Han® Hoods and Housings

Contents	Page
Hoods/Housings, metal Han® 3 A	**31.4**
Hoods/Housings, thermoplastic Han® 3 A	**31.10**
Standard hoods/housings Han® 10-32 A	**31.16**
Standard hoods/housings Han® B	**31.26**
Han® Easy Hood hoods/housings	**31.73**
Han-Drive® hoods/housings	**31.77**
Han® 3 M hoods/housings	**31.80**
Han® M hoods/housings	**31.84**
Han® 3 EMC hoods/housings	**31.97**
Han® EMC hoods/housings	**31.101**
Han® EMC/B hoods/housings	**31.108**
Han® 3 HPR hoods/housings	**31.118**
Han® HPR hoods/housings	**31.127**
Han-INOX® hoods/housings	**31.146**

Type of hoods/housings

Han® 3 A Standard Hoods/Housings
Metal hoods/housings for industrial applications

Material	zinc die-cast
Colour	RAL 7037 (grey)
Surface	powder-coated
Locking element	steel, zinc-plated
Lever type	lever, metal
Hoods/Housings seal	NBR
Limiting temperatures	-40 °C ... +125 °C
Flammability acc. to UL 94	V 0
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP44 IP67 is achieved with seal screw 09 20 000 9918

Han-Drive® Housings for motor applications

Material	aluminium die-cast
Colour	non coloured / RAL 7037 (grey)
Surface	electrical conductive / powder-coated / unpainted
Locking element	stainless steel
Lever type	Han-Easy Lock®
Hoods/Housings seal	NBR
Limiting temperatures	-40 °C ... +125 °C
Approval acc. to UL 50	NEMA Type 4/4X/12
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP65

Han® 3 A Hoods/Housings
Plastic hoods/housings for industrial applications

Material	polycarbonate
Colour	RAL 7032 (light grey) / RAL 9005 (black)
Locking element	polyamide
Lever type	lever, plastic
Hoods/Housings seal	NBR
Limiting temperatures	-40 °C ... +125 °C
Approval acc. to UL 50	NEMA Type 4/4X/12
Flammability acc. to UL 94	V 0
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP44 IP67 is achieved with seal screw 09 20 000 9918

Han® 3 M Hoods/Housings
Hoods/Housings for higher environmental requirements

Material	zinc die-cast
Colour	RAL 9005 (black)
Surface - Top coat	epoxy powder paint
Locking element	stainless steel
Lever type	lever, metal
Hoods/Housings seal	FPM
Limiting temperatures	-40 °C ... +125 °C
Corrosion resistance	ASTM B117-09 (500 h)
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP44 IP67 is achieved with seal screw 09 20 000 9918

Han® Standard Hoods/Housings
Metal hoods/housings for industrial applications

Material	aluminium die-cast
Colour	RAL 7037 (grey)
Surface	powder-coated
Locking element	stainless steel
Lever type	Han-Easy Lock®
Hoods/Housings seal	NBR
Limiting temperatures	-40 °C ... +125 °C
Approval acc. to UL 50	NEMA Type 4/4X/12
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP65

Han® M Hoods/Housings
Hoods/Housings for higher environmental requirements

Material	aluminium die-cast
Colour	RAL 9005 (black)
Surface - Top coat	epoxy powder paint
Locking element	stainless steel
Lever type	lever, metal
Hoods/Housings seal	FPM
Limiting temperatures	-40 °C ... +125 °C
Approval acc. to UL 50	NEMA Type 4/4X/12
Corrosion resistance	ASTM B117-09 (500 h)
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP65

Type of hoods/housings

Han® 3 EMC Hoods/Housings
Hoods/Housings for higher EMC requirements

Material	zinc die-cast
Colour	non coloured
Surface	electrical conductive
Locking element	steel, zinc-plated
Lever type	lever, metal
Hoods/Housings seal	NBR
Limiting temperatures	-40 °C ... +125 °C
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP44 IP67 is achieved with seal screw 09 20 000 9918

Han® EMC Hoods/Housings
Hoods/Housings for higher EMC requirements

Material	aluminium die-cast
Colour	non coloured
Surface	electrical conductive
Locking element	
- Screw locking	M5
- Material	stainless steel
- Tightening torque	3 Nm
Hoods/Housings seal	NBR
Limiting temperatures	-40 °C ... +125 °C
Approval acc. to UL 50	NEMA Type 4/4X/12
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP65

