638-5	79
1-1103352-1	141	1-1105652-8	41	1-1106467-0	139	2-1102258-2	76	2-1102397-2	173	2-1102642-5	98
1-1103352-2	146	1-1105653-8	41	1-1106467-1	144	2-1102259-7	92	2-1102408-3	148	2-1102644-5	98
1-1103352-8	149	1-1105653-8	42	1-1106469-0	149	2-1102261-1	90	2-1102411-6	139	2-1102647-5	98
1-1103355-1	141	1-1105752-8	43	1-1106469-1	78	2-1102261-3	96	2-1102411-7	144	2-1102651-5	125
1-1103355-2	147	1-1105850-8	34	1-1106469-2	149	2-1102261-6	87	2-1102414-6	140	2-1102655-5	125
1-1103358-1	141	1-1105850-8	35	1-1106470-0	139	2-1102261-7	92	2-1102461-3	77	2-1102656-5	125
1-1103358-2	147	1-1105850-8	37	1-1106470-1	144	2-1102264-6	87	2-1102461-7	73	2-1102660-5	150
1-1103360-2	146	1-1105850-8	38	1-1106470-2	142	2-1102267-1	90	2-1102467-7	74	2-1102664-5	150
1-1103360-6	143	1-1105850-8	39	1-1106470-6	148	2-1102267-6	87	2-1102472-2	75	2-1102665-5	151
1-1103362-2	146	1-1105850-8	40	1-1106470-8	148	2-1102267-7	92	2-1102472-8	78	2-1102765-0	115
1-1103362-6	143	1-1105850-8	41	1-1106470-9	139	2-1102270-6	87	2-1102474-2	75	2-1102766-0	115
1-1103364-2	146	1-1105851-8	34	1-1106477-0	160	2-1102271-1	88	2-1102474-8	78	2-1102770-0	190
1-1103364-6	143	1-1105851-8	37	1-1106477-1	163	2-1102271-2	93	2-1102480-2	75	2-1102770-5	190
1-1103366-2	146	1-1105851-8	38	1-1106477-2	162	2-1102271-8	96	2-1102482-2	75	2-1102771-0	190
1-1103366-6	143	1-1105852-8	34	1-1106477-4	165	2-1102274-1	88	2-1102489-2	76	2-1102771-5	190
1-1103400-1	45	1-1105852-8	37	1-1106477-6	165	2-1102274-2	93	2-1102496-1	90	2-1102772-0	188
1-1103401-1	45	1-1105852-8	38	1-1107001-2	173	2-1102274-8	97	2-1102496-3	96	2-1102772-5	188
1-1103402-1	45	1-1105870-8	40	1-1107003-2	173	2-1102276-1	88	2-1102496-6	87	2-1102773-0	191
1-1103403-1	45	1-1106001-9	189	1-1107005-2	173	2-1102276-8	97	2-1102496-7	92	2-1102773-5	191
1-1103414-1	60	1-1106004-9	189	1-1107007-2	173	2-1102279-1	89	2-1102499-1	90	2-1103000-3	48
1-1103415-1	60	1-1106005-7	190	1-1108756-1	39	2-1102283-2	93	2-1102499-3	96	2-1103001-3	48
1-1103416-1	100	1-1106006-9	190	1-1108757-1	39	2-1102283-6	91	2-1102499-6	87	2-1103002-3	48
1-1103416-1	127	1-1106007-4	188	1-1108759-2	50	2-1102286-2	94	2-1102502-1	90	2-1103003-3	48
1-1103416-1	152	1-1106007-9	188	1-1110952-0	42	2-1102286-6	91	2-1102502-6	87	2-1103004-3	62
1-1103416-1	166	1-1106050-1	193	1-1110953-1	42	2-1102288-2	94	2-1102505-1	90	2-1103005-3	62
1-1103416-7	127	1-1106052-1	193	1-163087-1	35	2-1102291-1	140	2-1102505-6	87	2-1103006-3	69
1-1103416-7	152	1-1106053-1	193	1318105-1	33	2-1102291-2	145	2-1102505-7	92	2-1103007-3	69
1-1103416-7	166	1-1106053-2	193	1318106-1	33	2-1102291-8	149	2-1102507-1	88	2-1103008-3	84
1-1103416-8	152	1-1106055-2	191	1318107-1	33	2-1102292-3	123	2-1102509-1	88	2-1103009-3	84
1-1103416-8	166	1-1106056-3	191	1318108-1	33	2-1102292-6	115	2-1102511-1	88	2-1103010-3	102
1-1103416-9	166	1-1106057-4	191	1318109-1	33	2-1102292-7	120	2-1102511-8	97	2-1103010-3	129
1-1103417-1	100	1-1106058-5	192	1318110-1	33	2-1102295-6	115	2-1102513-8	97	2-1103011-3	102
1-1103417-1	127	1-1106062-7	192	1318111-1	33	2-1102295-7	120	2-1102519-2	94	2-1103011-3	129
1-1103417-1	152	1-1106066-8	192	1318112-1	33	2-1102296-1	116	2-1102521-2	94	2-1103012-3	110
1-1103417-1	166	1-1106100-1	180	1-66504-0	32	2-1102296-2	121	2-1102525-2	94	2-1103012-3	158
1-1103417-7	127	1-1106101-1	180	1-66505-0	32	2-1102296-8	123	2-1102527-2	94	2-1103013-3	110
1-1103417-7	152	1-1106102-1	180	1-66506-0	32	2-1102299-1	116	2-1102527-6	91	2-1103013-3	158
1-1103417-7	166	1-1106107-1	179	1-66507-0	32	2-1102299-8	124	2-1102564-1	118	2-1103032-3	136
1-1103417-8	152	1-1106109-1	179	169424-1	32	2-1102301-1	116	2-1102564-3	123	2-1103032-3	170

Sortiert nach Tyco-PN/*Sorted by Tyco PN*

Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite
2-1103033-3	136	2-1103637-3	81	3-1102770-2	190	4-1102759-5	150	5-1105653-8	42	7-1103417-1	152
2-1103033-3	170	2-1103638-3	106	3-1102771-2	190	4-1102760-5	151	5-1106001-9	189	7-1103417-1	166
2-1103100-3	47	2-1103638-3	155	3-1102772-2	188	4-1102770-0	190	5-1106004-9	189	7-1103417-7	127
2-1103101-3	47	2-1103638-9	155	3-1102773-2	191	4-1102771-0	190	5-1106005-7	190	7-1103417-7	152
2-1103102-3	47	2-1103639-3	106	3-1105000-2	35	4-1102772-0	188	5-1106006-9	190	7-1103417-7	166
2-1103103-3	47	2-1103639-3	155	3-1105050-2	34	4-1102773-0	191	5-1106050-1	193	7-1103417-8	152
2-1103104-3	47	2-1103639-9	155	3-1105051-1	34	4-1105000-3	35	5-1106051-1	193	7-1103417-8	166
2-1103105-3	47	2-1103640-3	132	3-1105051-2	34	4-1105001-3	35	5-1106053-1	193	7-1103634-1	66
2-1103106-3	61	2-1103640-3	168	3-1105100-1	37	4-1105050-2	34	5-1106053-2	193	7-1103635-1	66
2-1103107-3	61	2-1103640-9	168	3-1105100-2	37	4-1105051-1	34	5-1106055-2	191	7-1103636-1	81
2-1103108-3	101	2-1103641-3	132	3-1105101-1	37	4-1105051-2	34	5-1106056-3	191	7-1103637-1	81
2-1103108-3	128	2-1103641-3	168	3-1105101-2	37	4-1105100-1	37	5-1106057-4	191	7-1103638-1	106
2-1103109-3	101	2-1103641-9	168	3-1105150-1	41	4-1105100-2	37	5-1106058-5	192	7-1103638-1	155
2-1103109-3	128	2-1104000-3	68	3-1105150-2	41	4-1105101-1	37	5-1106062-6	192	7-1103638-9	155
2-1103110-3	109	2-1104002-3	68	3-1105151-1	41	4-1105101-2	37	5-1106207-7	184	7-1103639-1	106
2-1103110-3	157	2-1104004-3	83	3-1105151-2	41	4-1105150-1	41	5-1106213-6	184	7-1103639-1	155
2-1103111-3	109	2-1104006-3	83	3-1105250-1	40	4-1105150-2	41	5-1106302-9	183	7-1103639-9	155
2-1103111-3	157	2-1104008-3	108	3-1105251-1	40	4-1105151-1	41	5-1106302-9	213	7-1103640-1	132
2-1103112-3	135	2-1104010-3	108	3-1105300-1	38	4-1105151-2	41	5-1108756-1	39	7-1103640-1	168
2-1103112-3	169	2-1104012-3	134	3-1105300-2	38	4-1105250-1	40	5-1108757-1	39	7-1103640-9	168
2-1103113-3	135	2-1104014-3	134	3-1105301-1	38	4-1105251-1	40	523168-5	34	7-1103641-1	132
2-1103113-3	169	2-1104016-3	134	3-1105301-2	38	4-1105300-1	38	523168-5	38	7-1103641-1	168
2-1103200-3	70	2-1104018-3	134	3-1105653-8	41	4-1105300-2	38	523168-6	37	7-1103641-9	168
2-1103202-3	70	2-1104200-3	137	3-1105653-8	42	4-1105301-1	38	523168-7	39	7-1105653-8	42
2-1103204-3	85	2-1104202-3	137	3-1106001-9	189	4-1105301-2	38	530341-1	212	7-1106001-9	189
2-1103206-3	85	2-1105000-3	35	3-1106004-9	189	4-1105653-8	41	5-569550-4	199	7-1106004-9	189
2-1103208-3	109	2-1105001-3	35	3-1106005-7	190	4-1105653-8	42	601967-1	34	7-1106005-7	190
2-1103208-3	157	2-1105050-2	34	3-1106006-9	190	4-1106001-9	189	601967-1	37	7-1106006-9	190
2-1103209-3	157	2-1105051-1	34	3-1106050-1	193	4-1106004-9	189	601967-1	38	7-1106050-1	193
2-1103212-3	109	2-1105051-2	34	3-1106051-1	193	4-1106005-7	190	601967-1	39	7-1106052-1	193
2-1103212-3	157	2-1105100-1	37	3-1106053-1	193	4-1106006-9	190	6-1105100-1	37	7-1106053-1	193
2-1103213-3	157	2-1105100-2	37	3-1106055-2	191	4-1106050-1	193	6-1105101-1	37	7-1106053-2	193
2-1103216-3	135	2-1105101-1	37	3-1106056-3	191	4-1106051-1	193	6-1105250-1	40	7-1106055-2	191
2-1103216-3	169	2-1105101-2	37	3-1106057-4	191	4-1106052-1	193	6-1105251-1	40	7-1106056-3	191
2-1103217-3	169	2-1105250-1	40	3-1106058-5	192	4-1106053-1	193	6-1105300-1	38	7-1106057-4	191
2-1103220-3	135	2-1105251-1	40	3-1106062-6	192	4-1106055-2	191	6-1105300-2	38	7-1106058-5	192
2-1103220-3	169	2-1105300-1	38	3-1106066-8	192	4-1106056-3	191	6-1105301-1	38	7-1106302-9	183
2-1103221-3	169	2-1105300-2	38	3-1106200-5	54	4-1106057-4	191	6-1105301-2	38	7-1106302-9	213
2-1103336-6	139	2-1105301-1	38	3-1106201-5	80	4-1106058-5	192	6-1105653-8	42	726363-1	32
2-1103338-1	142	2-1105301-2	38	3-1106201-5	185	4-1106062-6	192	6-1106001-9	189	734285-1	36
2-1103338-3	148	2-1105350-1	43	3-1106202-5	99	4-1106066-8	192	6-1106004-9	189	734285-2	36
2-1103338-6	139	2-1105351-1	43	3-1106202-5	185	4-1106200-5	54	6-1106005-7	190	734285-3	36
2-1103338-7	144	2-1105652-8	41	3-1106203-5	126	4-1106201-5	80	6-1106006-9	190	8-1105653-8	42
2-1103341-6	140	2-1105653-8	41	3-1106203-5	185	4-1106201-5	185	6-1106050-1	193	8-1106058-5	192
2-1103344-1	142	2-1105653-8	42	3-1106204-5	151	4-1106202-5	99	6-1106052-1	193	8-1106062-6	192
2-1103344-6	140	2-1105870-8	40	3-1106204-5	185	4-1106202-5	185	6-1106053-1	193	8-1108772-0	95
2-1103344-7	145	2-1106001-9	189	3-1106214-0	184	4-1106203-5	126	6-1106055-2	191	8-1108772-2	95
2-1103346-1	141	2-1106004-9	189	3-1106216-0	184	4-1106203-5	185	6-1106056-3	191	8-1108772-4	95
2-1103348-1	141	2-1106005-7	190	3-1106302-9	183	4-1106204-5	151	6-1106057-4	191	8-1108772-5	95
2-1103350-1	141	2-1106006-9	190	3-1106302-9	213	4-1106204-5	185	6-1106062-6	192	8-1108772-8	95
2-1103350-2	146	2-1106007-3	188	3-1106303-9	183	4-1106302-9	183	6-1106066-8	192	872070-1	36
2-1103350-8	149	2-1106050-1	193	3-1106303-9	213	4-1106302-9	213	6-1106302-9	183	9-1106062-6	192
2-1103352-1	141	2-1106053-1	193	3-1106470-0	140	4-1108756-1	39	6-1106302-9	213	91285-1	32
2-1103352-8	149	2-1106053-2	193	3-1106470-5	144	4-1108757-1	39	66504-3	32	91558-1	33
2-1103364-2	146	2-1106055-2	191	3-1108756-1	39	5-1102610-5	99	66504-4	32	91559-1	33
2-1103364-6	143	2-1106056-3	191	3-1108757-1	39	5-1102616-5	126	66504-9	32	91560-1	33
2-1103414-3	60	2-1106057-4	191	4-1102700-5	53	5-1102624-5	151	66505-3	32	91565-1	33
2-1103415-3	60	2-1106058-5	192	4-1102701-5	54	5-1102708-5	80	66505-4	32	91576-1	33
2-1103416-3	100	2-1106062-6	192	4-1102702-5	53	5-1102709-5	80	66505-9	32	91595-1	33
2-1103416-3	127	2-1106066-8	192	4-1102703-5	53	5-1102716-5	99	66506-3	32	91596-1	33
2-1103416-3	152	2-1106206-7	184	4-1102704-5	79	5-1102770-0	190	66506-4	32	917484-2	33
2-1103416-3	166	2-1106208-7	184	4-1102706-5	79	5-1102771-0	190	66506-9	32	917485-2	33
2-1103416-7	127	2-1106214-0	184	4-1102710-5	79	5-1102772-0	188	66507-3	32	917511-2	33
2-1103416-7	152	2-1106214-1	184	4-1102712-5	79	5-1102773-0	191	66507-4	32	929962-1	36
2-1103416-7	166	2-1106216-0	184	4-1102714-5	98	5-1105050-2	34	66507-9	32	929963-1	36
2-1103416-8	152	2-1106216-1	184	4-1102715-5	98	5-1105051-1	34	69675-1	43	929964-1	36
2-1103416-8	166	2-1106302-9	183	4-1102717-5	99	5-1105051-2	34	69710-1	43	929965-1	36
2-1103416-9	166	2-1106302-9	213	4-1102718-5	98	5-1105100-1	37	7-1103414-1	60	929969-1	36
2-1103417-3	100	2-1106303-9	183	4-1102720-5	99	5-1105100-2	37	7-1103415-1	60	929970-1	36
2-1103417-3	127	2-1106303-9	213	4-1102723-5	125	5-1105101-1	37	7-1103416-1	100	929971-1	36
2-1103417-3	152	2-1106310-9	213	4-1102725-5	125	5-1105101-2	37	7-1103416-1	127	929972-1	36
2-1103417-3	166	2-1106311-9	213	4-1102726-5	126	5-1105150-1	41	7-1103416-1	152	962966-1	36
2-1103417-7	127	2-1106312-9	213	4-1102727-5	126	5-1105150-2	41	7-1103416-1	166	962967-1	36
2-1103417-7	152	2-1106313-9	213	4-1102728-5	125	5-1105151-1	41	7-1103416-7	127	962968-1	36
2-1103417-7	166	2-1106449-1	123	4-1102730-5	125	5-1105151-2	41	7-1103416-7	152	962969-1	36
2-1103417-8	152	2-1106449-2	123	4-1102732-5	150	5-1105250-1	40	7-1103416-7	166	962976-1	36
2-1103417-8	166	2-1106449-4	123	4-1102733-5	150	5-1105251-1	40	7-1103416-8	152	962977-1	36
2-1103417-9	166	2-1107005-2	173	4-1102734-5	151	5-1105300-1	38	7-1103416-8	166	962978-1	36
2-1103634-3	66	2-1107007-2	173	4-1102735-5	151	5-1105300-2	38	7-1103416-9	166	962979-1	36
2-1103635-3	66	2-1108756-1	39	4-1102736-5	151	5-1105301-1	38	7-1103417-1	100		
2-1103636-3	81	2-1108757-1	39	4-1102755-5	150	5-1105301-2	38	7-1103417-1	127		

Sortiert nach Bezeichnung/*Sorted by description*

Sortiert nach Bezeichnung/*Sorted by description*

Bestelltext	Best-Nr.	Seite
HA.16.Bu.C.B1-16	2-1103417-3	127
HA.16.Bu.C.B1-16	2-1103417-3	152
HA.16.Bu.C.B1-16	2-1103417-3	166
HA.16.Bu.C.B17-32	2-1103417-7	127
HA.16.Bu.C.B17-32	2-1103417-7	152
HA.16.Bu.C.B17-32	2-1103417-7	166
HA.16.Bu.C.B33-48	2-1103417-8	152
HA.16.Bu.C.B33-48	2-1103417-8	166
HA.16.Bu.C.B49-64	2-1103417-9	166
HA.16.Bu.S.B1-16	1-1103417-1	100
HA.16.Bu.S.B1-16	1-1103417-1	127
HA.16.Bu.S.B1-16	1-1103417-1	152
HA.16.Bu.S.B1-16	1-1103417-1	166
HA.16.Bu.S.B17-32	1-1103417-7	127
HA.16.Bu.S.B17-32	1-1103417-7	152
HA.16.Bu.S.B17-32	1-1103417-7	166
HA.16.Bu.S.B33-48	1-1103417-8	152
HA.16.Bu.S.B33-48	1-1103417-8	166
HA.16.Bu.S.B49-64	1-1103417-9	166
HA.16.Bu.SC.B1-16	7-1103417-1	100
HA.16.Bu.SC.B1-16	7-1103417-1	127
HA.16.Bu.SC.B1-16	7-1103417-1	152
HA.16.Bu.SC.B1-16	7-1103417-1	166
HA.16.Bu.SC.B17-32	7-1103417-7	127
HA.16.Bu.SC.B17-32	7-1103417-7	152
HA.16.Bu.SC.B17-32	7-1103417-7	166
HA.16.Bu.SC.B33-48	7-1103417-8	152
HA.16.Bu.SC.B33-48	7-1103417-8	166
HA.16.KDO-LB.1.16.G	1-1102152-2	105
HA.16.KDO-LB.1.M20.G	0-1106437-1	105
HA.16.SGD-LB.1.16.Z	1-1102147-2	105
HA.16.SGD-LB.2.16.Z	1-1102149-2	105
HA.16.SGD-LB.2.M20.Z	0-1106438-1	105
HA.16.SG-LB.1.16.Z	1-1102143-2	104
HA.16.SG-LB.2.16.Z	1-1102145-2	104
HA.16.SG-LB.2.M20.Z	0-1106438-2	104
HA.16.SKB	2-1106208-7	184
HA.16.Sti.C.B1-16	2-1103416-3	100
HA.16.Sti.C.B1-16	2-1103416-3	127
HA.16.Sti.C.B1-16	2-1103416-3	152
HA.16.Sti.C.B1-16	2-1103416-3	166
HA.16.Sti.C.B17-32	2-1103416-7	127
HA.16.Sti.C.B17-32	2-1103416-7	152
HA.16.Sti.C.B17-32	2-1103416-7	166
HA.16.Sti.C.B33-48	2-1103416-8	152
HA.16.Sti.C.B33-48	2-1103416-8	166
HA.16.Sti.C.B49-64	2-1103416-9	166
HA.16.Sti.S.B1-16	1-1103416-1	100
HA.16.Sti.S.B1-16	1-1103416-1	127
HA.16.Sti.S.B1-16	1-1103416-1	152
HA.16.Sti.S.B1-16	1-1103416-1	166
HA.16.Sti.S.B17-32	1-1103416-7	127
HA.16.Sti.S.B17-32	1-1103416-7	152
HA.16.Sti.S.B17-32	1-1103416-7	166
HA.16.Sti.S.B33-48	1-1103416-8	152
HA.16.Sti.S.B33-48	1-1103416-8	166
HA.16.Sti.S.B49-64	1-1103416-9	166
HA.16.Sti.SC.B1-16	7-1103416-1	100
HA.16.Sti.SC.B1-16	7-1103416-1	127
HA.16.Sti.SC.B1-16	7-1103416-1	152
HA.16.Sti.SC.B1-16	7-1103416-1	166
HA.16.Sti.SC.B17-32	7-1103416-7	127
HA.16.Sti.SC.B17-32	7-1103416-7	152
HA.16.Sti.SC.B17-32	7-1103416-7	166
HA.16.Sti.SC.B33-48	7-1103416-8	152
HA.16.Sti.SC.B33-48	7-1103416-8	166
HA.16.Sti.SC.B49-64	7-1103416-9	166
HA.16.STO.1.16.G	1-1102139-7	103
HA.16.STO.1.M20.G	0-1106439-1	103
HA.16.STS.1.16.G	1-1102136-7	103
HA.16.STS.1.M20.G	0-1106439-2	103
HA.3.AGD-LB	1-1102106-2	49
HA.3.AG-LB	1-1102105-2	49
HA.3.AGW-LB	1-1102107-2	49
HA.3.Bu.S	1-1103401-1	45
HA.3.EG-LB/A.1.16.Z	1-1102114-2	50
HA.3.EG-LB/A.1.M20.Z	0-1102874-1	50
HA.3.KDOD-LB.1.11.Z	1-1108759-2	50
HA.3.KDO-LB.1.11.Z	1-1102112-2	50
HA.3.KDO-LB.1.M16.Z	0-1106403-1	50
HA.3.SG-LB.1.11.G	1-1102110-2	50
HA.3.SG-LB.1.11.Z	1-1102109-2	50
HA.3.SG-LB.1.M16.G	0-1106404-1	50
HA.3.SG-LB.1.M20.G	0-1106404-3	50
HA.3.Sti.S	1-1103400-1	45
HA.3.STO.1.11.Z	1-1102101-7	49
HA.3.STO.1.M16.Z	0-1106405-1	49
HA.3.STO.1.M20.Z	0-1106405-3	49
HA.3.STW.1.11.Z	1-1102103-7	49
HA.3.STW.1.M16.Z	0-1106406-1	49
HA.3.STW.1.M20.Z	0-1106406-3	49
HA.32.AGD	1-1102165-1	131
HA.32.AG-VS	1-1102160-1	130
HA.32.SGD.1.21.Z	1-1102167-1	131
HA.32.SGD.2.21.Z	1-1102169-1	131
HA.32.SGD.2.M25.Z	0-1106455-1	131
HA.32.SG-VS.1.21.Z	1-1102162-1	130
HA.32.SG-VS.2.21.Z	1-1102164-1	130
HA.32.SG-VS.2.M25.Z	0-1106455-2	130
HA.32.STO.1.21.G	1-1102158-6	130
HA.32.STO.1.M32.G	0-1106456-1	130
HA.32.STO-VS.1.21.G	1-1102158-1	131
HA.32.STO-VS.1.M32.G	0-1106456-2	131
HA.32.STS.1.21.G	1-1102155-6	130
HA.32.STS.1.M25.G	0-1106456-3	130
HA.32.STS-VS.1.21.G	1-1102155-1	131
HA.32.STS-VS.1.M25.G	0-1106456-4	131
HA.4.Bu.S	1-1103403-1	45
HA.4.Sti.S	1-1103402-1	45
HA.48.AGD-LB	1-1102177-2	153
HA.48.AG-LB	1-1102176-2	153
HA.48.SGD-LB.1.29.Z	1-1102183-2	154
HA.48.SGD-LB.1.M32.Z	0-1102879-1	154
HA.48.SGD-LB.2.29.Z	1-1102185-2	154
HA.48.SGD-LB.2.M32.Z	0-1102879-2	154
HA.48.SG-LB.1.29.Z	1-1102179-2	154
HA.48.SG-LB.2.29.Z	1-1102181-2	154
HA.48.STO-GR.1.29.G	1-1102175-7	153
HA.48.STO-GR.1.M32.G	0-1102877-2	153
HA.48.STS-GR.1.29.G	1-1102172-7	153
HA.48.STS-GR.1.M32.G	0-1102877-1	153
HA.64.AGD-LB	1-1102009-2	167
HA.64.SGD-LB.1.29.Z	1-1102011-2	167
HA.64.SGD-LB.1.36.Z	1-1102015-2	167
HA.64.SGD-LB.2.29.Z	1-1102013-2	167
HA.64.SGD-LB.2.36.Z	1-1102017-2	167
HA.64.STO-GR.1.29.G	1-1102027-7	167
HA.64.STO-GR.1.36.G	1-1102030-7	167
HA.64.STO-GR.1.42.G	1-1102033-7	167
HA.64.STO-GR.1.M50.G	0-1106480-1	167
HA.64.STS-GR.1.29.G	1-1102002-7	167
HA.64.STS-GR.1.36.G	1-1102005-7	167
HA.64.STS-GR.1.42.G	1-1102008-7	167
HA.64.STS-GR.1.M50.G	0-1106480-2	167
HA-K.10.AG-LB	2-1102121-2	64
HA-K.3.AG-LB	2-1102105-2	49
HA-K.3.AGW-LB	2-1102107-2	49
HA-K.3.STO.1.11.Z	2-1102101-7	49
HA-K.3.STO.1.M16.Z	0-1106405-2	46
Handtool 2,5 mm Contact	734285-1	36
Handtool 2,5 mm Contact	734285-2	36
Handtool 2,5 mm Contact	734285-3	36
HB.10.AGD	1-1102283-6	91
HB.10.AGD-LB	1-1102283-2	93
HB.10.AG-LB	1-1102271-2	93
HB.10.AG-VS	1-1102271-1	88
HB.10.KDO-LB.1.16.G	1-1102279-2	94
HB.10.KDO-LB.1.21.G	1-1102282-2	94
HB.10.KDO-LB.1.M25.G	0-1106428-1	94
HB.10.KDO-VS.1.16.G	1-1102279-1	89
HB.10.KDO-VS.1.21.G	1-1102282-1	89
HB.10.KDO-VS.1.M25.G	0-1106428-2	89
HB.10.SGD.1.16.Z	1-1102286-6	91
HB.10.SGD.2.16.Z	1-1102288-6	91
HB.10.SGD.2.M25.Z	0-1106429-1	91
HB.10.SGD-LB.1.16.Z	1-1102286-2	94
HB.10.SGD-LB.2.16.Z	1-1102288-2	94
HB.10.SGD-LB.2.M25.Z	0-1106429-2	94
HB.10.SG-LB.1.16.Z	1-1102274-2	93
HB.10.SG-LB.2.16.Z	1-1102276-2	93
HB.10.SG-LB.2.M25.Z	0-1106429-3	93
HB.10.SG-VS.1.16.Z	1-1102274-1	88
HB.10.SG-VS.2.16.Z	1-1102276-1	88
HB.10.SG-VS.2.M25.Z	0-1106429-4	88
HB.10.SKP	5-1106213-6	184
HB.10.STO.1.16.G	1-1102267-6	87
HB.10.STO.1.21.G	1-1102270-6	87
HB.10.STO.1.M25.G	0-1106430-1	87
HB.10.STO-GR.1.16.G	1-1102267-7	92
HB.10.STO-GR.1.M25.G	0-1106430-2	92
HB.10.STO-VS.1.16.G	1-1102267-1	90
HB.10.STO-VS.1.M25.G	0-1106430-3	90
HB.10.STS.1.16.G	1-1102261-6	87
HB.10.STS.1.21.G	1-1102264-6	87
HB.10.STS.1.M25.G	0-1106430-4	87
HB.10.STS-GR.1.16.G	1-1102261-7	92
HB.10.STS-GR.1.M25.G	0-1106430-5	92
HB.10.STS-VS.1.16.G	1-1102261-1	90
HB.10.STS-VS.1.M25.G	0-1106430-6	90
HB.10.STW.1.16	0-1108713-1	79
HB.16.AGD	1-1102305-6	119
HB.16.AGD-LB	1-1102305-2	121
HB.16.AG-LB	1-1102296-2	121
HB.16.AG-VS	1-1102296-1	116
HB.16.KDO-LB.1.21.G	1-1102304-2	122
HB.16.KDO-LB.1.M32.G	0-1106447-1	122
HB.16.KDO-VS.1.21.G	1-1102304-1	117
HB.16.KDO-VS.1.M32.G	0-1106447-2	117
HB.16.SGD.1.21.Z	1-1102308-6	119
HB.16.SGD.2.21.Z	1-1102310-6	119
HB.16.SGD.2.M25.Z	0-1106448-1	119
HB.16.SGD-LB.1.21.Z	1-1102308-2	122
HB.16.SGD-LB.2.21.Z	1-1102310-2	122
HB.16.SGD-LB.2.M25.Z	0-1106448-2	122
HB.16.SG-LB.1.21.Z	1-1102299-2	121
HB.16.SG-LB.2.21.Z	1-1102301-2	121
HB.16.SG-LB.2.M25.Z	0-1106448-3	121
HB.16.SG-VS.1.21.Z	1-1102299-1	116
HB.16.SG-VS.2.21.Z	1-1102301-1	116
HB.16.SG-VS.2.M25.Z	0-1106448-4	116
HB.16.SKP-LB	3-1106214-0	184
HB.16.SKP-VS	2-1106214-0	184
HB.16.SKP-VS+D	2-1106214-1	184
HB.16.STO.1.21.G	1-1102295-6	115
HB.16.STO.1.M32.G	0-1106449-1	115
HB.16.STO-GR.1.21.G	1-1102295-7	120
HB.16.STO-GR.1.M32.G	0-1106449-2	120
HB.16.STO-VS.1.21.G	1-1102295-1	118
HB.16.STO-VS.1.M32.G	0-1106449-3	118
HB.16.STS.1.21.G	1-1102292-6	115
HB.16.STS.1.M32.G	0-1106449-4	115
HB.16.STS-GR.1.21.G	1-1102292-7	120
HB.16.STS-GR.1.M32.G	0-1106449-5	120
HB.16.STS-VS.1.21.G	1-1102292-1	118
HB.16.STS-VS.1.M32.G	0-1106449-6	118
HB.24.AGD	1-1102340-6	143
HB.24.AGD-LB	1-1102340-2	145
HB.24.AG-LB	1-1102291-2	145
HB.24.AG-VS	1-1102291-1	140
HB.24.KDO-LB.1.21.G	1-1102336-2	147
HB.24.KDO-LB.1.29.G	1-1102339-2	147
HB.24.KDO-LB.1.M32.G	0-1106463-1	147
HB.24.KDO-VS.1.21.G	1-1102336-1	141
HB.24.KDO-VS.1.29.G	1-1102339-1	141
HB.24.KDO-VS.1.M32.G	0-1106463-2	141
HB.24.SGD.1.21.Z	1-1102343-6	143
HB.24.SGD.2.21.Z	1-1102345-6	143
HB.24.SGD.2.M25.Z	0-1106464-1	143
HB.24.SGD-LB.1.21.Z	1-1102343-2	146
HB.24.SGD-LB.2.21.Z	1-1102345-2	146
HB.24.SGD-LB.2.M25.Z	0-1106464-2	146
HB.24.SG-LB.1.21.Z	1-1102331-2	146
HB.24.SG-LB.2.21.Z	1-1102333-2	146
HB.24.SG-LB.2.M25.Z	0-1106464-3	146
HB.24.SG-VS.1.21.Z	1-1102331-1	141
HB.24.SG-VS.2.21.Z	1-1102333-1	141
HB.24.SG-VS.2.M25.Z	0-1106464-4	141
HB.24.SKP-LB	3-1106216-0	184
HB.24.SKP-VS	2-1106216-0	184
HB.24.SKP-VS+D	2-1106216-1	184
HB.24.STO.1.21.G	1-1102325-6	140
HB.24.STO.1.29.G	1-1102328-6	140
HB.24.STO.1.M32.G	0-1106465-1	140

Sortiert nach Bezeichnung/*Sorted by description*

Bestelltext	Best-Nr.	Seite
HB.24.STO-GR.1.21.G	1-1102325-7	145
HB.24.STO-GR.1.29.G	1-1102328-7	145
HB.24.STO-GR.1.M32.G	0-1106465-2	145
HB.24.STO-VS.1.21.G	1-1102325-1	142
HB.24.STO-VS.1.29.G	1-1102328-1	142
HB.24.STO-VS.1.M32.G	0-1106465-3	142
HB.24.STS.1.21.G	1-1102316-6	139
HB.24.STS.1.29.G	1-1102319-6	139
HB.24.STS.1.M32.G	0-1106465-4	139
HB.24.STS-GR.1.21.G	1-1102316-7	144
HB.24.STS-GR.1.29.G	1-1102319-7	144
HB.24.STS-GR.1.M32.G	0-1106465-5	144
HB.24.STS-VS.1.21.G	1-1102316-1	142
HB.24.STS-VS.1.29.G	1-1102319-1	142
HB.24.STS-VS.1.M32.G	0-1106465-6	142
HB.32.AGD	1-1102360-6	162
HB.32.AGD-LB	1-1102360-2	164
HB.32.AG-LB	1-1102352-2	164
HB.32.AG-VS	1-1102352-1	160
HB.32.KDO-VS.1.29.G	1-1102359-1	161
HB.32.KDO-VS.1.M40.G	0-1106475-2	161
HB.32.SGD.1.29.Z	1-1102362-6	162
HB.32.SGD.2.29.Z	1-1102364-6	162
HB.32.SGD.2.M32.Z	0-1106476-1	162
HB.32.SGD-LB.1.29.Z	1-1102362-2	164
HB.32.SGD-LB.2.M32.Z	0-1106476-2	164
HB.32.SG-VS.1.29.Z	1-1102354-1	161
HB.32.SG-VS.2.29.Z	1-1102356-1	161
HB.32.SG-VS.2.M32.Z	0-1106476-4	161
HB.32.STO.1.29.G	1-1102351-6	160
HB.32.STO.1.M40.G	0-1106477-1	160
HB.32.STO-GR.1.29.G	1-1102351-7	163
HB.32.STO-GR.1.M40.G	0-1106477-2	163
HB.32.STS.1.29.G	1-1102348-6	160
HB.32.STS.1.M40.G	0-1106477-4	160
HB.32.STS-GR.1.29.G	1-1102348-7	163
HB.32.STS-GR.1.M40.G	0-1106477-5	163
HB.32.STS-VS.1.29.G	1-1102348-1	162
HB.32.STS-VS.1.M40.G	0-1106477-6	162
HB.48.AGD-LB	1-1102389-2	173
HB.48.SGD-LB.1.29.Z	1-1107001-2	173
HB.48.SGD-LB.1.36.Z	1-1107005-2	173
HB.48.SGD-LB.2.29.Z	1-1107003-2	173
HB.48.SGD-LB.2.36.Z	1-1107007-2	173
HB.48.SGD-LB.2.M40.Z	0-1106481-1	173
HB.48.SG-LB.1.29.Z	1-1102391-2	173
HB.48.SG-LB.1.36.Z	1-1102395-2	173
HB.48.SG-LB.2.29.Z	1-1102393-2	173
HB.48.SG-LB.2.36.Z	1-1102397-2	173
HB.48.SG-LB.2.M40.Z	0-1106481-2	173
HB.48.STO-GR.1.29.G	1-1102382-7	172
HB.48.STO-GR.1.36.G	1-1102385-7	172
HB.48.STO-GR.1.42.G	1-1102388-7	172
HB.48.STO-GR.1.M50.G	0-1106482-1	172
HB.48.STS-GR.1.29.G	1-1102373-7	172
HB.48.STS-GR.1.36.G	1-1102376-7	172
HB.48.STS-GR.1.42.G	1-1102379-7	172
HB.48.STS-GR.1.M50.G	0-1106482-2	172
HB.6.AGD-LB	1-1102246-2	74
HB.6.AG-LB	1-1102244-2	74
HB.6.KDO-LB.1.16.G	1-1102258-2	76
HB.6.KDO-LB.1.M25.G	0-1106417-1	76
HB.6.SGD-LB.1.16.Z	1-1102253-2	75
HB.6.SGD-LB.2.16.Z	1-1102255-2	75
HB.6.SGD-LB.2.M25.Z	0-1106418-1	75
HB.6.SG-LB.1.16.Z	1-1102249-2	74
HB.6.SG-LB.2.16.Z	1-1102251-2	74
HB.6.SG-LB.2.M25.Z	0-1106418-2	74
HB.6.SKP	5-1106207-7	184
HB.6.STO.1.16.G	1-1102243-7	73
HB.6.STO.1.M25.G	0-1106419-1	73
HB.6.STS.1.16.G	1-1102240-7	73
HB.6.STS.1.M25.G	0-1106419-2	73
HB-K.10.AGD	2-1102283-6	91
HB-K.10.AGD-LB	2-1102283-2	93
HB-K.10.AG-LB	2-1102271-2	93
HB-K.10.AG-VS	2-1102271-1	88
HB-K.10.KDO-VS.1.16.G	2-1102279-1	89
HB-K.10.KDO-VS.1.M25.G	0-1106428-4	89
HB-K.10.SGD.1.16.Z	2-1102286-6	91
HB-K.10.SGD.2.M25.Z	0-1106429-5	91
HB-K.10.SGD-LB.1.16.Z	2-1102286-2	94
HB-K.10.SGD-LB.2.16.Z	2-1102288-2	94
HB-K.10.SGD-LB.2.M25.Z	0-1106429-6	94
HB-K.10.SG-LB.1.16.Z	2-1102274-2	93
HB-K.10.SG-LB.2.M25.Z	0-1106429-7	93
HB-K.10.SG-VS.1.16.Z	2-1102274-1	88
HB-K.10.SG-VS.2.16.Z	2-1102276-1	88
HB-K.10.SG-VS.2.M25.Z	0-1106429-8	88
HB-K.10.STO.1.16.G	2-1102267-6	87
HB-K.10.STO.1.21.G	2-1102270-6	87
HB-K.10.STO.1.M25.G	0-1106430-7	87
HB-K.10.STO-GR.1.16.G	2-1102267-7	92
HB-K.10.STO-GR.1.M25.G	0-1106430-8	92
HB-K.10.STO-VS.1.16.G	2-1102267-1	90
HB-K.10.STO-VS.1.M25.G	0-1106430-9	90
HB-K.10.STS.1.16.G	2-1102261-6	87
HB-K.10.STS.1.21.G	2-1102264-6	87
HB-K.10.STS.1.M25.G	1-1106430-0	87
HB-K.10.STS-GR.1.16	2-1102259-7	92
HB-K.10.STS-GR.1.16.G	2-1102261-7	92
HB-K.10.STS-VS.1.16.G	2-1102261-1	90
HB-K.10.STS-VS.1.M25.G	1-1106430-2	90
HB-K.16.AGD	2-1102305-6	119
HB-K.16.AGD-LB	2-1102305-2	121
HB-K.16.AG-LB	2-1102296-2	121
HB-K.16.AG-VS	2-1102296-1	116
HB-K.16.KDO-VS.1.21.G	2-1102304-1	117
HB-K.16.KDO-VS.1.M32.G	0-1106447-4	117
HB-K.16.SGD.1.21.Z	2-1102308-6	119
HB-K.16.SGD.2.21.Z	2-1102310-6	119
HB-K.16.SGD.2.M25.Z	0-1106448-5	119
HB-K.16.SGD-LB.1.21.Z	2-1102308-2	122
HB-K.16.SGD-LB.2.21.Z	2-1102310-2	122
HB-K.16.SGD-LB.2.M25.Z	0-1106448-6	122
HB-K.16.SG-LB.2.M25.Z	0-1106448-7	121
HB-K.16.SG-VS.1.21.Z	2-1102299-1	116
HB-K.16.SG-VS.2.21.Z	2-1102301-1	116
HB-K.16.SG-VS.2.M25.Z	0-1106448-9	116
HB-K.16.STO.1.21.G	2-1102295-6	115
HB-K.16.STO.1.M32.G	0-1106449-7	115
HB-K.16.STO-GR.1.21.G	2-1102295-7	120
HB-K.16.STO-GR.1.M32.G	0-1106449-8	120
HB-K.16.STO-VS.1.M32.G	0-1106449-9	118
HB-K.16.STS.1.21.G	2-1102292-6	115
HB-K.16.STS.1.M32.G	1-1106449-0	115
HB-K.16.STS-GR.1.21.G	2-1102292-7	120
HB-K.16.STS-GR.1.M32.G	1-1106449-1	120
HB-K.16.STS-VS.1.M32.G	1-1106449-2	118
HB-K.24.AGD	2-1102340-6	143
HB-K.24.AGD-LB	2-1102340-2	145
HB-K.24.AG-LB	2-1102291-2	145
HB-K.24.AG-VS	2-1102291-1	140
HB-K.24.KDO-LB.1.M32.G	0-1106463-3	147
HB-K.24.KDO-VS.1.21.G	2-1102336-1	141
HB-K.24.SGD.1.21.Z	2-1102343-6	143
HB-K.24.SGD.2.M25.G	0-1106464-5	143
HB-K.24.SGD-LB.1.21.Z	2-1102343-2	146
HB-K.24.SGD-LB.2.M25.Z	0-1106464-6	146
HB-K.24.SG-LB.1.21.Z	2-1102331-2	146
HB-K.24.SG-LB.2.M25.Z	0-1106464-7	146
HB-K.24.SG-VS.1.21.Z	2-1102331-1	141
HB-K.24.SG-VS.2.21.Z	2-1102333-1	141
HB-K.24.SG-VS.2.M25.Z	0-1106464-8	141
HB-K.24.STO.1.21.G	2-1102325-6	140
HB-K.24.STO.1.29.G	2-1102328-6	140
HB-K.24.STO.1.M32.G	0-1106465-7	140
HB-K.24.STO-GR.1.29.G	2-1102328-7	145
HB-K.24.STO-GR.1.M32.G	0-1106465-8	145
HB-K.24.STO-VS.1.M32.G	1-1106465-0	142
HB-K.24.STS.1.21.G	2-1102316-6	139
HB-K.24.STS.1.29.G	2-1102319-6	139
HB-K.24.STS.1.M32.G	1-1106465-1	139
HB-K.24.STS-GR.1.21.G	2-1102316-7	144
HB-K.24.STS-GR.1.29.G	2-1102319-7	144
HB-K.24.STS-GR.1.M32.G	1-1106465-2	144
HB-K.24.STS-VS.1.29.G	2-1102319-1	142
HB-K.24.STS-VS.1.M32.G	1-1106465-3	142
HB-K.32.AGD	2-1102360-6	162
HB-K.32.AGD-LB	2-1102360-2	164
HB-K.32.AG-LB	2-1102352-2	164
HB-K.32.AG-VS	2-1102352-1	160
HB-K.32.SGD.2.M32.Z	0-1106476-5	162
HB-K.32.SG-VS.1.29.Z	2-1102354-1	161
HB-K.32.SG-VS.2.29.Z	2-1102356-1	161
HB-K.32.SG-VS.2.M32.Z	0-1106476-8	161
HB-K.32.STO.1.29.G	2-1102351-6	160
HB-K.32.STO.1.M40.G	0-1106477-7	160
HB-K.32.STO-GR.1.29.G	2-1102351-7	163
HB-K.32.STO-GR.1.M40.G	0-1106477-8	163
HB-K.32.STS.1.29.G	2-1102348-6	160
HB-K.32.STS.1.M40.G	1-1106477-0	160
HB-K.32.STS-GR.1.29.G	2-1102348-7	163
HB-K.32.STS-GR.1.M40.G	1-1106477-1	163
HB-K.32.STS-VS.1.M40.G	1-1106477-2	162
HB-K.48.AGD-LB	2-1102389-2	173
HB-K.48.SGD-LB.1.36.Z	2-1107005-2	173
HB-K.48.SGD-LB.2.36.Z	2-1107007-2	173
HB-K.48.SG-LB.1.36.Z	2-1102395-2	173
HB-K.48.SG-LB.2.36.Z	2-1102397-2	173
HB-K.48.SG-LB.2.M40.Z	0-1106481-4	173
HB-K.48.STO-GR.1.36.G	2-1102385-7	172
HB-K.48.STO-GR.1.M50.G	0-1106482-6	172
HB-K.48.STS-GR.1.36.G	2-1102376-7	172
HB-K.48.STS-GR.1.M50.G	0-1106482-4	172
HB-K.6.AGD-LB	2-1102246-2	74
HB-K.6.AG-LB	2-1102244-2	74
HB-K.6.KDO-LB.1.16.G	2-1102258-2	76
HB-K.6.KDO-LB.1.M25.G	0-1106417-2	76
HB-K.6.SGD-LB.1.16.Z	2-1102253-2	75
HB-K.6.SGD-LB.2.16.Z	2-1102255-2	75
HB-K.6.SGD-LB.2.M25.Z	0-1106418-3	75
HB-K.6.SG-LB.1.16.Z	2-1102249-2	74
HB-K.6.SG-LB.2.16.Z	2-1102251-2	74
HB-K.6.SG-LB.2.M25.Z	0-1106418-4	74
HB-K.6.STO.1.16.G	2-1102243-7	73
HB-K.6.STO.1.M25.G	0-1106419-3	73
HB-K.6.STS.1.13.G	0-1108573-5	73
HB-K.6.STS.1.16.G	2-1102240-7	73
HB-K.6.STS.1.M25.G	0-1106419-4	73
HB-K/Z.10.AG-ZVGR	2-1102271-8	96
HB-K/Z.10.SG-ZVGR.1.16.Z	2-1102274-8	97
HB-K/Z.10.SG-ZVGR.2.16.Z	2-1102276-8	97
HB-K/Z.10.SG-ZVGR.2.M25.Z	0-1106429-9	97
HB-K/Z.10.STS-ZB.1.16.G	2-1102261-3	96
HB-K/Z.10.STS-ZB.1.M25.G	1-1106430-4	96
HB-K/Z.16.AG-ZVGR	2-1102296-8	123
HB-K/Z.16.SG-ZVGR.1.21.Z	2-1102299-8	124
HB-K/Z.16.SG-ZVGR.2.21.Z	2-1102301-8	124
HB-K/Z.16.SG-ZVGR.2.M25.Z	1-1106448-0	124
HB-K/Z.16.STS-ZB.1.21.G	2-1102292-3	123
HB-K/Z.16.STS-ZB.1.M32.G	1-1106449-4	123
HB-K/Z.24.AG-ZVGR	2-1102291-8	149
HB-K/Z.24.SG-ZVGR.1.21.Z	2-1102331-8	149
HB-K/Z.24.STS-ZB.1.21.G	2-1102316-3	148
HB-K/Z.24.STS-ZB.1.M32.G	1-1106465-5	148
HB-K/Z.32.AG-ZVGR	2-1102352-8	165
HB-K/Z.32.STS-ZB.1.29.G	2-1102348-3	165
HB-K/Z.32.STS-ZB.1.M40.G	1-1106477-4	165
HB-K/Z.48.AG-ZVGR	2-1102237-8	174
HB-K/Z.48.STS-ZB.1.42.G	2-1102234-3	174
HB-K/Z.48.STS-ZB.1.42.Z	2-1102233-3	174
HB-K/Z.48.STS-ZB.1.48.G	2-1102236-3	174
HB-K/Z.48.STS-ZB.1.48.Z	2-1102235-3	174
HB-K/Z.6.AG-ZVGR	2-1102244-8	77
HB-K/Z.6.SG-ZVGR.1.16.Z	2-1102249-8	78
HB-K/Z.6.SG-ZVGR.2.16.Z	2-1102251-8	78
HB-K/Z.6.SG-ZVGR.2.M25.Z	0-1106418-5	78
HB-K/Z.6.STS-ZB.1.16.G	2-1102240-3	77
HB-K/Z.6.STS-ZB.1.M25.G	0-1106419-5	77
HB-KF.10.STS.1.16.G	1-1102211-6	87
HB-KF.10.STS.1.21.G	1-1102214-6	87
HB-KF.10.STS.1.M25.G	0-1106431-1	87
HB-KF.10.STS-GR.1.16.G	1-1102211-7	92
HB-KF.10.STS-GR.1.M25.G	0-1106431-2	92
HB-KF.10.STS-VS.1.16.G	1-1102211-1	90
HB-KF.10.STS-VS.1.M25.G	0-1106431-3	90
HB-KF.16.STS.1.21.G	1-1102220-6	115
HB-KF.6.STS.1.16.G	1-1102205-7	73
HB-KF.6.STS.1.M25.G	0-1106420-1	73
HB-KF/K.10.STS.1.16.G	2-1102211-6	87
HB-KF/K.10.STS.1.21.G	2-1102214-6	87
HB-KF/K.10.STS.1.M25.G	0-1106431-5	87

Sortiert nach Bezeichnung/*Sorted by description*

Bestelltext	Best-Nr.	Seite
HB-KF/K.10.STS-GR.1.16.G	2-1102211-7	92
HB-KF/K.10.STS-VS.1.16.G	2-1102211-1	90
HB-KF/K.10.STS-VS.1.M25.G	0-1106431-7	90
HB-KF/K.10.STS-VS.1.M25.G	0-1106431-7	92
HB-KF/K.16.STS.1.M32.G	1-1106449-8	115
HB-KF/K.6.STS.1.16.G	2-1102205-7	73
HB-KF/K.6.STS.1.M25.G	0-1102899-1	73
HB-KF/K-Z.10.STS-ZB.1.16.G	2-1102211-3	96
HB-KF/K-Z.10.STS-ZB.1.M25.G	0-1106431-8	96
HB-KF/K-Z.16.STS-ZB.1.21.G	2-1102220-3	123
HB-KF/K-Z.16.STS-ZB.1.M32.G	2-1106449-1	123
HB-KF/K-Z.24.STS-ZB.1.29.G	2-1102232-3	148
HB-KF/K-Z.24.STS-ZB.1.M32.G	0-1106466-7	148
HB-KF/K-Z.6.STS-ZB.1.16.G	2-1102205-3	77
HB-KF/K-Z.6.STS-ZB.1.M25.G	0-1106420-2	77
HB-KF-Z.10.STS-ZB.1.16.G	1-1102211-3	96
HB-KF-Z.10.STS-ZB.1.M25.G	0-1106431-4	96
HB-KF-Z.16.STS-ZB.1.21.G	1-1102220-3	123
HB-KF-Z.16.STS-ZB.1.M32.G	2-1106449-2	123
HB-KF-Z.24.STS-ZB.1.21.G	1-1102229-3	148
HB-KF-Z.24.STS-ZB.1.29.G	1-1102232-3	148
HB-KF-Z.24.STS-ZB.1.M32.G	0-1106466-8	148
HB-KF-Z.6.STS-ZB.1.16.G	1-1102205-3	77
HB-KF-Z.6.STS-ZB.1.M25.G	0-1106420-3	77
HB-Z.10.AG-ZVGR	1-1102271-8	96
HB-Z.10.SG-ZVGR.1.16.Z	1-1102274-8	97
HB-Z.10.SG-ZVGR.2.16.Z	1-1102276-8	97
HB-Z.10.STS-ZB.1.16.G	1-1102261-3	96
HB-Z.10.STS-ZB.1.M25.G	1-1106430-6	96
HB-Z.16.AG-ZVGR	1-1102296-8	123
HB-Z.16.SG-ZVGR.1.21.Z	1-1102299-8	124
HB-Z.16.SG-ZVGR.2.21.Z	1-1102301-8	124
HB-Z.16.SG-ZVGR.2.M25.Z	1-1106448-1	124
HB-Z.16.STS-ZB.1.21.G	1-1102292-3	123
HB-Z.16.STS-ZB.1.M32.G	2-1106449-4	123
HB-Z.24.AG-ZVGR	1-1102291-8	149
HB-Z.24.SG-ZVGR.1.21.Z	1-1102331-8	149
HB-Z.24.SG-ZVGR.2.21.Z	1-1102333-8	149
HB-Z.24.SG-ZVGR.2.M25.Z	1-1106464-0	149
HB-Z.24.STS-ZB.1.21.G	1-1102316-3	148
HB-Z.24.STS-ZB.1.29.G	1-1102319-3	148
HB-Z.24.STS-ZB.1.M32.G	1-1106465-9	148
HB-Z.32.AG-ZVGR	1-1102352-8	165
HB-Z.32.SG-ZVGR.1.29.Z	1-1102354-8	165
HB-Z.32.SG-ZVGR.2.29.Z	1-1102356-8	165
HB-Z.32.STS-ZB.1.29.G	1-1102348-3	165
HB-Z.32.STS-ZB.1.M40.G	1-1106477-6	165
HB-Z.48.AG-ZVGR	1-1102237-8	174
HB-Z.48.STS-ZB.1.42.G	1-1102234-3	174
HB-Z.48.STS-ZB.1.42.Z	1-1102233-3	174
HB-Z.48.STS-ZB.1.48.G	1-1102236-3	174
HB-Z.48.STS-ZB.1.48.Z	1-1102235-3	174
HB-Z.6.AG-ZVGR	1-1102244-8	77
HB-Z.6.SG-ZVGR.1.16.Z	1-1102249-8	78
HB-Z.6.SG-ZVGR.2.16.Z	1-1102251-8	78
HB-Z.6.SG-ZVGR.2.M25.Z	0-1106418-6	78
HB-Z.6.STS-ZB.1.16.G	1-1102240-3	77
HB-Z.6.STS-ZB.1.M25.G	0-1106419-6	77
HD.108.STO.1.36.G	1-1102414-6	140
HD.108.STO.1.M50.G	0-1106467-1	140
HD.108.STS.1.29.G	1-1102411-6	139
HD.108.STS.1.M50.G	0-1106467-4	139
HD.108.STS-GR.1.29.G	1-1102411-7	144
HD.108.STS-GR.1.M50.G	0-1106467-5	144
HD.15.Bu.C	2-1103005-3	62
HD.15.KDO-LB.1.16.G	1-1102455-2	65
HD.15.KDO-LB.1.21.G	1-1102458-2	65
HD.15.KDO-LB.1.M25.G	0-1106412-1	65
HD.15.SGD-LB.1.16.Z	1-1102446-2	65
HD.15.SGD-LB.1.21.Z	1-1102450-2	65
HD.15.SGD-LB.2.16.Z	1-1102448-2	65
HD.15.SGD-LB.2.21.Z	1-1102452-2	65
HD.15.SGD-LB.2.M25.Z	0-1106413-1	65
HD.15.SG-LB.1.16.Z	1-1102438-2	64
HD.15.SG-LB.1.21.Z	1-1102442-2	64
HD.15.SG-LB.2.16.Z	1-1102440-2	64
HD.15.SG-LB.2.21.Z	1-1102444-2	64
HD.15.SG-LB.2.M25.Z	0-1106413-2	64
HD.15.Sti.C	2-1103004-3	62
HD.15.STO.1.16.G	1-1102433-7	63
HD.15.STO.1.21.G	1-1102436-7	63
HD.15.STO.1.M25.G	0-1106414-1	63
HD.15.STS.1.16.G	1-1102427-7	63
HD.15.STS.1.21.G	1-1102430-7	63
HD.15.STS.1.M25.G	0-1106414-2	63
HD.16.Bu.C	2-1103007-3	69
HD.16.KDO-LB.1.21.G	1-1102489-2	76
HD.16.KDO-LB.1.M32.G	0-1106421-1	76
HD.16.SGD-LB.1.21.Z	1-1102480-2	75
HD.16.SGD-LB.2.21.Z	1-1102482-2	75
HD.16.SGD-LB.2.M32.Z	0-1106422-1	75
HD.16.SG-LB.1.21.Z	1-1102472-2	75
HD.16.SG-LB.2.21.Z	1-1102474-2	75
HD.16.SG-LB.2.M32.Z	0-1106422-2	75
HD.16.Sti.C	2-1103006-3	69
HD.16.STO.1.21.G	1-1102467-7	74
HD.16.STO.1.M32.G	0-1106423-1	74
HD.16.STS.1.21.G	1-1102461-7	73
HD.16.STS.1.M32.G	0-1106423-2	73
HD.24.Bu.C	2-1103009-3	84
HD.24.KDO-LB.1.29.G	1-1102519-2	94
HD.24.KDO-LB.1.M32.G	0-1106432-1	94
HD.24.KDO-VS.1.M32.G	0-1106432-2	89
HD.24.SGD.2.21.Z	1-1102523-6	91
HD.24.SGD.2.M32.Z	0-1106433-1	91
HD.24.SGD-LB.1.29.Z	1-1102525-2	94
HD.24.SGD-LB.2.21.Z	1-1102523-2	94
HD.24.SGD-LB.2.29.Z	1-1102527-2	94
HD.24.SGD-LB.2.M32.Z	0-1106433-2	94
HD.24.SG-LB.1.21.Z	1-1102507-2	93
HD.24.SG-LB.1.29.Z	1-1102511-2	93
HD.24.SG-LB.2.21.Z	1-1102509-2	93
HD.24.SG-LB.2.29.Z	1-1102513-2	93
HD.24.SG-LB.2.M32.Z	0-1106433-3	93
HD.24.SG-VS.1.21.Z	1-1102507-1	88
HD.24.SG-VS.1.29.Z	1-1102511-1	88
HD.24.SG-VS.2.21.Z	1-1102509-1	88
HD.24.SG-VS.2.29.Z	1-1102513-1	88
HD.24.SG-VS.2.M32.Z	0-1106433-4	88
HD.24.Sti.C	2-1103008-3	84
HD.24.STO.1.21.G	1-1102502-6	87
HD.24.STO.1.29.G	1-1102505-6	87
HD.24.STO.1.M32.G	0-1106434-1	87
HD.24.STO-GR.1.21.G	1-1102502-7	92
HD.24.STO-GR.1.29.G	1-1102505-7	92
HD.24.STO-GR.1.M32.G	0-1106434-2	92
HD.24.STO-VS.1.29.G	1-1102505-1	90
HD.24.STO-VS.1.M32.G	0-1106434-3	90
HD.24.STS.1.21.G	1-1102496-6	87
HD.24.STS.1.29.G	1-1102499-6	87
HD.24.STS.1.M32.G	0-1106434-4	87
HD.24.STS-GR.1.21.G	1-1102496-7	92
HD.24.STS-GR.1.M32.G	0-1106434-5	92
HD.24.STS-VS.1.21.G	1-1102496-1	90
HD.24.STS-VS.1.29.G	1-1102499-1	90
HD.24.STS-VS.1.M25.G	1-1106434-5	90
HD.24.STS-VS.1.M32.G	0-1106434-6	90
HD.25.Bu.C	2-1103011-3	102
HD.25.Bu.C	2-1103011-3	129
HD.25.KDO-LB.1.21.G	1-1102561-2	105
HD.25.KDO-LB.1.M25.G	0-1106440-1	105
HD.25.SGD-LB.1.16.Z	1-1102549-2	105
HD.25.SGD-LB.1.21.Z	1-1102553-2	105
HD.25.SGD-LB.2.16.Z	1-1102551-2	105
HD.25.SGD-LB.2.21.Z	1-1102555-2	105
HD.25.SGD-LB.2.M25.Z	0-1106441-1	105
HD.25.SG-LB.1.16.Z	1-1102541-2	104
HD.25.SG-LB.1.21.Z	1-1102545-2	104
HD.25.SG-LB.2.16.Z	1-1102543-2	104
HD.25.SG-LB.2.21.Z	1-1102547-2	104
HD.25.SG-LB.2.M25.Z	0-1106441-2	104
HD.25.Sti.C	2-1103010-3	102
HD.25.Sti.C	2-1103010-3	129
HD.25.STO.1.16.G	1-1102536-7	103
HD.25.STO.1.21.G	1-1102539-7	103
HD.25.STO.1.M25.G	0-1106442-1	103
HD.25.STS.1.16.G	1-1102530-7	103
HD.25.STS.1.21.G	1-1102533-7	103
HD.25.STS.1.M25.G	0-1106442-2	103
HD.40.Bu.C	2-1103013-3	110
HD.40.Bu.C	2-1103013-3	158
HD.40.KDO-LB.1.21.G	1-1102584-2	122
HD.40.KDO-LB.1.29.G	1-1102587-2	122
HD.40.KDO-LB.1.M32.G	0-1106450-1	122
HD.40.KDO-VS.1.21.G	1-1102584-1	117
HD.40.KDO-VS.1.29.G	1-1102587-1	117
HD.40.KDO-VS.1.M32.G	0-1106450-2	117
HD.40.SGD.1.21.Z	1-1102589-6	119
HD.40.SGD.1.29.Z	1-1102593-6	119
HD.40.SGD.2.21.Z	1-1102591-6	119
HD.40.SGD.2.29.Z	1-1102595-6	119
HD.40.SGD.2.M32.Z	0-1106451-1	119
HD.40.SGD-LB.1.21.Z	1-1102589-2	122
HD.40.SGD-LB.1.29.Z	1-1102593-2	122
HD.40.SGD-LB.2.21.Z	1-1102591-2	122
HD.40.SGD-LB.2.29.Z	1-1102595-2	122
HD.40.SGD-LB.2.M32.Z	0-1106451-2	122
HD.40.SG-LB.1.21.Z	1-1102575-2	121
HD.40.SG-LB.1.29.Z	1-1102579-2	121
HD.40.SG-LB.2.21.Z	1-1102577-2	121
HD.40.SG-LB.2.29.Z	1-1102581-2	121
HD.40.SG-LB.2.M32.Z	0-1106451-3	121
HD.40.SG-VS.1.21.Z	1-1102575-1	116
HD.40.SG-VS.1.29.Z	1-1102579-1	116
HD.40.SG-VS.2.21.Z	1-1102577-1	116
HD.40.SG-VS.2.29.Z	1-1102581-1	116
HD.40.SG-VS.2.M32.Z	0-1106451-4	116
HD.40.Sti.C	2-1103012-3	110
HD.40.Sti.C	2-1103012-3	158
HD.40.STO.1.21.G	1-1102570-6	116
HD.40.STO.1.29.G	1-1102573-6	116
HD.40.STO.1.M32.G	0-1106452-1	116
HD.40.STO.1.M40.G	0-1102920-1	116
HD.40.STO-GR.1.21.G	1-1102570-7	120
HD.40.STO-GR.1.29.G	1-1102573-7	120
HD.40.STO-GR.1.M32.G	0-1106452-2	120
HD.40.STO-VS.1.21.G	1-1102570-1	118
HD.40.STO-VS.1.29.G	1-1102573-1	118
HD.40.STO-VS.1.M32.G	0-1106452-3	118
HD.40.STS.1.21.G	1-1102564-6	115
HD.40.STS.1.29.G	1-1102567-6	115
HD.40.STS.1.M32.G	0-1106452-4	115
HD.40.STS.1.M40.G	1-1106452-7	115
HD.40.STS-GR.1.21.G	1-1102564-7	120
HD.40.STS-GR.1.29.G	1-1102567-7	120
HD.40.STS-GR.1.M32.G	0-1106452-5	120
HD.40.STS-VS.1.21.G	1-1102564-1	118
HD.40.STS-VS.1.29.G	1-1102567-1	118
HD.40.STS-VS.1.M32.G	0-1106452-6	118
HD.50.STO.1.M40.G	0-1106459-1	130
HD.50.STO-VS.1.M40.G	0-1106459-2	131
HD.50.STS.1.M40.G	0-1106459-3	130
HD.50.STS-VS.1.M40.G	0-1106459-4	131
HD.64.Bu.C	2-1103033-3	136
HD.64.Bu.C	2-1103033-3	170
HD.64.KDO-LB.1.21.G	1-1103355-2	147
HD.64.KDO-LB.1.29.G	1-1103358-2	147
HD.64.KDO-LB.1.M32.G	0-1106468-1	147
HD.64.KDO-VS.1.21.G	1-1103355-1	141
HD.64.KDO-VS.1.29.G	1-1103358-1	141
HD.64.KDO-VS.1.M32.G	0-1106468-2	141
HD.64.SGD.1.21.Z	1-1103360-6	143
HD.64.SGD.1.29.Z	1-1103364-6	143
HD.64.SGD.2.21.Z	1-1103362-6	143
HD.64.SGD.2.29.Z	1-1103366-6	143
HD.64.SGD.2.M32.Z	0-1106469-1	143
HD.64.SGD-LB.1.21.Z	1-1103360-2	146
HD.64.SGD-LB.1.29.Z	1-1103364-2	146
HD.64.SGD-LB.2.21.Z	1-1103362-2	146
HD.64.SGD-LB.2.29.Z	1-1103366-2	146
HD.64.SGD-LB.2.M32.Z	0-1106469-2	146
HD.64.SG-LB.1.21.Z	1-1103346-2	146
HD.64.SG-LB.1.29.Z	1-1103350-2	146
HD.64.SG-LB.2.21.Z	1-1103348-2	146
HD.64.SG-LB.2.29.Z	1-1103352-2	146
HD.64.SG-LB.2.M32.Z	0-1106469-3	146
HD.64.SG-VS.1.21.Z	1-1103346-1	141
HD.64.SG-VS.1.29.Z	1-1103350-1	141
HD.64.SG-VS.2.21.Z	1-1103348-1	141
HD.64.SG-VS.2.29.Z	1-1103352-1	141
HD.64.SG-VS.2.M32.Z	0-1106469-4	141
HD.64.Sti.C	2-1103032-3	136
HD.64.Sti.C	2-1103032-3	170

Sortiert nach Bezeichnung/*Sorted by description*

Bestelltext	Best-Nr.	Seite
HD.64.STO.1.21.G	1-1103341-6	140
HD.64.STO.1.29.G	1-1103344-6	140
HD.64.STO.1.M32.G	0-1106470-1	140
HD.64.STO.1.M40.G	3-1106470-0	140
HD.64.STO-GR.1.21.G	1-1103341-7	145
HD.64.STO-GR.1.29.G	1-1103344-7	145
HD.64.STO-GR.1.M32.G	0-1106470-2	145
HD.64.STO-VS.1.21.G	1-1103341-1	142
HD.64.STO-VS.1.29.G	1-1103344-1	142
HD.64.STO-VS.1.M32.G	0-1106470-3	142
HD.64.STS.1.21.G	1-1103336-6	139
HD.64.STS.1.29.G	1-1103338-6	139
HD.64.STS.1.M32.G	0-1106470-4	139
HD.64.STS.1.M40.G	1-1106470-9	139
HD.64.STS-GR.1.21.G	1-1103336-7	144
HD.64.STS-GR.1.29.G	1-1103338-7	144
HD.64.STS-GR.1.M32.G	0-1106470-5	144
HD.64.STS-GR.1.M40.G	3-1106470-5	144
HD.64.STS-VS.1.21.G	1-1103336-1	142
HD.64.STS-VS.1.29.G	1-1103338-1	142
HD.64.STS-VS.1.M32.G	0-1106470-6	142
HD.7.AG-LB	1-1102419-2	--
HD.7.AGW-LB	1-1102420-2	--
HD.7.Bu.C.B1-7	2-1103003-3	48
HD.7.Bu.C/250V	2-1103001-3	48
HD.7.KDO-LB.1.11.Z	1-1102424-2	--
HD.7.KDO-LB.1.M20.Z	0-1102862-1	--
HD.7.SG-LB.1.11.Z	1-1102422-2	--
HD.7.SG-LB.1.M20.Z	0-1102860-1	--
HD.7.SKB	0-1108741-3	--
HD.7.Sti.C.B1-7	2-1103002-3	48
HD.7.Sti.C/250V	2-1103000-3	48
HD.7.STO.1.11.Z	1-1102416-7	--
HD.7.STO.1.M20.Z	0-1102856-1	--
HD.7.STW.1.11.Z	1-1102418-7	--
HD.7.STW.1.M20.Z	0-1102858-1	--
HD.8.Bu.C	0-1102893-1	48
HD.8.Sti.C	0-1102892-1	48
HD.M-C-Bu.Au.0,3-0,56 mm² A	1-163087-1	35
HD.M-C-Bu.Au.0,8-1,5 mm² A	0-0163083-7	35
HD.M-C-Bu.Sn.0,3-0,56 mm²	1-1105001-3	35
HD.M-C-Bu.Sn.0,5-1,5 mm²	2-1105001-3	35
HD.M-C-Bu.Sn.1,5-2,5 mm²	4-1105001-3	35
HD.M-C-Sti.Au.0,3-0,56 mm²	1-1105000-2	35
HD.M-C-Sti.Au.0,3-0,56 mm² A	0-0164160-4	35
HD.M-C-Sti.Au.0,8-1,5 mm²	3-1105000-2	35
HD.M-C-Sti.Au.0,8-1,5 mm² A	0-0164161-4	35
HD.M-C-Sti.Sn.0,3-0,56 mm²	1-1105000-3	35
HD.M-C-Sti.Sn.0,5-1,5 mm²	2-1105000-3	35
HD.M-C-Sti.Sn.0,5-1,5 mm² A	0-0164161-9	35
HD.M-C-Sti.Sn.1,5-2,5 mm²	4-1105000-3	35
HD.M-C-Sti.Sn.1,5-2,5 mm² B	0-0166824-2	35
HD20 R.F.HANDTOOL	169424-1	32
HD-K.108.STO.1.36.G	2-1102414-6	140
HD-K.108.STO.1.M50.G	0-1106467-7	140
HD-K.108.STS.1.29.G	2-1102411-6	139
HD-K.108.STS.1.M50.G	1-1106467-0	139
HD-K.108.STS-GR.1.29.G	2-1102411-7	144
HD-K.108.STS-GR.1.M50.G	1-1106467-1	144
HD-K.16.KDO-LB.1.21.G	2-1102489-2	76
HD-K.16.KDO-LB.1.M32.G	0-1106421-2	76
HD-K.16.SGD-LB.1.21.Z	2-1102480-2	75
HD-K.16.SGD-LB.2.21.Z	2-1102482-2	75
HD-K.16.SGD-LB.2.M32.Z	0-1106422-3	75
HD-K.16.SG-LB.1.21.Z	2-1102472-2	75
HD-K.16.SG-LB.2.21.Z	2-1102474-2	75
HD-K.16.SG-LB.2.M32.Z	0-1106422-4	75
HD-K.16.STO.1.21.G	2-1102467-7	74
HD-K.16.STO.1.M32.G	0-1106423-3	74
HD-K.16.STS.1.21.G	2-1102461-7	73
HD-K.16.STS.1.M32.G	0-1106423-4	73
HD-K.24.KDO-LB.1.29.G	2-1102519-2	94
HD-K.24.KDO-LB.1.M32.G	0-1106432-3	94
HD-K.24.KDO-VS.1.M32.G	0-1106432-4	89
HD-K.24.SGD.2.29.Z	2-1102527-6	91
HD-K.24.SGD.2.M32.Z	0-1106433-5	91
HD-K.24.SGD-LB.1.21.Z	2-1102521-2	94
HD-K.24.SGD-LB.1.29.Z	2-1102525-2	94
HD-K.24.SGD-LB.2.29.Z	2-1102527-2	94
HD-K.24.SGD-LB.2.M32.Z	0-1106433-6	94
HD-K.24.SG-LB.2.M32.Z	0-1106433-7	93
HD-K.24.SG-VS.1.21.Z	2-1102507-1	88
HD-K.24.SG-VS.1.29.Z	2-1102511-1	88
HD-K.24.SG-VS.2.21.Z	2-1102509-1	88
HD-K.24.SG-VS.2.M32.Z	0-1106433-8	88
HD-K.24.STO.1.21.G	2-1102502-6	87
HD-K.24.STO.1.29.G	2-1102505-6	87
HD-K.24.STO.1.M32.G	0-1106434-7	87
HD-K.24.STO-GR.1.29.G	2-1102505-7	92
HD-K.24.STO-GR.1.M32.G	0-1106434-8	92
HD-K.24.STO-VS.1.21.G	2-1102502-1	90
HD-K.24.STO-VS.1.29.G	2-1102505-1	90
HD-K.24.STO-VS.1.M32.G	0-1106434-9	90
HD-K.24.STS.1.21.G	2-1102496-6	87
HD-K.24.STS.1.29.G	2-1102499-6	87
HD-K.24.STS-GR.1.21.G	2-1102496-7	92
HD-K.24.STS-GR.1.M32.G	1-1106434-1	92
HD-K.24.STS-VS.1.21.G	2-1102496-1	90
HD-K.24.STS-VS.1.29.G	2-1102499-1	90
HD-K.40.KDO-LB.1.M32.G	0-1106450-3	122
HD-K.40.KDO-VS.1.29.G	2-1102587-1	117
HD-K.40.KDO-VS.1.M32.G	0-1106450-4	117
HD-K.40.SGD.1.21.Z	2-1102589-6	119
HD-K.40.SGD.2.21.Z	2-1102591-6	119
HD-K.40.SGD.2.M32.Z	0-1106451-5	119
HD-K.40.SGD-LB.1.21.Z	2-1102589-2	122
HD-K.40.SGD-LB.1.29.Z	2-1102593-2	122
HD-K.40.SGD-LB.2.21.Z	2-1102591-2	122
HD-K.40.SGD-LB.2.29.Z	2-1102595-2	122
HD-K.40.SGD-LB.2.M32.Z	0-1106451-6	122
HD-K.40.SG-LB.1.21.Z	2-1102575-2	121
HD-K.40.SG-LB.2.M32.Z	0-1106451-7	121
HD-K.40.SG-VS.1.21.Z	2-1102575-1	116
HD-K.40.SG-VS.1.29.Z	2-1102579-1	116
HD-K.40.SG-VS.2.21.Z	2-1102577-1	116
HD-K.40.SG-VS.2.M32.Z	0-1106451-8	116
HD-K.40.STO.1.21.G	2-1102570-6	116
HD-K.40.STO.1.29.G	2-1102573-6	116
HD-K.40.STO.1.M32.G	0-1106452-7	116
HD-K.40.STO-GR.1.21.G	2-1102570-7	120
HD-K.40.STO-GR.1.M32.G	0-1106452-8	120
HD-K.40.STO-VS.1.21.G	2-1102570-1	118
HD-K.40.STO-VS.1.M32.G	0-1106452-9	118
HD-K.40.STS.1.21.G	2-1102564-6	115
HD-K.40.STS.1.29.G	2-1102567-6	115
HD-K.40.STS.1.M32.G	1-1106452-0	115
HD-K.40.STS-GR.1.21.G	2-1102564-7	120
HD-K.40.STS-GR.1.29.G	2-1102567-7	120
HD-K.40.STS-GR.1.M32.G	1-1106452-1	120
HD-K.40.STS-VS.1.21.G	2-1102564-1	118
HD-K.40.STS-VS.1.29.G	2-1102567-1	118
HD-K.40.STS-VS.1.M32.G	1-1106452-2	118
HD-K.64.SGD.1.29.Z	2-1103364-6	143
HD-K.64.SGD.2.M32.Z	0-1106469-5	143
HD-K.64.SGD-LB.1.29.Z	2-1103364-2	146
HD-K.64.SGD-LB.2.M32.Z	0-1106469-6	146
HD-K.64.SG-LB.1.29.Z	2-1103350-2	146
HD-K.64.SG-LB.2.M32.Z	0-1106469-7	146
HD-K.64.SG-VS.1.21.Z	2-1103346-1	141
HD-K.64.SG-VS.1.29.Z	2-1103350-1	141
HD-K.64.SG-VS.2.21.Z	2-1103348-1	141
HD-K.64.SG-VS.2.29.Z	2-1103352-1	141
HD-K.64.SG-VS.2.M32.Z	0-1106469-8	141
HD-K.64.STO.1.21.G	2-1103341-6	140
HD-K.64.STO.1.29.G	2-1103344-6	140
HD-K.64.STO.1.M32.G	0-1106470-7	140
HD-K.64.STO-GR.1.29.G	2-1103344-7	145
HD-K.64.STO-GR.1.M32.G	0-1106470-8	145
HD-K.64.STO-VS.1.29.G	2-1103344-1	142
HD-K.64.STO-VS.1.M32.G	0-1106470-9	142
HD-K.64.STS.1.21.G	2-1103336-6	139
HD-K.64.STS.1.29.G	2-1103338-6	139
HD-K.64.STS.1.M32.G	1-1106470-0	139
HD-K.64.STS-GR.1.29.G	2-1103338-7	144
HD-K.64.STS-GR.1.M32.G	1-1106470-1	144
HD-K.64.STS-VS.1.29.G	2-1103338-1	142
HD-K.64.STS-VS.1.M32.G	1-1106470-2	142
HD-K/Z.16.SG-ZVGR.1.21.Z	2-1102472-8	78
HD-K/Z.16.SG-ZVGR.2.21.Z	2-1102474-8	78
HD-K/Z.16.SG-ZVGR.2.M32.Z	1-1106469-1	78
HD-K/Z.16.STS-ZB.1.21.G	2-1102461-3	77
HD-K/Z.24.SG-ZVGR.1.29.Z	2-1102511-8	97
HD-K/Z.24.SG-ZVGR.2.29.Z	2-1102513-8	97
HD-K/Z.24.SG-ZVGR.2.M32.Z	0-1106469-9	97
HD-K/Z.24.STS-ZB.1.21.G	2-1102496-3	96
HD-K/Z.24.STS-ZB.1.29.G	2-1102499-3	96
HD-K/Z.40.SG-ZVGR.2.M32.Z	0-1106451-9	124
HD-K/Z.40.STS-ZB.1.21.G	2-1102564-3	123
HD-K/Z.40.STS-ZB.1.29.G	2-1102567-3	123
HD-K/Z.40.STS-ZB.1.M32.G	1-1106452-4	123
HD-K/Z.64.SG-ZVGR.1.29.Z	2-1103350-8	149
HD-K/Z.64.SG-ZVGR.2.29.Z	2-1103352-8	149
HD-K/Z.64.SG-ZVGR.2.M32.Z	1-1106469-0	149
HD-K/Z.64.STS-ZB.1.29.G	2-1103338-3	148
HD-K/Z.64.STS-ZB.1.M32.G	1-1106470-6	148
HD-KF.40.STS.1.29.G	1-1102765-0	115
HD-KF.40.STS.1.M40.G	1-1102766-0	115
HD-KF/K.40.STS.1.29.G	2-1102765-0	115
HD-KF/K.40.STS.1.M40.G	2-1102766-0	115
HD-KF/K-Z.64.STS-ZB.1.36.G	2-1102408-3	148
HD-KF-Z.64.STS-ZB.1.29.G	1-1102405-3	148
HD-KF-Z.64.STS-ZB.1.36.G	1-1102408-3	148
HD-KF-Z.64.STS-ZB.1.M40.G	0-1106471-9	148
HD-Z.16.SG-ZVGR.1.21.Z	1-1102472-8	78
HD-Z.16.SG-ZVGR.2.21.Z	1-1102474-8	78
HD-Z.16.SG-ZVGR.2.M32.Z	0-1106422-5	78
HD-Z.16.STS-ZB.1.21.G	1-1102461-3	77
HD-Z.16.STS-ZB.1.M32.G	0-1106423-5	77
HD-Z.24.SG-ZVGR.1.29.Z	1-1102511-8	97
HD-Z.24.SG-ZVGR.2.29.Z	1-1102513-8	97
HD-Z.24.SG-ZVGR.2.M32.Z	1-1106434-4	97
HD-Z.24.STS-ZB.1.21.G	1-1102496-3	96
HD-Z.24.STS-ZB.1.29.G	1-1102499-3	96
HD-Z.24.STS-ZB.1.M32.G	1-1106434-3	96
HD-Z.40.SG-ZVGR.2.M32.Z	1-1106451-0	124
HD-Z.40.STS-ZB.1.21.G	1-1102564-3	123
HD-Z.40.STS-ZB.1.29.G	1-1102567-3	123
HD-Z.40.STS-ZB.1.M32.G	1-1106452-6	123
HD-Z.64.SG-ZVGR.1.21.Z	1-1103346-8	149
HD-Z.64.SG-ZVGR.1.29.Z	1-1103350-8	149
HD-Z.64.SG-ZVGR.2.29.Z	1-1103352-8	149
HD-Z.64.SG-ZVGR.2.M32.Z	1-1106469-2	149
HD-Z.64.STS-ZB.1.21.G	1-1103336-3	148
HD-Z.64.STS-ZB.1.29.G	1-1103338-3	148
HD-Z.64.STS-ZB.1.M32.G	1-1106470-8	148
HE.10.Bu.C	2-1103637-3	81
HE.10.Bu.S	1-1103637-1	81
HE.10.Bu.SC	7-1103637-1	81
HE.10.Sti.C	2-1103636-3	81
HE.10.Sti.S	1-1103636-1	81
HE.10.Sti.SC	7-1103636-1	81
HE.16.Bu.C.B1-16	2-1103639-3	106
HE.16.Bu.C.B1-16	2-1103639-3	155
HE.16.Bu.C.B17-32	2-1103639-9	155
HE.16.Bu.S.B1-16	1-1103639-1	106
HE.16.Bu.S.B1-16	1-1103639-1	155
HE.16.Bu.S.B17-32	1-1103639-9	155
HE.16.Bu.SC.B1-16	7-1103639-1	106
HE.16.Bu.SC.B1-16	7-1103639-1	155
HE.16.Bu.SC.B17-32	7-1103639-9	155
HE.16.Sti.C.B1-16	2-1103638-3	106
HE.16.Sti.C.B1-16	2-1103638-3	155
HE.16.Sti.C.B17-32	2-1103638-9	155
HE.16.Sti.S.B1-16	1-1103638-1	106
HE.16.Sti.S.B1-16	1-1103638-1	155
HE.16.Sti.S.B17-32	1-1103638-9	155
HE.16.Sti.SC.B1-16	7-1103638-1	106
HE.16.Sti.SC.B1-16	7-1103638-1	155
HE.16.Sti.SC.B17-32	7-1103638-9	155
HE.24.Bu.C.B1-24	2-1103641-3	132
HE.24.Bu.C.B1-24	2-1103641-3	168
HE.24.Bu.C.B25-48	2-1103641-9	168
HE.24.Bu.S.B1-24	1-1103641-1	132
HE.24.Bu.S.B1-24	1-1103641-1	168
HE.24.Bu.S.B25-48	1-1103641-9	168
HE.24.Bu.SC.B1-24	7-1103641-1	132
HE.24.Bu.SC.B1-24	7-1103641-1	168
HE.24.Bu.SC.B25-48	7-1103641-9	168
HE.24.Sti.C.B1-24	2-1103640-3	132
HE.24.Sti.C.B1-24	2-1103640-3	168
HE.24.Sti.C.B25-48	2-1103640-9	168
HE.24.Sti.S.B1-24	1-1103640-1	132
HE.24.Sti.S.B1-24	1-1103640-1	168

Sortiert nach Bezeichnung/*Sorted by description*

Bestelltext	Best-Nr.	Seite
HE.24.Sti.S.B25-48	1-1103640-9	168
HE.24.Sti.SC.B1-24	7-1103640-1	132
HE.24.Sti.SC.B1-24	7-1103640-1	168
HE.24.Sti.SC.B25-48	7-1103640-9	168
HE.6.Bu.C.B1-6	2-1103635-3	66
HE.6.Bu.S.B1-6	1-1103635-1	66
HE.6.Bu.SC.B1-6	7-1103635-1	66
HE.6.Sti.C.B1-6	2-1103634-3	66
HE.6.Sti.S.B1-6	1-1103634-1	66
HE.6.Sti.SC.B1-6	7-1103634-1	66
HE/HA-C-Bu.Ag.0,14-0,37mm²	6-1105101-1	37
HE/HA-C-Bu.Ag.0,5 mm²	1-1105101-1	37
HE/HA-C-Bu.Ag.0,75-1,0 mm²	2-1105101-1	37
HE/HA-C-Bu.Ag.1,5 mm²	3-1105101-1	37
HE/HA-C-Bu.Ag.2,5 mm²	4-1105101-1	37
HE/HA-C-Bu.Ag.4,0 mm²	5-1105101-1	37
HE/HA-C-Bu.Au.0,5 mm²	1-1105101-2	37
HE/HA-C-Bu.Au.0,75-1,0 mm²	2-1105101-2	37
HE/HA-C-Bu.Au.1,5 mm²	3-1105101-2	37
HE/HA-C-Bu.Au.2,5 mm²	4-1105101-2	37
HE/HA-C-Bu.Au.4,0 mm²	5-1105101-2	37
HE/HA-C-Sti.Ag.0,14-0,37mm²	6-1105100-1	37
HE/HA-C-Sti.Ag.0,5 mm²	1-1105100-1	37
HE/HA-C-Sti.Ag.0,75-1,0 mm²	2-1105100-1	37
HE/HA-C-Sti.Ag.1,5 mm²	3-1105100-1	37
HE/HA-C-Sti.Ag.2,5 mm²	4-1105100-1	37
HE/HA-C-Sti.Ag.4,0 mm²	5-1105100-1	37
HE/HA-C-Sti.Au.0,5 mm²	1-1105100-2	37
HE/HA-C-Sti.Au.0,75-1,0 mm²	2-1105100-2	37
HE/HA-C-Sti.Au.1,5 mm²	3-1105100-2	37
HE/HA-C-Sti.Au.2,5 mm²	4-1105100-2	37
HE/HA-C-Sti.Au.4,0 mm²	5-1105100-2	37
HEE.10.Bu.C B1-10	0-1102919-1	67
HEE.10.Bu.C.B1-10-FS	0-1102919-2	67
HEE.10.Sti.C B1-10	0-1102918-1	67
HEE.10.Sti.C.B1-10-FS	0-1102918-2	67
HEE.18.Bu.C B1-18	0-1102898-1	82
HEE.18.Bu.C.B1-18-FS	0-1102898-2	82
HEE.18.Sti.C B1-18	0-1102897-1	82
HEE.18.Sti.C-FS	0-1102897-2	82
HEE.32.Bu.C B1-32	0-1102896-1	107
HEE.32.Bu.C.-FS	0-1102896-3	107
HEE.32.Sti.C B1-32	0-1102895-1	107
HEE.32.Sti.C.B1-32-FS	0-1102895-3	107
HEE.46.Bu.C.B1-46	0-1102887-1	133
HEE.46.Bu.C.B1-46	0-1102887-1	170
HEE.46.Bu.C.B1-46-FS	0-1102887-4	133
HEE.46.Bu.C.B47-92	0-1102887-2	170
HEE.46.Sti.C.B1-46	0-1102886-1	133
HEE.46.Sti.C.B1-46	0-1102886-1	170
HEE.46.Sti.C.B1-46-FS	0-1102886-4	133
HEE.46.Sti.C.B47-92	0-1102886-2	170
HE-K.4/8.Bu.S	0-1102677-1	137
HE-K.4/8.Sti.S	0-1102077-1	137
HE-Q.5.Bu.C	0-1102194-1	46
HE-Q.5.Sti.C	0-1102195-1	46
HF.06.Bu	0-1110949-1	42
HF.06.Sti	0-1110948-1	42
HF.06-CH-06 mm²-SW17	0-1110952-1	42
HF.06-CH-10 mm²-SW17	0-1110952-2	42
HF.06-CH-16 mm²-SW17	0-1110952-3	42
HF.06-CH-25 mm²-SW17	0-1110952-5	42
HF.06-CH-35 mm²-SW17	0-1110952-7	42
HF.06-CH-50 mm²-SW17	0-1110952-9	42
HF.06-CH-70 mm²-SW17	1-1110952-0	42
HF.12.3+PE+Bg2/O	0-1110955-3	175
HF.12.3+PE+Bg2/U	0-1110955-1	175
HF.12.3+PE+Bg3/O	0-1110955-4	175
HF.12.3+PE+Bg3/U	0-1110955-2	175
HF.13-CH-105 mm²-SW27	0-1110953-8	42
HF.13-CH-120 mm²-SW27	0-1110953-9	42
HF.13-CH-150 mm²-SW27	1-1110953-1	42
HF.13-CH-50 mm²-SW19	0-1110953-5	42
HF.13-CH-70 mm²-SW19	0-1110953-6	42
HF.13-CH-95 mm²-SW27	0-1110953-7	42
HF.8-2+1xBg1/O	0-1110960-2	175
HF.8-2+1xBg1/U	0-1110960-1	175
HF.8-2+1xBg1/U-2	0-1110960-3	175
HF-EMVK.12.AG	0-1102192-1	176
HF-EMV-K.12.AG.N	0-1102838-1	176
HF-EMVK.12.STO.2.M40.G+1.M20.G	0-1102840-1	176
HF-EMVK.12.STO.2.M50.G+1.M20.G	0-1102840-3	176
HF-EMV-K.8.AG	0-1102836-1	176
HF-EMV-K.8.AG.N	0-1102837-1	176
HF-EMV-K.8.STO.1.M50.G	0-1102839-3	176
HF-EMV-K.8.STO.2.M40.G	0-1102839-1	176
HF-HIPK.12.AG	0-1102192-2	176
HF-HIP-K.12.AG.N	0-1102838-2	176
HF-HIPK.12.STO.2.M40.G+1.M20.G	0-1102840-2	176
HF-HIPK.12.STO.2.M50.G+1.M20.G	0-1102840-4	176
HF-HIP-K.8.AG	0-1102836-2	176
HF-HIP-K.8.AG.N	0-1102837-2	176
HF-HIP-K.8.STO.1.M50.G	0-1102839-4	176
HG-Q.10.Bu.C	0-1103091-1	55
HG-Q.10.MC.1	0-1103092-1	58
HG-Q.10.MC.2	0-1103092-2	58
HG-Q.10.MC.3	0-1103092-3	58
HG-Q.10.MC.4	0-1103092-4	58
HG-Q.10.MC.5	0-1103092-5	58
HG-Q.10.MC.6	0-1103092-6	58
HG-Q.10.MC.7	0-1103092-7	58
HG-Q.10.Sti.C	0-1108808-1	55
HG-Q.10-EMV.MC.1	0-1103092-8	58
HG-Q.10-EMV.MC.2	0-1103092-9	58
HG-Q.10-EMV.MC.3	1-1103092-0	58
HG-Q.10-EMV.MC.4	1-1103092-1	58
HG-Q.10-EMV.MC.5	1-1103092-2	58
HG-Q.10-EMV.MC.6	1-1103092-3	58
HG-Q.10-EMV.MC.7	1-1103092-4	58
HG-Q.4/2.Bu.C	0-1103096-1	55
HG-Q.4/2.Sti.C	0-1103095-1	55
HG-Q.5.AG	0-1103171-1	51
HG-Q.5.AG.BL	0-1103171-2	51
HG-Q.5.AGW	0-1103172-1	52
HG-Q.5.AGW.BL	0-1103172-2	52
HG-Q.5.DE	0-1103176-1	184
HG-Q.5.DE.BL	0-1103176-2	184
HG-Q.5.KDO.1.M25	0-1103174-1	52
HG-Q.5.KDO.1.M25.BL	0-1103174-2	52
HG-Q.5.SG.1.M25	0-1103173-1	52
HG-Q.5.SG.1.M25.BL	0-1103173-2	52
HG-Q.5.STO.1.M25	0-1103169-1	51
HG-Q.5.STO.1.M25.BL	0-1103169-2	51
HG-Q.5.STW.1.M25	0-1103170-1	51
HG-Q.5.STW.1.M25.BL	0-1103170-2	51
HG-Q.8.Bu.C	0-1103071-1	55
HG-Q.8.Sti.C	0-1103070-1	55
HG-Q.AG-LB	0-1103072-1	57
HG-Q.Flanschdicht-L	0-1108794-2	59
HG-Q.KDO-LB.1.M25.Z	0-1108795-1	57
HG-Q.KDS-LB.1.M25.Z	0-1108795-2	57
HG-Q.M25.10,5/7,0	0-1103074-4	59
HG-Q.M25.13,0/9,0	0-1103074-5	59
HG-Q.M25.15,5/11,5	0-1103074-6	59
HG-Q.M25.6,5/4,0	0-1103074-1	59
HG-Q.M25.8,0/5,0	0-1103074-2	59
HG-Q.M25.9,5/6,5	0-1103074-3	59
HG-Q.STO.1.M25.Z	0-1103073-2	56
HG-Q.STS.1.M25.Z	0-1103073-1	56
HG-Q.STS.2.M25.Z	0-1103155-1	56
HG-Q-EMV.AG-LB	0-1103072-2	57
HG-Q-EMV.KDO-LB.1.M25.Z	0-1108795-3	57
HG-Q-EMV.KDS-LB.1.M25.Z	0-1108795-4	59
HG-Q-EMV.STO.1.M25.Z	0-1103073-4	56
HG-Q-EMV.STS.1.M25.Z	0-1103073-3	56
HG-Q-EMV.STS.2.M25.Z	0-1103155-2	56
HIP.10/24.AG	1-1102647-5	98
HIP.10/24.AG.M6	1-1102612-5	99
HIP.10/24.SG.1.21.G	1-1102610-5	99
HIP.10/24.SG.2.21.G	1-1102611-5	99
HIP.10/24.SG.2.M32.G	0-1106435-1	99
HIP.10/24.STO.1.16.G	1-1102644-5	98
HIP.10/24.STO.1.21.G	1-1102646-5	98
HIP.10/24.STO.1.M32.G	0-1106436-1	98
HIP.10/24.STS.1.16.G	1-1102640-5	98
HIP.10/24.STS.1.21.G	1-1102642-5	98
HIP.10/24.STS.1.M25.G	0-1106436-2	98
HIP.16/40.AG	1-1102656-5	125
HIP.16/40.AG.M6	1-1102618-5	125
HIP.16/40.SG.1.21.G	1-1102616-5	126
HIP.16/40.SG.2.21.G	1-1102617-5	126
HIP.16/40.SG.2.M32.G	0-1106453-1	126
HIP.16/40.STO.1.21.G	1-1102653-5	125
HIP.16/40.STO.1.29.G	1-1102655-5	125
HIP.16/40.STO.1.M32.G	0-1106454-1	125
HIP.16/40.STS.1.21.G	1-1102649-5	125
HIP.16/40.STS.1.29.G	1-1102651-5	125
HIP.16/40.STS.1.M32.G	0-1106454-2	125
HIP.24/64.AG	1-1102665-5	151
HIP.24/64.AG.M6	1-1102626-5	151
HIP.24/64.SG.1.29.G	1-1102624-5	151
HIP.24/64.SG.2.29.G	1-1102625-5	151
HIP.24/64.SG.2.M40.G	0-1106472-1	151
HIP.24/64.STO.1.21.G	1-1102662-5	150
HIP.24/64.STO.1.29.G	1-1102664-5	150
HIP.24/64.STO.1.M40.G	0-1106473-1	150
HIP.24/64.STS.1.21.G	1-1102658-5	150
HIP.24/64.STS.1.29.G	1-1102660-5	150
HIP.24/64.STS.1.M40.G	0-1106473-2	150
HIP.3/4.AG	1-1102603-5	53
HIP.3/4.SG.1.11.G	1-1102601-5	54
HIP.3/4.SG.1.M16.G	0-1106407-1	54
HIP.3/4.SGF	1-1102602-5	53
HIP.3/4.STO.1.11.G	1-1102600-5	53
HIP.3/4.STO.1.M16.G	0-1106408-1	53
HIP.6/16.AG	1-1102638-5	79
HIP.6/16.AG.M6	1-1102606-5	79
HIP.6/16.SG.1.16.G	1-1102604-5	80
HIP.6/16.SG.2.16.G	1-1102605-5	80
HIP.6/16.SG.2.M32.G	0-1106424-1	80
HIP.6/16.STO.1.16.G	1-1102635-5	79
HIP.6/16.STO.1.M32.G	0-1106425-1	79
HIP.6/16.STS.1.16.G	1-1102631-5	79
HIP.6/16.STS.1.M25.G	0-1106425-2	79
HIP/EMV.10/24.SKB	3-1106202-5	99
HIP/EMV.10/24.SKB	3-1106202-5	185
HIP/EMV.16/40.SKB	3-1106203-5	126
HIP/EMV.16/40.SKB	3-1106203-5	185
HIP/EMV.24/64.SKB	3-1106204-5	151
HIP/EMV.24/64.SKB	3-1106204-5	185
HIP/EMV.3/4.SKB	3-1106200-5	54
HIP/EMV.6/16.SKB	3-1106201-5	80
HIP/EMV.6/16.SKB	3-1106201-5	185
HIP-K.10/24.AG	2-1102647-5	98
HIP-K.10/24.AG.M6	2-1102612-5	99
HIP-K.10/24.SG.1.21.G	5-1102610-5	99
HIP-K.10/24.SG.2.21.G	2-1102611-5	99
HIP-K.10/24.STO.1.16.G	2-1102644-5	98
HIP-K.10/24.STO.1.M25.G	0-1106436-3	98
HIP-K.10/24.STO.1.M32.G	0-1106436-5	98
HIP-K.10/24.STS.1.21.G	2-1102642-5	98
HIP-K.10/24.STS.1.M25.G	0-1106436-4	98
HIP-K.10/24.STS.1.M32.G	0-1106436-6	98
HIP-K.16/40.AG	2-1102656-5	125
HIP-K.16/40.AG.M6	2-1102618-5	125
HIP-K.16/40.SG.1.21.G	5-1102616-5	126
HIP-K.16/40.SG.2.21.G	2-1102617-5	126
HIP-K.16/40.SG.2.M32.G	0-1106443-1	126
HIP-K.16/40.STO.1.29.G	2-1102655-5	125
HIP-K.16/40.STO.1.M32.G	0-1106444-1	125
HIP-K.16/40.STO.2.21.G	0-1108534-1	125
HIP-K.16/40.STS.1.29.G	2-1102651-5	125
HIP-K.16/40.STS.1.M32.G	0-1106444-2	125
HIP-K.24/64.AG	2-1102665-5	151
HIP-K.24/64.AG.M6	2-1102626-5	151
HIP-K.24/64.AG.M6.D	2-1102628-5	151
HIP-K.24/64.SG.1.29.G	5-1102624-5	151
HIP-K.24/64.SG.2.29.G	2-1102625-5	151
HIP-K.24/64.SG.2.M40.G	0-1106472-2	151
HIP-K.24/64.STO.1.29.G	2-1102664-5	150
HIP-K.24/64.STO.1.M40.G	0-1106473-3	150
HIP-K.24/64.STO.2.M32.G	0-1102792-1	150
HIP-K.24/64.STS.1.29.G	2-1102660-5	150
HIP-K.24/64.STS.1.M40.G	0-1106473-4	150
HIP-K.3/4.AG	2-1102603-5	53
HIP-K.3/4.SG.1.11.G	2-1102601-5	54
HIP-K.3/4.SG.1.M16.G	0-1106407-2	54
HIP-K.3/4.SGF	2-1102602-5	53
HIP-K.3/4.STO.1.11.G	2-1102600-5	53
HIP-K.3/4.STO.1.M16.G	0-1106408-2	53
HIP-K.3/4.STO.1.M20.G	0-1106408-3	53
HIP-K.6/16.AG	2-1102638-5	79

Sortiert nach Bezeichnung/*Sorted by description*

Bestelltext	Best-Nr.	Seite
HIP-K.6/16.AG.M6	2-1102606-5	79
HIP-K.6/16.SG.1.16.A	2-1102604-5	80
HIP-K.6/16.SG.2.16.G	2-1102605-5	80
HIP-K.6/16.SG.2.M32.G	0-1106424-2	80
HIP-K.6/16.STO.1.16.G	2-1102635-5	79
HIP-K.6/16.STO.1.21.G	2-1102637-5	79
HIP-K.6/16.STO.1.M25.G	0-1106425-6	79
HIP-K.6/16.STO.1.M32.G	0-1106425-3	79
HIP-K.6/16.STS.1.16.G	2-1102631-5	79
HIP-K.6/16.STS.1.21.G	2-1102633-5	79
HIP-K.6/16.STS.1.M25.G	0-1106425-4	79
HIP-K/EMV-K.10/24.SKB	4-1106202-5	99
HIP-K/EMV-K.10/24.SKB	4-1106202-5	185
HIP-K/EMV-K.16/40.SKB	4-1106203-5	126
HIP-K/EMV-K.16/40.SKB	4-1106203-5	185
HIP-K/EMV-K.24/64.SKB	4-1106204-5	151
HIP-K/EMV-K.24/64.SKB	4-1106204-5	185
HIP-K/EMV-K.3/4.SKB	4-1106200-5	54
HIP-K/EMV-K.6/16.SKB	4-1106201-5	80
HIP-K/EMV-K.6/16.SKB	4-1106201-5	185
HIP-KF.24/64.STS.1.29.G	1-1102622-5	150
HIP-KF.24/64.STS.1.36.G	1-1102623-5	150
HIP-KF.24/64.STS.1.M40.G	0-1106474-1	150
HIP-KF/K.24/64.STS.1.29.G	2-1102622-5	150
HIP-KF/K.24/64.STS.1.36.G	2-1102623-5	150
HIP-KF/K.24/64.STS.1.M40.G	0-1106474-2	150
HIP-K-I.24/64.AG.M6.D	0-1108533-1	151
HM.10-82/82	8-1108772-2	95
HM.10-85/85	8-1108772-5	95
HM.10-90/90	8-1108772-0	95
HM.10-94/94	8-1108772-4	95
HM.10-98/98	8-1108772-8	95
HMX.4/0.Bu.S	0-1104700-1	113
HMX.4/0.Sti.S	0-1104701-1	113
HMX.4/2.Bu.S	0-1102076-1	113
HMX.4/2.Sti.S	0-1102075-1	113
HN.2D.108.Bu.C.B109-216	2-1103221-3	169
HN.2D.108.Bu.C.B1-108	2-1103220-3	135
HN.2D.108.Bu.C.B1-108	2-1103220-3	169
HN.2D.108.Sti.C.B109-216	2-1103217-3	169
HN.2D.108.Sti.C.B1-108	2-1103216-3	135
HN.2D.108.Sti.C.B1-108	2-1103216-3	169
HN.2D.24.Bu.C	2-1103202-3	70
HN.2D.24.Sti.C	2-1103200-3	70
HN.2D.42.Bu.C	2-1103206-3	85
HN.2D.42.Sti.C	2-1103204-3	85
HN.2D.72.Bu.C.B1-72	2-1103212-3	109
HN.2D.72.Bu.C.B1-72	2-1103212-3	157
HN.2D.72.Bu.C.B73-144	2-1103213-3	157
HN.2D.72.Sti.C.B1-72	2-1103208-3	109
HN.2D.72.Sti.C.B1-72	2-1103208-3	157
HN.2D.72.Sti.C.B73-144	2-1103209-3	157
HN.D.15.Bu.C	2-1103107-3	61
HN.D.15.Sti.C B1-15	2-1103106-3	61
HN.D.25.Bu.C	2-1103109-3	101
HN.D.25.Bu.C	2-1103109-3	128
HN.D.25.Bu.C B1-25/Z	0-1103109-1	101
HN.D.25.Bu.C B1-25/Z	0-1103109-1	128
HN.D.25.Sti.C B1-25	2-1103108-3	101
HN.D.25.Sti.C B1-25	2-1103108-3	128
HN.D.25.Sti.C B1-25/Z	0-1103108-1	101
HN.D.25.Sti.C B1-25/Z	0-1103108-1	128
HN.D.40.Bu.C	2-1103111-3	109
HN.D.40.Bu.C	2-1103111-3	157
HN.D.40.Sti.C	2-1103110-3	109
HN.D.40.Sti.C	2-1103110-3	157
HN.D.64.Bu.C	2-1103113-3	135
HN.D.64.Bu.C	2-1103113-3	169
HN.D.64.Sti.C	2-1103112-3	135
HN.D.64.Sti.C	2-1103112-3	169
HN.D.7.Bu.C	2-1103103-3	47
HN.D.7.Bu.C/250V	2-1103101-3	47
HN.D.7.Sti.C	2-1103102-3	47
HN.D.7.Sti.C/250V	2-1103100-3	47
HN.D.8.Bu.C	2-1103105-3	47
HN.D.8.Sti.C	2-1103104-3	47
HN.D-C-Bu.Ag.0,14-0,37	1-1105051-1	34
HN.D-C-Bu.Ag.0,5	2-1105051-1	34
HN.D-C-Bu.Ag.0,75-1,0	3-1105051-1	34
HN.D-C-Bu.Ag.1,5	4-1105051-1	34
HN.D-C-Bu.Ag.2,5	5-1105051-1	34
HN.D-C-Bu.Au.0,14-0,37	1-1105051-2	34
HN.D-C-Bu.Au.0,5	2-1105051-2	34
HN.D-C-Bu.Au.0,75-1,0	3-1105051-2	34
HN.D-C-Bu.Au.1,5	4-1105051-2	34
HN.D-C-Bu.Au.2,5	5-1105051-2	34
HN.D-C-Sti.Ag.0,14-0,37	1-1105050-1	34
HN.D-C-Sti.Au.0,5	2-1105050-2	34
HN.D-C-Sti.Au.0,75-1,0	3-1105050-2	34
HN.D-C-Sti.Au.1,5	4-1105050-2	34
HN.D-C-Sti.Au.2,5	5-1105050-2	34
HSB.6/35.Bu.S.B1-6	1-1104205-1	113
HSB.6/35.Bu.S.B1-6	1-1104205-1	156
HSB.6/35.Bu.S.B7-12	1-1104207-1	156
HSB.6/35.Sti.S.B1-6	1-1104204-1	113
HSB.6/35.Sti.S.B1-6	1-1104204-1	156
HSB.6/35.Sti.S.B7-12	1-1104206-1	156
HSK.6+36.Bu.C	0-1108762-1	111
HSK.6+36.Sti.C	0-1108761-1	111
HSK.Bu.C.1,5 mm²	1-1108756-1	39
HSK.Bu.C.10,0 mm²	5-1108756-1	39
HSK.Bu.C.2,5 mm²	2-1108756-1	39
HSK.Bu.C.4,0 mm²	3-1108756-1	39
HSK.Bu.C.6,0 mm²	4-1108756-1	39
HSK.RSZ.LC 0,75-2,5 mm²	0-1102789-1	39
HSK.RSZ.LC 4-10 mm²	0-1102790-1	39
HSK.Sti.C 1,5 mm²	1-1108757-1	39
HSK.Sti.C 10 mm²	5-1108757-1	39
HSK.Sti.C 2,5 mm²	2-1108757-1	39
HSK.Sti.C 4,0 mm²	3-1108757-1	39
HSK.Sti.C 6,0 mm²	4-1108757-1	39
HSM.Bu.C.AG.0,75 mm²	1-1105251-1	40
HSM.Bu.C.AG.1,5 mm²	2-1105251-1	40
HSM.Bu.C.AG.10 mm²	6-1105251-1	40
HSM.Bu.C.AG.2,5 mm²	3-1105251-1	40
HSM.Bu.C.AG.4 mm²	4-1105251-1	40
HSM.Bu.C.AG.6 mm²	5-1105251-1	40
HSM.Sti.C.AG.0,75 mm²	1-1105250-1	40
HSM.Sti.C.AG.1,5 mm²	2-1105250-1	40
HSM.Sti.C.AG.10 mm²	6-1105250-1	40
HSM.Sti.C.AG.2,5 mm²	3-1105250-1	40
HSM.Sti.C.AG.4 mm²	4-1105250-1	40
HSM.Sti.C.AG.6 mm²	5-1105250-1	40
HSS.8/2.Bu.C	2-1104202-3	137
HSS.8/2.Sti.C	2-1104200-3	137
HSS-C-Bu.AG.10 mm²	4-1105151-1	41
HSS-C-Bu.AG.16 mm²	5-1105151-1	41
HSS-C-Bu.AG.6 mm²	3-1105151-1	41
HSS-C-Bu.AU. 6 mm²	3-1105151-2	41
HSS-C-Bu.AU.10 mm²	4-1105151-2	41
HSS-C-Bu.AU.16 mm²	5-1105151-2	41
HSS-C-Sti.AG.10 mm²	4-1105150-1	41
HSS-C-Sti.AG.16 mm²	5-1105150-1	41
HSS-C-Sti.AG.6 mm²	3-1105150-1	41
HSS-C-Sti.AU.10 mm²	4-1105150-2	41
HSS-C-Sti.AU.16 mm²	5-1105150-2	41
HSS-C-Sti.AU.6 mm²	3-1105150-2	41
HSS-CSZ.2,5-70 mm²	1-1105653-8	41
HSS-CSZ.2,5-70 mm²	1-1105653-8	42
HUT.11.MS	1-1106006-9	190
HUT.11.P-GRAU	1-1106005-7	190
HUT.13.MS	2-1106006-9	190
HUT.13.P-GRAU	2-1106005-7	190
HUT.16.MS	3-1106006-9	190
HUT.16.P-GRAU	3-1106005-7	190
HUT.21.MS	4-1106006-9	190
HUT.21.P-GRAU	4-1106005-7	190
HUT.29.MS	5-1106006-9	190
HUT.29.P-GRAU	5-1106005-7	190
HUT.36.MS	6-1106006-9	190
HUT.36.P-GRAU	6-1106005-7	190
HUT.42.MS	7-1106006-9	190
HUT.42.P-GRAU	7-1106005-7	190
HUT.M16.MS	1-1102770-6	190
HUT.M16.P	1-1102771-6	190
HUT.M20.MS	2-1102770-0	190
HUT.M20.P	2-1102771-0	190
HUT.M25.MS	2-1102770-5	190
HUT.M25.P	2-1102771-5	190
HUT.M32.MS	3-1102770-2	190
HUT.M32.P	3-1102771-2	190
HUT.M40.MS	4-1102770-0	190
HUT.M40.P	4-1102771-0	190
HUT.M50.MS	5-1102770-0	190
HUT.M50.P	5-1102771-0	190
HVS-AIR.2.Bu	0-1103247-1	210
HVS-AIR.2.Sti	0-1103246-1	210
HVS-BLD	0-1103266-1	211
HVS-HE.20.Bu.C	0-1103145-1	207
HVS-HE.20.Sti.C	0-1103144-1	207
HVS-HE.5.Bu.SC	0-1103134-1	205
HVS-HE.5.Sti.SC	0-1103133-1	205
HVS-HE.6.Bu.C	0-1103245-1	206
HVS-HE.6.Sti.C	0-1103244-1	206
HVS-HE.8.Bu.C	0-1103141-1	206
HVS-HE.8.Sti.C	0-1103140-1	206
HVS-HND.12.Bu.C	0-1103276-1	207
HVS-HND.12.Sti.C	0-1103277-1	207
HVS-HND.17.Bu.C	0-1103279-1	208
HVS-HND.17.Sti.C	0-1103278-1	208
HVS-HSK.2.Bu.C	0-1103271-1	204
HVS-HSK.2.Sti.C	0-1103270-1	204
HVS-HSK.3.Bu.C	0-1103273-1	205
HVS-HSK.3.Sti.C	0-1103272-1	205
HVS-HSS.2.Bu.C	0-1103274-1	204
HVS-HSS.2.Sti.C	0-1103275-1	204
HVS-MM.17.Bu.C	0-1103281-1	208
HVS-MM.17.Sti.C	0-1103280-1	208
HVS-MVB.HND.4.Sti.C	0-1103251-1	210
HVS-MVB.S20DF.8.Sti.C	0-1103258-1	210
HVS-R.0.1-2	0-1103250-7	72
HVS-R.0.1-2	0-1103250-7	201
HVS-R.0.1-2	0-1103250-7	211
HVS-R.0.1-3	0-1103250-5	86
HVS-R.0.1-3	0-1103250-5	211
HVS-R.0.1-4	0-1103250-3	114
HVS-R.0.1-4	0-1103250-3	212
HVS-R.0.1-6	0-1103250-1	138
HVS-R.0.1-6	0-1103250-1	212
HVS-R.U.1-2	0-1103250-8	159
HVS-R.U.1-2	0-1103250-8	201
HVS-R.U.1-2	0-1103250-8	211
HVS-R.U.1-3	0-1103250-6	159
HVS-R.U.1-3	0-1103250-6	211
HVS-R.U.1-4	0-1103250-4	171
HVS-R.U.1-4	0-1103250-4	212
HVS-R.U.1-6	0-1103250-2	171
HVS-R.U.1-6	0-1103250-2	212
HVS-S20DF.25.Bu.C	0-1103261-1	209
HVS-S20DF.25.Sti.C	0-1103260-1	209
HVS-TX.2.Bu	0-1103269-1	209
HVS-TX.2.Sti	0-1103267-1	209
HVS-TX.HN.D.4.Bu.C	0-1103286-1	209
HVS-TX.HN.D.4.Sti.C	0-1103283-1	209
HVS-TX.S20DF.8.Bu.C	0-1103297-1	209
HVS-TX.S20DF.8.Sti.C	0-1103291-1	209
HVT.14.Bu.C	2-1104006-3	83
HVT.14.Sti.C	2-1104004-3	83
HVT.23.Bu.C	2-1104010-3	108
HVT.23.Sti.C	2-1104008-3	108
HVT.35.Bu.C	2-1104014-3	134
HVT.35.Sti.C	2-1104012-3	134
HVT.48.Bu.C	2-1104018-3	134
HVT.48.Sti.C	2-1104016-3	134
HVT.8.Bu.C	2-1104002-3	68
HVT.8.Sti.C	2-1104000-3	68
HVT-C-Bu.Ag.0,13-0,4 mm²	6-1105301-1	38
HVT-C-Bu.Ag.0,5 mm²	1-1105301-1	38
HVT-C-Bu.Ag.0,75-1,0 mm²	2-1105301-1	38
HVT-C-Bu.Ag.1,5 mm²	3-1105301-1	38
HVT-C-Bu.Ag.2,5 mm²	4-1105301-1	38
HVT-C-Bu.Ag.4,0 mm²	5-1105301-1	38
HVT-C-Bu.Au.0,13-0,4 mm²	6-1105301-2	38
HVT-C-Bu.Au.0,5 mm²	1-1105301-2	38
HVT-C-Bu.Au.0,75-1,0 mm²	2-1105301-2	38
HVT-C-Bu.Au.1,5 mm²	3-1105301-2	38
HVT-C-Bu.Au.2,5 mm²	4-1105301-2	38
HVT-C-Bu.Au.4,0 mm²	5-1105301-2	38
HVT-C-Sti.Ag.0,13-0,4 mm²	6-1105300-1	38
HVT-C-Sti.Ag.0,5 mm²	1-1105300-1	38
HVT-C-Sti.Ag.0,75-1,0 mm²	2-1105300-1	38
HVT-C-Sti.Ag.1,5 mm²	3-1105300-1	38
HVT-C-Sti.Ag.2,5 mm²	4-1105300-1	38

Sortiert nach Bezeichnung/*Sorted by description*

Bestelltext	Best-Nr.	Seite
HVT-C-Sti.Ag.4,0 mm²	5-1105300-1	38
HVT-C-Sti.Au.0,13-0,4 mm²	6-1105300-2	38
HVT-C-Sti.Au.0,5 mm²	1-1105300-2	38
HVT-C-Sti.Au.0,75-1,0 mm²	2-1105300-2	38
HVT-C-Sti.Au.1,5 mm²	3-1105300-2	38
HVT-C-Sti.Au.2,5 mm²	4-1105300-2	38
HVT-C-Sti.Au.4,0 mm²	5-1105300-2	38
INS.-EXTR. TOOL	726363-1	32
INSERT/EXTRACT TOOL ASSEMBLY	91285-1	32
IP65-Dichtset M3x6+PD	0-1103028-2	189
IP65-Dichtset M3x8	0-1103028-1	189
KX.VT.Bu.0,8/3,5/6,1	0-1108601-1	43
KX.VT.Bu.1,4/6,3/10,0	0-1108629-1	43
KX.VT.Bu.3,0/7,3/10,8	0-1108617-1	43
KX.VT.Sti.0,8/3,5/6,1	0-1108600-1	43
KX.VT.Sti.1,4/6,3/10,0	0-1108628-1	43
KX.VT.Sti.3,0/7,3/10,8	0-1108616-1	43
KX.VT-AWZG	1-1105752-8	43
KX-AWZG	0-0305183-8	43
KX-RG.58.Bu	1-1105351-1	43
KX-RG.58.Sti	1-1105350-1	43
KX-RG.59.Bu	2-1105351-1	43
KX-RG.59.Sti	2-1105350-1	43
LWL-Zentrierhülse	0-1102921-1	44
MDL.E.TWIN.Bu	0-1108786-1	198
MDL.E.TWIN.Sti	0-1108785-1	198
MDL.HF.E.C-6mm	0-1110957-1	200
MDL2.2+2.Bu.C	0-1103019-2	194
MDL2.2+2.Sti.C	0-1103019-1	194
MDL2.3+4.Bu.C	0-1103018-2	195
MDL2.3+4.Sti.C	0-1103018-1	195
MDL2.45.JACK.2	0-1108812-2	199
MDL2.45.JACK.5e	0-1108812-1	199
MDL2.45.PLUG	0-1108813-1	199
MDL2.8.Bu.C	0-1103015-2	195
MDL2.8.Sti.C	0-1103015-1	195
MDL2.AIR.Bu	0-1103025-2	200
MDL2.AIR.Sti	0-1103025-1	200
MDL2.Blindmodul	0-1103014-1	200
MDL2.HD.18.Bu.C	0-1103016-2	196
MDL2.HD.18.Sti.C	0-1103016-1	196
MDL2.HN.D.1+2.Bu.C	0-1103024-2	194
MDL2.HN.D.1+2.Sti.C	0-1103024-1	194
MDL2.HN.D.15.Bu.C	0-1103017-2	196
MDL2.HN.D.15.Sti.C	0-1103017-1	196
MDL2.HN.D.18.Bu.C	0-1103076-2	196
MDL2.HN.D.18.Sti.C	0-1103076-1	196
MDL2.KX.Bu	0-1103021-2	198
MDL2.KX.Sti	0-1103021-1	198
MDL2.TX.4.5,4.Bu.C	0-1103023-2	198
MDL2.TX.4.5,4.Sti.C	0-1103023-1	198
MDL2.TX.4.8,5.Bu.C	0-1103022-2	198
MDL2.TX.4.8,5.Sti.C	0-1103022-1	198
MDL2.VT-KX.Bu	0-1103020-2	199
MDL2.VT-KX.Sti	0-1103020-1	199
MDL2-GR.O/U-3	0-1108784-1	72
MDL2-GR.O/U-3	0-1108784-1	201
MDL2-GR.O-4.B1-2	0-1108783-1	86
MDL2-GR.O-6.B1-3	0-1108782-1	114
MDL2-GR.O-6.B1-3	0-1108782-1	159
MDL2-GR.O-6.B1-3	0-1108782-1	202
MDL2-GR.O-6.B1-3	0-1108782-1	203
MDL2-GR.O-6.B4-6	0-1108782-4	159
MDL2-GR.O-6.B4-6	0-1108782-4	203
MDL2-GR.O-8.B1-4	0-1108780-1	138
MDL2-GR.O-8.B1-4	0-1108780-1	171
MDL2-GR.O-8.B1-4	0-1108780-1	202
MDL2-GR.O-8.B1-4	0-1108780-1	203
MDL2-GR.O-8.B5-8	0-1108780-6	171
MDL2-GR.O-8.B5-8	0-1108780-6	203
MDL2-GR.U-4.B1-2	0-1108783-2	86
MDL2-GR.U-6.B1-3	0-1108782-2	114
MDL2-GR.U-6.B1-3	0-1108782-2	159
MDL2-GR.U-6.B1-3	0-1108782-2	202
MDL2-GR.U-6.B1-3	0-1108782-2	203
MDL2-GR.U-6.B4-6	0-1108782-5	159
MDL2-GR.U-6.B4-6	0-1108782-5	203
MDL2-GR.U-8.B1-4	0-1108780-2	138
MDL2-GR.U-8.B1-4	0-1108780-2	171
MDL2-GR.U-8.B1-4	0-1108780-2	202
MDL2-GR.U-8.B1-4	0-1108780-2	203
MDL2-GR.U-8.B5-8	0-1108780-2	171
MDL2-GR.U-8.B5-8	0-1108780-2	203
MDL-SBS.BG3	2-1106310-9	213
MDL-SBS.BG4	2-1106311-9	213
MDL-SBS.BG6	2-1106312-9	213
MDL-SBS.BG8	2-1106313-9	213
MJ Plug Cat 5e	5-569550-4	199
O-RING.PG11.SCHW	1-1106053-1	193
O-RING.PG11.VITON	1-1106053-2	193
O-RING.PG13.SCHW	2-1106053-1	193
O-RING.PG13.VITON	2-1106053-2	193
O-RING.PG16.SCHW	3-1106053-1	193
O-RING.PG21.SCHW	4-1106053-1	193
O-RING.PG29.SCHW	5-1106053-1	193
O-RING.PG29.VITON	5-1106053-2	193
O-RING.PG36.SCHW	6-1106053-1	193
O-RING.PG42.SCHW	7-1106053-1	193
O-RING.PG42.VITON	7-1106053-2	193
Pin Dia 2,5 (Sn) 0,2-0,4 mm² Loose piece	962966-1	36
Pin Dia 2,5 (Sn) 0,2-0,4 mm² Strip Form	929962-1	36
Pin Dia 2,5 (Sn) 0,5-1,0 mm² Loose piece	962967-1	36
Pin Dia 2,5 (Sn) 0,5-1,0 mm² Strip Form	929963-1	36
Pin Dia 2,5 (Sn) 1,0-2,5 mm² Strip Form	929964-1	36
Pin Dia 2,5 (Sn) 1,0-2,5 mm² Loose piece	962968-1	36
Pin Dia 2,5 (Sn) 2,5-4,0 mm² Loose piece	962969-1	36
Pin Dia 2,5 (Sn) 2,5-4,0mm² Strip Form	929965-1	36
Pin S 20 DF 0,08-0,2 AG Loose piece	1-66507-0	32
Pin S 20 DF 0,08-0,2 AG Strip Form	66507-4	32
Pin S 20 DF 0,08-0,2 Loose piece	66507-9	32
Pin S 20 DF 0,08-0,2 Strip Form	66507-3	32
Pin S 20 DF 0,2-0,6 AG Loose piece	1-66506-0	32
Pin S 20 DF 0,2-0,6 AG Strip Form	66506-4	32
Pin S 20 DF 0,2-0,6 Loose piece	66506-9	32
Pin S 20 DF 0,2-0,6 Strip Form	66506-3	32
QUICK-IN-QM	0-1106516-1	178
QUICK-IN-QSB	0-1106515-1	178
REDU.13/09.MS.8	8-1106062-6	192
REDU.13/11.MS.8	2-1106062-6	192
REDU.16/11.MS.8	9-1106062-6	192
REDU.16/13.MS.8	3-1106062-6	192
REDU.21/13.MS.8	0-1106062-6	192
REDU.21/16.MS.8	4-1106062-6	192
REDU.29/16.MS.8	0-1106062-7	192
REDU.29/21.MS.8	5-1106062-6	192
REDU.36/21.MS.8	1-1106062-7	192
REDU.36/29.MS.8	6-1106062-6	192
RS-M3	1-1106107-1	179
RSZ.BAS	1-1105850-8	34
RSZ.BAS	1-1105850-8	35
RSZ.BAS	1-1105850-8	37
RSZ.BAS	1-1105850-8	38
RSZ.BAS	1-1105850-8	39
RSZ.BAS	1-1105850-8	40
RSZ.BAS	1-1105850-8	41
RSZ.HE/HA-LC 0,14-4 mm²	1-1105852-8	34
RSZ.HE/HA-LC 0,14-4 mm²	1-1105852-8	37
RSZ.HE/HA-LC 0,14-4 mm²	1-1105852-8	38
RSZ.HE-HN.D-HVT	1-1105851-8	34
RSZ.HE-HN.D-HVT	1-1105851-8	37
RSZ.HE-HN.D-HVT	1-1105851-8	38
RSZ.HSM-LC 0,14+2,5 mm²	1-1105870-8	40
RSZ.HSM-LC 4+10 mm²	2-1105870-8	40
RSZ.HSS-LC 10+16 mm²	2-1105652-8	41
RSZ.HSS-LC 6+25 mm²	1-1105652-8	41
SAHT W/OUT DIES	69710-1	43
SB.BG.3.SET	1-1106305-9	181
SB.BG.4.SET	1-1106306-9	181
SB.BG.6.SET	1-1106307-9	181
SB.BG.8.SET	1-1106308-9	181
SB.HSS.BG.8	1-1106309-9	181
Schellenset 10 mm	7-1106302-9	183
Schellenset 10 mm	7-1106302-9	213
Schellenset 4,5 mm	1-1106302-9	183
Schellenset 4,5 mm	1-1106302-9	213
Schellenset 5 mm	2-1106302-9	183
Schellenset 5 mm	2-1106302-9	213
Schellenset 6 mm	3-1106302-9	183
Schellenset 6 mm	3-1106302-9	213
Schellenset 7 mm	4-1106302-9	183
Schellenset 7 mm	4-1106302-9	213
Schellenset 8 mm	5-1106302-9	183
Schellenset 8 mm	5-1106302-9	213
Schellenset 9 mm	6-1106302-9	183
Schellenset 9 mm	6-1106302-9	213
Schirmschiene gerade	0-1110505-1	182
SDE ASHT 28-24 DYN D-3S	91565-1	33
SDE SAHT 16-14 DYN D-ZL	91560-1	33
SDE SAHT 20-16 DYN D-3L	91558-1	33
SDE SAHT 20-16 DYNAMIC D5-SS	91596-1	33
SDE SAHT 22-18 DYNAMIC D2-M	91595-1	33
SDE SAHT 24-20 DYN D-3M	91559-1	33
SDE SAHT 28-24 D-2S DYNAMIC	91576-1	33
SET CZ-HF.60.M	0-1110956-7	42
SET-Erdungsband 120 mm	2-1106303-9	183
SET-Erdungsband 120 mm	2-1106303-9	213
SET-Erdungsband 220 mm	3-1106303-9	183
SET-Erdungsband 220 mm	3-1106303-9	213
SET-Erdungsband 90 mm	1-1106303-9	183
SET-Erdungsband 90 mm	1-1106303-9	213
SET-HF.13/16-13.Bu	0-1110951-2	175
SET-HF.13/16-13.Sti	0-1110950-2	175
SET-HF.E-13.Bu	0-1110951-4	175
SET-HF.E-13.Sti	0-1110950-4	175
SET-Schrauben	1-1106304-9	183
SET-Schrauben	1-1106304-9	213
Sich-Stift.HVG.C	0-1110984-4	59
SKP.6	0-1110684-3	185
SKP.6.F	0-1106258-3	185
SKP.6/R	0-1110684-4	185
SKP.6/R.F	0-1106259-3	185
SKP.8	0-1110661-3	185
SKP.8.F	0-1106258-4	185
SKP.8/R	0-1110661-4	185
SKP.8/R.F	0-1106259-4	185
Socket Dia 2,5 (Sn) 0,2-0,4 mm² Loose	962976-1	36
Socket Dia 2,5 (Sn) 0,2-0,4 mm² Strip Form	929969-1	36
Socket Dia 2,5 (Sn) 0,5-1,0 mm² Loose	962977-1	36
Socket Dia 2,5 (Sn) 0,5-1,0 mm² Strip Form	929970-1	36
Socket Dia 2,5 (Sn) 1,0-2,5 mm² Strip Form	929971-1	36
Socket Dia 2,5 (Sn) 1,0-2,5 mm² Loose	962978-1	36
Socket Dia 2,5 (Sn) 2,5-4,0 mm² Loose	962979-1	36
Socket Dia 2,5 (Sn) 2,5-4,0mm² Strip Form	929972-1	36
Socket S 20 DF 0,08-0,2 AG Loose piece	1-66505-0	32
Socket S 20 DF 0,08-0,2 AG Strip Form	66505-4	32
Socket S 20 DF 0,08-0,2 Loose piece	66505-9	32
Socket S 20 DF 0,08-0,2 Strip Form	66505-3	32
Socket S 20 DF 0,2-0,6 AG Loose piece	1-66504-0	32
Socket S 20 DF 0,2-0,6 AG Strip Form	66504-4	32
Socket S 20 DF 0,2-0,6 Loose piece	66504-9	32
Socket S 20 DF 0,2-0,6 Strip Form	66504-3	32
SPB-M3	1-1106100-1	180
S-Schelle groß	0-1102081-1	182
S-Schelle klein	0-1102082-1	182
STR ACT DAHT MIN COAXICON	0-0045740-2	43
TDS.11.M	1-1106001-9	189
TDS.13.M	2-1106001-9	189
TDS.16.M	3-1106001-9	189
TDS.21.M	4-1106001-9	189
TDS.29.M	5-1106001-9	189
TDS.36.M	6-1106001-9	189
TDS.42.M	7-1106001-9	189
THURRED HEAD TYCO	523168-5	34
Turnet	523168-5	38
Turnet	523168-6	37
Turnet	523168-7	39
UP.M	1-1102975-9	177
„Ü-PG.11-NPT3/8“„“	1-1106066-8	192
„Ü-PG.13-NPT1/2“„“	2-1106066-8	192
„Ü-PG.16-NPT1/2“„“	3-1106066-8	192
„Ü-PG.21-NPT3/4“„“	4-1106066-8	192
„Ü-PG.36-NPT1.1/4“„“	6-1106066-8	192
ZE-HSB	0-1108723-1	178
ZW.ST.11.SKT-MS	1-1106057-4	191
ZW.ST.13.SKT-MS	2-1106057-4	191
ZW.ST.16.SKT-MS	3-1106057-4	191
ZW.ST.21.SKT-MS	4-1106057-4	191
ZW.ST.29.SKT-MS	5-1106057-4	191
ZW.ST.36.SKT-MS	6-1106057-4	191
ZW.ST.42.SKT-MS	7-1106057-4	191

Crossreferenz HTS – Tyco

HTS PN	Tyco PN	Seite	HTS PN	Tyco PN	Seite	HTS PN	Tyco PN	Seite	HTS PN	Tyco PN	Seite
32000002	1-1102975-9	177	41634881	1-1102179-2	154	42612480	1-1102343-6	143	43122433	2-1103640-9	168
33000002	1-1102978-9	177	41634897	1-1102181-2	154	42612496	1-1102345-6	143	43122441	2-1103640-3	168
41000041	1-1106100-1	180	41681000	2-1106206-7	184	42613281	1-1102362-6	162	43123541	2-1104012-3	134
41100300	1-1103400-1	45	41681600	2-1106208-7	184	42613297	1-1102364-6	162	43124841	2-1104016-3	134
41100400	1-1103402-1	45	41681600	2-1106208-7	184	42620679	1-1102253-2	75	43150019	1-1105100-1	37
41101000	1-1103414-1	60	41700377	1-1102112-2	50	42620695	1-1102255-2	75	43150020	2-1105100-1	37
41101600	1-1103416-1	100	41721069	1-1102133-2	65	42624881	1-1107001-2	173	43150021	3-1105100-1	37
41101600	1-1103416-1	152	41721669	1-1102152-2	105	42624882	1-1107005-2	173	43150022	4-1105100-1	37
41101600	1-1103416-1	166	42100662	1-1104204-1	113	42624897	1-1107003-2	173	43150023	5-1105100-1	37
41101627	1-1103416-7	152	42100662	1-1104204-1	156	42624898	1-1107007-2	173	43220018	6-1105301-1	38
41101627	1-1103416-7	166	42100663	1-1104206-1	156	42631079	1-1102274-2	93	43220019	1-1105301-1	38
41101628	1-1103416-8	152	42200662	1-1104205-1	113	42631095	1-1102276-2	93	43220020	2-1105301-1	38
41101628	1-1103416-8	166	42200662	1-1104205-1	156	42631680	1-1102299-2	121	43220021	3-1105301-1	38
41101629	1-1103416-9	166	42200663	1-1104207-1	156	42631696	1-1102301-2	121	43220022	4-1105301-1	38
41121040	2-1103414-3	60	42300669	1-1102243-7	73	42632480	1-1102331-2	146	43220023	5-1105301-1	38
41121627	2-1103416-7	152	42301069	1-1102267-6	87	42632496	1-1102333-2	146	43220640	1-1103635-1	66
41121627	2-1103416-7	166	42301070	1-1102270-6	87	42634881	1-1102391-2	173	43220641	2-1103635-3	66
41121640	2-1103416-3	100	42301670	1-1102295-6	115	42634882	1-1102395-2	173	43220841	2-1104002-3	68
41121640	2-1103416-3	152	42302470	1-1102325-6	140	42634897	1-1102393-2	173	43221040	1-1103637-1	81
41121640	2-1103416-3	166	42302471	1-1102328-6	140	42634898	1-1102397-2	173	43221041	2-1103637-3	81
41200300	1-1103401-1	45	42303271	1-1102351-6	160	42641079	1-1102286-2	94	43221441	2-1104006-3	83
41200400	1-1103403-1	45	42304871	1-1102382-7	172	42641095	1-1102288-2	94	43221626	1-1103639-1	155
41201000	1-1103415-1	60	42304872	1-1102385-7	172	42641680	1-1102308-2	122	43221631	2-1103639-9	155
41201600	1-1103417-1	100	42304873	1-1102388-7	172	42641696	1-1102310-2	122	43221641	2-1103639-3	106
41201600	1-1103417-1	152	42320669	1-1102240-7	73	42642480	1-1102343-2	146	43221641	2-1103639-3	155
41201600	1-1103417-1	166	42321069	1-1102261-6	87	42642496	1-1102345-2	146	43222341	2-1104010-3	108
41201627	1-1103417-7	152	42321070	1-1102264-6	87	42643281	1-1102362-2	164	43222433	2-1103641-9	168
41201627	1-1103417-7	166	42321670	1-1102292-6	115	42700669	1-1102258-2	76	43222440	1-1103641-1	168
41201628	1-1103417-8	152	42322470	1-1102316-6	139	42701069	1-1102279-1	89	43222441	2-1103641-3	168
41201628	1-1103417-8	166	42322471	1-1102319-6	139	42701070	1-1102282-1	89	43223541	2-1104014-3	134
41201629	1-1103417-9	166	42323271	1-1102348-6	160	42701670	1-1102304-1	117	43224841	2-1104018-3	134
41201629	1-1103417-9	166	42324871	1-1102373-7	172	42702470	1-1102336-1	141	43250019	1-1105101-1	37
41221040	2-1103415-3	60	42324872	1-1102376-7	172	42702471	1-1102339-1	141	43250020	2-1105101-1	37
41221627	2-1103417-7	152	42324873	1-1102379-7	172	42703271	1-1102359-1	161	43250021	3-1105101-1	37
41221627	2-1103417-7	166	42331005	0-1108713-1	79	42721069	1-1102279-2	94	43250022	4-1105101-1	37
41221640	2-1103417-3	100	42351670	1-1102295-1	118	42721070	1-1102282-2	94	43250023	5-1105101-1	37
41300377	1-1102101-7	49	42352470	1-1102325-1	142	42721670	1-1102304-2	122	43990400	1-1105850-8	34
41301069	1-1102120-7	63	42352471	1-1102328-1	142	42722470	1-1102336-2	147	43990400	1-1105850-8	35
41301669	1-1102139-7	103	42361069	1-1102267-1	90	42722471	1-1102339-2	147	43990400	1-1105850-8	37
41303270	1-1102158-6	130	42371069	1-1102261-1	90	42800669	1-1102240-3	77	43990400	1-1105850-8	38
41304871	1-1102175-7	153	42371670	1-1102292-1	118	42801069	1-1102261-3	96	43990400	1-1105850-8	39
41306471	1-1102027-7	167	42372470	1-1102316-1	142	42801670	1-1102292-3	123	43990400	1-1105850-8	40
41306472	1-1102030-7	167	42372471	1-1102319-1	142	42802470	1-1102316-3	148	43990400	1-1105850-8	41
41306473	1-1102033-7	167	42373271	1-1102348-1	162	42802471	1-1102319-3	148	43990410	1-1105851-8	34
41321069	1-1102117-7	63	42401069	1-1102267-7	92	42803271	1-1102348-3	165	43990410	1-1105851-8	37
41321669	1-1102136-7	103	42401670	1-1102295-7	120	42850600	1-1102244-8	77	43990410	1-1105851-8	38
41323270	1-1102155-6	130	42402470	1-1102325-7	145	42851000	1-1102271-8	96	43990412	1-1105652-8	41
41324871	1-1102172-7	153	42402471	1-1102328-7	145	42851600	1-1102296-8	123	43990413	2-1105652-8	41
41326471	1-1102002-7	167	42403271	1-1102351-7	163	42852400	1-1102291-8	149	43990414	1-1105852-8	34
41326472	1-1102005-7	167	42421069	1-1102261-7	92	42853200	1-1102352-8	165	43990414	1-1105852-8	37
41326473	1-1102008-7	167	42421670	1-1102292-7	120	42860679	1-1102249-8	78	43990414	1-1105852-8	38
41330377	1-1102103-7	49	42422470	1-1102316-7	144	42860695	1-1102251-8	78	47000011	1-1106001-9	189
41353270	1-1102158-1	131	42422471	1-1102319-7	144	42861079	1-1102274-8	97	47000013	2-1106001-9	189
41373270	1-1102155-1	131	42423271	1-1102348-7	163	42861095	1-1102276-8	97	47000016	3-1106001-9	189
41500300	1-1102105-2	49	42500600	1-1102244-2	74	42861680	1-1102299-8	124	47000021	4-1106001-9	189
41501000	1-1102121-2	64	42501000	1-1102271-1	88	42861696	1-1102301-8	124	47000029	5-1106001-9	189
41501600	1-1102140-2	104	42501600	1-1102296-1	116	42862480	1-1102331-8	149	47000036	6-1106001-9	189
41503200	1-1102160-1	130	42502400	1-1102291-1	140	42862496	1-1102333-8	149	47000042	7-1106001-9	189
41513200	1-1102165-1	131	42503200	1-1102352-1	160	42863281	1-1102354-8	165	47001113	1-1106058-5	192
41520300	1-1102106-2	49	42511000	1-1102283-6	91	42863297	1-1102356-8	165	47001116	7-1106058-5	192
41521000	1-1102122-2	64	42511600	1-1102305-6	119	42900669	1-1102205-3	77	47001316	2-1106058-5	192
41521600	1-1102141-2	104	42512400	1-1102340-6	143	42901080	1-1102211-3	96	47001321	8-1106058-5	192
41524800	1-1102177-2	153	42513200	1-1102360-6	162	42901670	1-1102220-3	123	47001621	3-1106058-5	192
41526400	1-1102009-2	167	42520600	1-1102246-2	74	42902470	1-1102229-3	148	47002129	4-1106058-5	192
41534800	1-1102176-2	153	42524800	1-1102389-2	173	42902471	1-1102232-3	148	47002936	5-1106058-5	192
41550300	1-1102107-2	49	42531000	1-1102271-2	93	42911069	1-1102211-6	87	47010011	1-1106066-8	192
41550367	1-1102110-2	50	42531600	1-1102296-2	121	42911070	1-1102214-6	87	47010013	2-1106066-8	192
41550377	1-1102109-2	50	42532400	1-1102291-2	145	42911670	1-1102220-6	115	47010016	3-1106066-8	192
41590379	1-1102114-2	50	42533200	1-1102352-2	164	42931069	1-1102211-1	90	47010021	4-1106066-8	192
41601079	1-1102124-2	64	42541000	1-1102283-2	93	43120018	6-1105300-1	38	47010036	6-1106066-8	192
41601095	1-1102126-2	64	42541600	1-1102305-2	121	43120019	1-1105300-1	38	47041309	8-1106062-6	192
41601679	1-1102143-2	104	42542400	1-1102340-2	145	43120020	2-1105300-1	38	47041311	2-1106062-6	192
41601695	1-1102145-2	104	42543200	1-1102360-2	164	43120021	3-1105300-1	38	47041611	9-1106062-6	192
41603280	1-1102162-1	130	42600679	1-1102249-2	74	43120022	4-1105300-1	38	47041613	3-1106062-6	192
41603296	1-1102164-1	130	42600695	1-1102251-2	74	43120023	5-1105300-1	38	47042113	0-1106062-6	192
41613280	1-1102167-1	131	42601079	1-1102274-1	88	43120640	1-1103634-1	66	47042116	4-1106062-6	192
41613296	1-1102169-1	131	42601095	1-1102276-1	88	43120641	2-1103634-3	66	47042916	0-1106062-7	192
41621079	1-1102128-2	65	42601680	1-1102299-1	116	43120841	2-1104000-3	68	47042921	5-1106062-6	192
41621095	1-1102130-2	65	42601696	1-1102301-1	116	43121040	1-1103636-1	81	47043621	1-1106062-7	192
41621679	1-1102147-2	105	42602480	1-1102331-1	141	43121041	2-1103636-3	81	47043629	6-1106062-6	192
41621695	1-1102149-2	105	42602496	1-1102333-1	141	43121441	2-1104004-3	83	47050011	1-1106050-1	193
41624881	1-1102183-2	154	42603281	1-1102354-1	161	43121626	1-1103638-1	155	47050013	2-1106050-1	193
41624897	1-1102185-2	154	42603297	1-1102356-1	161	43121640	1-1103638-1	106	47050016	3-1106050-1	193
41626481	1-1102011-2	167	42611079	1-1102286-6	91	43121641	2-1103638-3	106	47050021	4-1106050-1	193
41626482	1-1102015-2	167	42611095	1-1102288-6	91	43121641	2-1103638-3	155	47050029	5-1106050-1	193
41626497	1-1102013-2	167	42611680	1-1102308-6	119	43122341	2-1104008-3	108	47050036	6-1106050-1	193
41626498	1-1102017-2	167	42611696	1-1102310-6	119	43122428	1-1103640-1	168	47050042	7-1106050-1	193

Crossreferenz HTS – Tyco

HTS PN	Tyco PN	Seite	HTS PN	Tyco PN	Seite	HTS PN	Tyco PN	Seite	HTS PN	Tyco PN	Seite
47070016	3-1106051-1	193	49302470	1-1102502-6	87	49634081	1-1102579-2	121	68692400	3-1106202-5	185
47070021	4-1106051-1	193	49302471	1-1102505-6	87	49634096	1-1102577-2	121	68694000	3-1106203-5	126
47070029	5-1106051-1	193	49302569	1-1102536-7	103	49634097	1-1102581-2	121	68694000	3-1106203-5	185
47080011	1-1106052-1	193	49302570	1-1102539-7	103	49636480	1-1103346-2	146	68696400	3-1106204-5	151
47080021	4-1106052-1	193	49304070	1-1102570-6	116	49636481	1-1103350-2	146	68696400	3-1106204-5	185
47080036	6-1106052-1	193	49304071	1-1102573-6	116	49636496	1-1103348-2	146	68906472	1-1102623-5	150
47080042	7-1106052-1	193	49306470	1-1103341-6	140	49636497	1-1103352-2	146	70160145	0-1108600-1	43
47120011	1-1106005-7	190	49306471	1-1103344-6	140	49642481	1-1102525-2	94	70165845	1-1105350-1	43
47120013	2-1106005-7	190	49321569	1-1102427-7	63	49642496	1-1102523-2	94	70165945	2-1105350-1	43
47120016	3-1106005-7	190	49321570	1-1102430-7	63	49642497	1-1102527-2	94	70260145	0-1108601-1	43
47120021	4-1106005-7	190	49321670	1-1102461-7	73	49644080	1-1102589-2	122	70265845	1-1105351-1	43
47120029	5-1106005-7	190	49322470	1-1102496-6	87	49644081	1-1102593-2	122	70265945	2-1105351-1	43
47120036	6-1106005-7	190	49322471	1-1102499-6	87	49644096	1-1102591-2	122	432216440	1-1103639-1	106
47120042	7-1106005-7	190	49322569	1-1102530-7	103	49644097	1-1102595-2	122	442680600	5-1106207-7	184
47300011	1-1106004-9	189	49322570	1-1102533-7	103	49646480	1-1103360-2	146	442681000	5-1106213-6	184
47300013	2-1106004-9	189	49324070	1-1102564-6	115	49646481	1-1103364-2	146	449300777	1-1102416-7	51
47300016	3-1106004-9	189	49324071	1-1102567-6	115	49646496	1-1103362-2	146	449330777	1-1102418-7	51
47300021	4-1106004-9	189	49326470	1-1103336-6	139	49646497	1-1103366-2	146	449500700	1-1102419-2	51
47300029	5-1106004-9	189	49326471	1-1103338-6	139	49701670	1-1102489-2	76	449550700	1-1102420-2	52
47300036	6-1106004-9	189	49354070	1-1102570-1	118	49704070	1-1102584-1	117	449550777	1-1102422-2	52
47300042	7-1106004-9	189	49354071	1-1102573-1	118	49704071	1-1102587-1	117	449700777	1-1102424-2	52
47500011	1-1106006-9	190	49356470	1-1103341-1	142	49706470	1-1103355-1	141	749151701	1-1105000-3	35
47500013	2-1106006-9	190	49356471	1-1103344-1	142	49706471	1-1103358-1	141	749151702	1-1105000-2	35
47500016	3-1106006-9	190	49362471	1-1102505-1	90	49721569	1-1102455-2	65	749151901	2-1105000-3	35
47500021	4-1106006-9	190	49372470	1-1102496-1	90	49721570	1-1102458-2	65	749151902	3-1105000-2	35
47500029	5-1106006-9	190	49372471	1-1102499-1	90	49722471	1-1102519-2	94	749152101	4-1105000-3	35
47500036	6-1106006-9	190	49374070	1-1102564-1	118	49722570	1-1102561-2	105	749251701	1-1105001-3	35
47500042	7-1106006-9	190	49374071	1-1102567-1	118	49724070	1-1102584-2	122	749251901	2-1105001-3	35
47700011	1-1106053-1	193	49376470	1-1103336-1	142	49724071	1-1102587-2	122	749252101	4-1105001-3	35
47700013	2-1106053-1	193	49376471	1-1103338-1	142	49726470	1-1103355-2	147	1643120018	6-1105300-2	38
47700016	3-1106053-1	193	49402470	1-1102502-7	92	49726471	1-1103358-2	147	1643120019	1-1105300-2	38
47700021	4-1106053-1	193	49402471	1-1102505-7	92	49801670	1-1102461-3	77	1643120020	2-1105300-2	38
47700029	5-1106053-1	193	49404070	1-1102570-7	120	49802470	1-1102496-3	96	1643120021	3-1105300-2	38
47700036	6-1106053-1	193	49404071	1-1102573-7	120	49802471	1-1102499-3	96	1643120022	4-1105300-2	38
47700042	7-1106053-1	193	49406470	1-1103341-7	145	49804070	1-1102564-3	123	1643120023	5-1105300-2	38
47710011	1-1106053-2	193	49406471	1-1103344-7	145	49804071	1-1102567-3	123	1643150019	1-1105100-2	37
47710013	2-1106053-2	193	49422470	1-1102496-7	92	49806470	1-1103336-3	148	1643150020	2-1105100-2	37
47710029	5-1106053-2	193	49424070	1-1102564-7	120	49806471	1-1103338-3	148	1643150021	3-1105100-2	37
47710042	7-1106053-2	193	49424071	1-1102567-7	120	49861680	1-1102472-8	78	1643150022	4-1105100-2	37
47900011	1-1106056-3	191	49426470	1-1103336-7	144	49861696	1-1102474-8	78	1643150023	5-1105100-2	37
47900013	2-1106056-3	191	49426471	1-1103338-7	144	49862481	1-1102511-8	97	1643220018	6-1105301-2	38
47900016	3-1106056-3	191	49601579	1-1102438-2	64	49862497	1-1102513-8	97	1643220019	1-1105301-2	38
47900021	4-1106056-3	191	49601580	1-1102442-2	64	49866480	1-1103346-8	149	1643220020	2-1105301-2	38
47900029	5-1106056-3	191	49601595	1-1102440-2	64	49866481	1-1103350-8	149	1643220021	3-1105301-2	38
47900036	6-1106056-3	191	49601596	1-1102444-2	64	49866497	1-1103352-8	149	1643220022	4-1105301-2	38
47900042	7-1106056-3	191	49601680	1-1102472-2	75	49906471	1-1102405-3	148	1643220023	5-1105301-2	38
47950011	1-1106057-4	191	49601696	1-1102474-2	75	49906472	1-1102408-3	148	1643250019	1-1105101-2	37
47950013	2-1106057-4	191	49602480	1-1102507-1	88	66122429	1-1103640-9	168	1643250020	2-1105101-2	37
47950016	3-1106057-4	191	49602481	1-1102511-1	88	66222429	1-1103641-9	168	1643250021	3-1105101-2	37
47950021	4-1106057-4	191	49602496	1-1102509-1	88	68300367	1-1102600-5	53	1643250022	4-1105101-2	37
47950029	5-1106057-4	191	49602497	1-1102513-1	88	68301669	1-1102635-5	79	1643250023	5-1105101-2	37
47950036	6-1106057-4	191	49602579	1-1102541-2	104	68302469	1-1102644-5	98	1649150019	2-1105050-2	34
47950042	7-1106057-4	191	49602580	1-1102545-2	104	68302470	1-1102646-5	98	1649150020	3-1105050-2	34
47990011	1-1106055-2	191	49602595	1-1102543-2	104	68304070	1-1102653-5	125	1649150021	4-1105050-2	34
47990013	2-1106055-2	191	49602596	1-1102547-2	104	68304071	1-1102655-5	125	1649150022	5-1105050-2	34
47990016	3-1106055-2	191	49604080	1-1102575-1	116	68306470	1-1102662-5	150	1649250018	1-1105051-2	34
47990021	4-1106055-2	191	49604081	1-1102579-1	116	68306471	1-1102664-5	150	1649250019	2-1105051-2	34
47990029	5-1106055-2	191	49604096	1-1102577-1	116	68321669	1-1102631-5	79	1649250020	3-1105051-2	34
47990036	6-1106055-2	191	49604097	1-1102581-1	116	68322469	1-1102640-5	98	1649250021	4-1105051-2	34
47990042	7-1106055-2	191	49606480	1-1103346-1	141	68322470	1-1102642-5	98	1649250022	5-1105051-2	34
49120741	2-1103002-3	48	49606481	1-1103350-1	141	68324070	1-1102649-5	125	2149120024	2-1103200-3	70
49121541	2-1103004-3	62	49606496	1-1103348-1	141	68324071	1-1102651-5	125	2149120042	2-1103204-3	85
49121641	2-1103006-3	69	49606497	1-1103352-1	141	68326470	1-1102658-5	150	2149120072	2-1103208-3	109
49122441	2-1103008-3	84	49612496	1-1102523-6	91	68326471	1-1102660-5	150	2149120072	2-1103208-3	157
49122541	2-1103010-3	102	49614080	1-1102589-6	119	68500300	1-1102603-5	53	2149120108	2-1103216-3	135
49122541	2-1103010-3	129	49614081	1-1102593-6	119	68501600	1-1102638-5	79	2149120108	2-1103216-3	169
49124041	2-1103012-3	110	49614096	1-1102591-6	119	68502400	1-1102647-5	98	2149120841	2-1103104-3	47
49124041	2-1103012-3	158	49614097	1-1102595-6	119	68504000	1-1102656-5	125	2149121541	2-1103106-3	61
49126441	2-1103032-3	136	49616480	1-1103360-6	143	68506400	1-1102665-5	151	2149122541	2-1103108-3	101
49126441	2-1103032-3	170	49616481	1-1103364-6	143	68530300	1-1102602-5	53	2149122541	2-1103108-3	128
49170051	1-1106102-1	180	49616496	1-1103362-6	143	68550367	1-1102601-5	54	2149124041	2-1103110-3	109
49180050	1-1106107-1	179	49616497	1-1103366-6	143	68551600	1-1102606-5	79	2149124041	2-1103110-3	157
49220741	2-1103003-3	48	49621579	1-1102446-2	65	68552400	1-1102612-5	99	2149126441	2-1103112-3	135
49221541	2-1103005-3	62	49621580	1-1102450-2	65	68554000	1-1102618-5	125	2149126441	2-1103112-3	169
49221641	2-1103007-3	69	49621595	1-1102448-2	65	68556400	1-1102626-5	151	2149130072	2-1103209-3	157
49222441	2-1103009-3	84	49621596	1-1102452-2	65	68601679	1-1102604-5	80	2149130108	2-1103217-3	169
49222541	2-1103011-3	102	49621680	1-1102480-2	75	68601695	1-1102605-5	80	2149150018	1-1105050-1	34
49222541	2-1103011-3	129	49621696	1-1102482-2	75	68602480	1-1102610-5	99	2149220024	2-1103202-3	70
49224041	2-1103013-3	110	49622579	1-1102549-2	105	68602496	1-1102611-5	99	2149220042	2-1103206-3	85
49224041	2-1103013-3	158	49622580	1-1102553-2	105	68604080	1-1102616-5	126	2149220072	2-1103212-3	109
49226441	2-1103033-3	136	49622595	1-1102551-2	105	68604096	1-1102617-5	126	2149220072	2-1103212-3	157
49226441	2-1103033-3	170	49622596	1-1102555-2	105	68606481	1-1102624-5	151	2149220108	2-1103220-3	135
49270051	1-1106101-1	180	49632480	1-1102507-2	93	68606497	1-1102625-5	151	2149220108	2-1103220-3	169
49280050	1-1106109-1	179	49632481	1-1102511-2	93	68690300	3-1106200-5	54	2149220741	2-1103103-3	47
49301569	1-1102433-7	63	49632496	1-1102509-2	93	68691600	3-1106201-5	80	2149220841	2-1103105-3	47
49301570	1-1102436-7	63	49632497	1-1102513-2	93	68691600	3-1106201-5	185	2149221541	2-1103107-3	61
49301670	1-1102467-7	74	49634080	1-1102575-2	121	68692400	3-1106202-5	99	2149222541	2-1103109-3	101

Crossreferenz HTS – Tyco

HTS PN	Tyco PN	Seite	HTS PN	Tyco PN	Seite	HTS PN	Tyco PN	Seite	HTS PN	Tyco PN	Seite
2149222541	2-1103109-3	128	5142641095	2-1102288-2	94	5149636481	2-1103350-2	146	5169604080	4-1102726-5	126
2149224041	2-1103111-3	109	5142641680	2-1102308-2	122	5149642480	2-1102521-2	94	5169604096	4-1102727-5	126
2149224041	2-1103111-3	157	5142641696	2-1102310-2	122	5149642481	2-1102525-2	94	5169606481	4-1102734-5	151
2149226441	2-1103113-3	135	5142642480	2-1102343-2	146	5149642497	2-1102527-2	94	5169606497	4-1102735-5	151
2149226441	2-1103113-3	169	5142700669	2-1102258-2	76	5149644080	2-1102589-2	122	5169906471	4-1102732-5	150
2149230072	2-1103213-3	157	5142701069	2-1102279-1	89	5149644081	2-1102593-2	122	5169906472	4-1102733-5	150
2149230108	2-1103221-3	169	5142701670	2-1102304-1	117	5149644096	2-1102591-2	122	9000001197	1-1106302-9	183
2149250018	1-1105051-1	34	5142702470	2-1102336-1	141	5149644097	2-1102595-2	122	9000001197	1-1106302-9	213
2149250019	2-1105051-1	34	5142800669	2-1102240-3	77	5149646481	2-1103364-2	146	9000001198	2-1106302-9	183
2149250020	3-1105051-1	34	5142801069	2-1102261-3	96	5149701670	2-1102489-2	76	9000001198	2-1106302-9	213
2149250021	4-1105051-1	34	5142801670	2-1102292-3	123	5149704071	2-1102587-1	117	9000001199	3-1106302-9	183
2149250022	5-1105051-1	34	5142802470	2-1102316-3	148	5149722471	2-1102519-2	94	9000001199	3-1106302-9	213
5141300377	2-1102101-7	49	5142803271	2-1102348-3	165	5149801670	2-1102461-3	77	9000001200	4-1106302-9	183
5141500300	2-1102105-2	49	5142804873	2-1102234-3	174	5149802470	2-1102496-3	96	9000001200	4-1106302-9	213
5141501000	2-1102121-2	64	5142804874	2-1102236-3	174	5149802471	2-1102499-3	96	9000001201	5-1106302-9	183
5141550300	2-1102107-2	49	5142850600	2-1102244-8	77	5149804070	2-1102564-3	123	9000001201	5-1106302-9	213
5142300669	2-1102243-7	73	5142851000	2-1102271-8	96	5149804071	2-1102567-3	123	9000001202	6-1106302-9	183
5142301069	2-1102267-6	87	5142851600	2-1102296-8	123	5149806471	2-1103338-3	148	9000001202	6-1106302-9	213
5142301070	2-1102270-6	87	5142852400	2-1102291-8	149	5149861680	2-1102472-8	78	9000001203	7-1106302-9	183
5142301670	2-1102295-6	115	5142853200	2-1102352-8	165	5149861696	2-1102474-8	78	9000001203	7-1106302-9	213
5142302470	2-1102325-6	140	5142854800	2-1102237-8	174	5149862481	2-1102511-8	97	9000001204	1-1106303-9	183
5142302471	2-1102328-6	140	5142860679	2-1102249-8	78	5149862497	2-1102513-8	97	9000001204	1-1106303-9	213
5142303271	2-1102351-6	160	5142860695	2-1102251-8	78	5149866481	2-1103350-8	149	9000001205	1-1106304-9	183
5142304872	2-1102385-7	172	5142861079	2-1102274-8	97	5149866497	2-1103352-8	149	9000001205	1-1106304-9	213
5142320669	2-1102240-7	73	5142861095	2-1102276-8	97	5149906472	2-1102408-3	148	9000001457	1-1106301-9	182
5142321069	2-1102261-6	87	5142861680	2-1102299-8	124	5168300367	2-1102600-5	53	9000001533	2-1106303-9	183
5142321070	2-1102264-6	87	5142861696	2-1102301-8	124	5168301669	2-1102635-5	79	9000001533	2-1106303-9	213
5142321670	2-1102292-6	115	5142862480	2-1102331-8	149	5168301670	2-1102637-5	79	9000001583	0-1110505-1	182
5142322470	2-1102316-6	139	5142900669	2-1102205-3	77	5168302469	2-1102644-5	98	9000001585	0-1102081-1	182
5142322471	2-1102319-6	139	5142901080	2-1102211-3	96	5168304071	2-1102655-5	125	9000001656	3-1106303-9	183
5142323271	2-1102348-6	160	5142901670	2-1102220-3	123	5168306471	2-1102664-5	150	9000001656	3-1106303-9	213
5142324872	2-1102376-7	172	5142902471	2-1102232-3	148	5168321669	2-1102631-5	79	9000002146	0-1102082-1	182
5142361069	2-1102267-1	90	5142910669	2-1102205-7	73	5168321670	2-1102633-5	79	9041001219	0-1107196-1	186
5142371069	2-1102261-1	90	5142911069	2-1102211-6	87	5168322470	2-1102642-5	98	9041001220	0-1107196-2	186
5142372471	2-1102319-1	142	5142911070	2-1102214-6	87	5168324071	2-1102651-5	125	9041001221	0-1107196-3	186
5142401069	2-1102267-7	92	5142921069	2-1102211-7	92	5168326471	2-1102660-5	150	9041001222	0-1107197-1	186
5142401670	2-1102295-7	120	5149301670	2-1102467-7	74	5168500300	2-1102603-5	53	9041001223	0-1107197-2	186
5142402471	2-1102328-7	145	5149302470	2-1102502-6	87	5168501600	2-1102638-5	79	9041001224	0-1107197-3	186
5142403271	2-1102351-7	163	5149302471	2-1102505-6	87	5168502400	2-1102647-5	98	9041001328	2-1103100-3	47
5142421005	2-1102259-7	92	5149304070	2-1102570-6	116	5168504000	2-1102656-5	125	9041001329	2-1103101-3	47
5142421069	2-1102261-7	92	5149304071	2-1102573-6	116	5168506400	2-1102665-5	151	9041001330	2-1103000-3	48
5142421670	2-1102292-7	120	5149306470	2-1103341-6	140	5168516400	2-1102628-5	151	9041001331	2-1103001-3	48
5142422470	2-1102316-7	144	5149306471	2-1103344-6	140	5168530300	2-1102602-5	53	9043001534	2-1104200-3	137
5142422471	2-1102319-7	144	5149320871	2-1102411-6	139	5168550367	2-1102601-5	54	9043001535	2-1104202-3	137
5142423271	2-1102348-7	163	5149320872	2-1102414-6	140	5168551600	2-1102606-5	79	9043001550	3-1105150-1	41
5142500600	2-1102244-2	74	5149321670	2-1102461-7	73	5168552400	2-1102612-5	99	9043001551	4-1105150-1	41
5142501000	2-1102271-1	88	5149322470	2-1102496-6	87	5168554000	2-1102618-5	125	9043001552	5-1105150-1	41
5142501600	2-1102296-1	116	5149322471	2-1102499-6	87	5168556400	2-1102626-5	151	9043001553	3-1105151-1	41
5142502400	2-1102291-1	140	5149324070	2-1102564-6	115	5168601679	2-1102604-5	80	9043001554	4-1105151-1	41
5142503200	2-1102352-1	160	5149324071	2-1102567-6	115	5168601695	2-1102605-5	80	9043001555	5-1105151-1	41
5142511000	2-1102283-6	91	5149326470	2-1103336-6	139	5168602496	2-1102611-5	99	9043001622	1-1105653-8	41
5142511600	2-1102305-6	119	5149326471	2-1103338-6	139	5168604096	2-1102617-5	126	9043001622	1-1105653-8	42
5142512400	2-1102340-6	143	5149354070	2-1102570-1	118	5168606496	2-1102625-5	151	9043001640	3-1105150-2	41
5142513200	2-1102360-6	162	5149356471	2-1103344-1	142	5168690300	4-1106200-5	54	9043001641	4-1105150-2	41
5142520600	2-1102246-2	74	5149362470	2-1102502-1	90	5168691600	4-1106201-5	80	9043001642	5-1105150-2	41
5142524800	2-1102389-2	173	5149362471	2-1102505-1	90	5168691600	4-1106201-5	80	9043001643	3-1105151-2	41
5142531000	2-1102271-2	93	5149372470	2-1102496-1	90	5168691600	4-1106201-5	185	9043001644	4-1105151-2	41
5142531600	2-1102296-2	121	5149372471	2-1102499-1	90	5168692400	4-1106202-5	99	9043001645	5-1105151-2	41
5142532400	2-1102291-2	145	5149374070	2-1102564-1	118	5168692400	4-1106202-5	185	9043001675	7-1103640-1	168
5142533200	2-1102352-2	164	5149374071	2-1102567-1	118	5168694000	4-1106203-5	126	9043001676	7-1103641-1	168
5142541000	2-1102283-2	93	5149376471	2-1103338-1	142	5168694000	4-1106203-5	185	9043001949	4-1105250-1	40
5142541600	2-1102305-2	121	5149402471	2-1102505-7	92	5168696400	4-1106204-5	151	9043001950	5-1105250-1	40
5142542400	2-1102340-2	145	5149404070	2-1102570-7	120	5168696400	4-1106204-5	185	9043001951	6-1105250-1	40
5142543200	2-1102360-2	164	5149406471	2-1103344-7	145	5168906471	2-1102622-5	150	9043001955	4-1105251-1	40
5142600679	2-1102249-2	74	5149422470	2-1102496-7	92	5168906471	2-1102622-5	150	9043001956	5-1105251-1	40
5142600695	2-1102251-2	74	5149424070	2-1102564-7	120	5168906472	2-1102623-5	150	9043001957	6-1105251-1	40
5142601079	2-1102274-1	88	5149424071	2-1102567-7	120	5168906472	2-1102623-5	150	9043002220	2-1105250-1	40
5142601095	2-1102276-1	88	5149426471	2-1103338-7	144	5169300367	4-1102700-5	53	9043002221	2-1105251-1	40
5142601680	2-1102299-1	116	5149601680	2-1102472-2	75	5169301669	4-1102706-5	79	9043002222	3-1105250-1	40
5142601696	2-1102301-1	116	5149601696	2-1102474-2	75	5169302470	4-1102715-5	98	9043002223	3-1105251-1	40
5142602480	2-1102331-1	141	5149602480	2-1102507-1	88	5169304071	4-1102725-5	125	9043002286	1-1105250-1	40
5142602496	2-1102333-1	141	5149602481	2-1102511-1	88	5169321669	4-1102704-5	79	9043002287	1-1105251-1	40
5142603281	2-1102354-1	161	5149602496	2-1102509-1	88	5169322470	4-1102714-5	98	9049000838	0-1108741-3	184
5142603297	2-1102356-1	161	5149604080	2-1102575-1	116	5169324071	4-1102723-5	125	9049001724	1-1102411-6	139
5142611079	2-1102286-6	91	5149604081	2-1102579-1	116	5169326471	4-1102755-5	150	9049001788	1-1102414-6	140
5142611680	2-1102308-6	119	5149604096	2-1102577-1	116	5169500300	4-1102703-5	53	9068001670	0-1108533-1	151
5142611696	2-1102310-6	119	5149606480	2-1103346-1	141	5169501600	4-1102710-5	79	9068001674	0-1108534-1	125
5142612480	2-1102343-6	143	5149606481	2-1103350-1	141	5169502400	4-1102718-5	98			
5142620679	2-1102253-2	75	5149606496	2-1103348-1	141	5169504000	4-1102728-5	125			
5142620695	2-1102255-2	75	5149606497	2-1103352-1	141	5169506400	4-1102760-5	151			
5142624882	2-1107005-2	173	5149612497	2-1102527-6	91	5169530300	4-1102702-5	53			
5142624898	2-1107007-2	173	5149614080	2-1102589-6	119	5169550367	4-1102701-5	54			
5142631079	2-1102274-2	93	5149614096	2-1102591-6	119	5169551600	4-1102712-5	79			
5142632480	2-1102331-2	146	5149616481	2-1103364-6	143	5169552400	4-1102720-5	99			
5142634882	2-1102395-2	173	5149621680	2-1102480-2	75	5169554000	4-1102730-5	125			
5142634898	2-1102397-2	173	5149621696	2-1102482-2	75	5169556400	4-1102736-5	151			
5142641079	2-1102286-2	94	5149634080	2-1102575-2	121	5169602496	4-1102717-5	99			

Ihre Notizen/*Your comments:*

Ihre Notizen/*Your comments:*

Ihre Notizen/*Your comments:*

Ihre Notizen/*Your comments:*

Ihre Notizen/*Your comments:*

FOR MORE INFORMATION

te.com/products/HTS

TE Technical Support Center

Internet:	te.com/help
USA:	+1 (800) 522-6752
Canada:	+1 (905) 475-6222
Mexico	+52 (0) 55-1106-0800
Latin/S. America:	+54 (0) 11-4733-2200
Germany:	+49 (0) 6251-133-1999
UK:	+44 (0) 800-267666
France:	+33 (0) 1-3420-8686
Netherlands:	+31 (0) 73-6246-999
China:	+86 (0) 400-820-6015

Part numbers in this brochure are RoHS Compliant*, unless marked otherwise.
*as defined www.te.com/leadfree

te.com

889745-2 CIS WR 08/2011

TE connectivity