Han® EMC/B Hoods/Housings
Hoods/Housings for higher EMC requirements

Material	
- Hoods/Housings	aluminium die-cast
- shielded frames	zinc die-cast alloy
Colour	non coloured
Surface	
- Hoods/Housings	electrical conductive
- shielded frames	electrical conductive
Locking element	stainless steel
Lever type	Han-Easy Lock®
Hoods/Housings seal	NBR
Limiting temperatures	-40 °C ... +125 °C
Approval acc. to UL 50	NEMA Type 4/4X/12
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP65

Han-INOX® Hoods/Housings
for higher corrosion requirements

Material	stainless steel
Colour	non coloured
Surface	electrical conductive
Locking element	stainless steel
Lever type	lever, metal
Hoods/Housings seal	NBR
Limiting temperatures	-40 °C ... +125 °C
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP65
- Size Han® 3 A	IP44 IP67 is achieved with seal screw 09 20 000 9918

Han® 3 HPR Hoods/Housings
Hoods/Housings for harsh environmental requirements

Material	zinc die-cast
Colour	RAL 9005 (black)
Surface	
- Top coat	epoxy powder paint / chromated
Locking element	
- Screw locking	M4
- Material	stainless steel
- Tightening torque	2 Nm
Hoods/Housings seal	NBR
Limiting temperatures	-40 °C ... +125 °C
Corrosion resistance	ASTM B117-09 (500 h)
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP68 / IP69K

Attention
The sealing on the insert has to be removed.
The sealing screw of the insolation body must be replaced by the sealing screw of the hood.

Han® HPR Hoods/Housings
Hoods/Housings for harsh environmental requirements

Material	aluminium die-cast, corrosion resistant
Colour	RAL 9005 (black)
Surface	
- Top coat	epoxy powder paint
Locking element	
- Screw locking	M6
- Material	stainless steel
- Tightening torque	4 Nm
- Toggle locking	
- Material	stainless steel
Hoods/Housings seal	NBR
Limiting temperatures	-40 °C ... +125 °C
Approval acc. to UL 50	NEMA Type 4/4X/12
Corrosion resistance	ASTM B117-09 (500 h)
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP68 / IP69K (does not apply to Han® 48 HPR)

Hoods/Housings, metal Han® 3 A

Features

- Metal hoods/housings for industrial applications

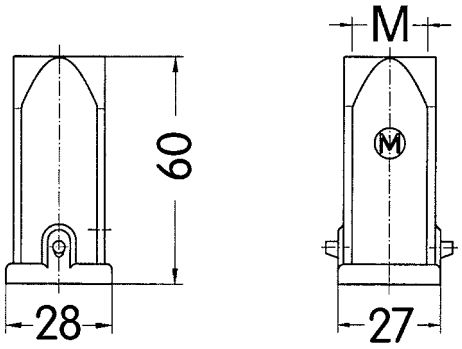
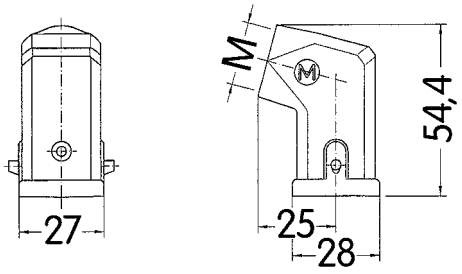
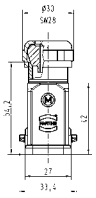
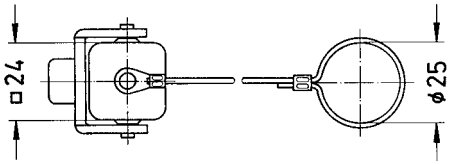
Technical characteristics

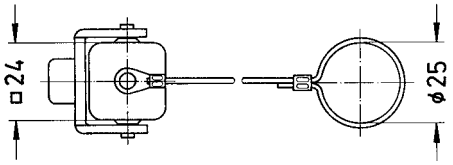
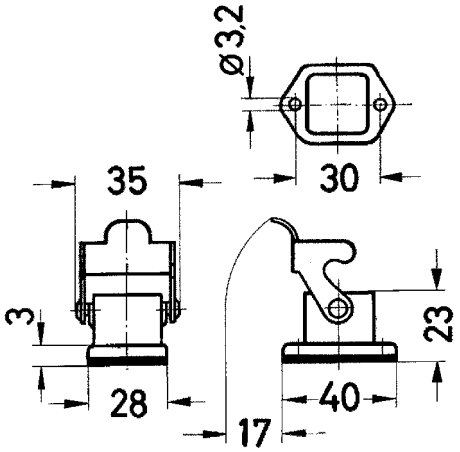
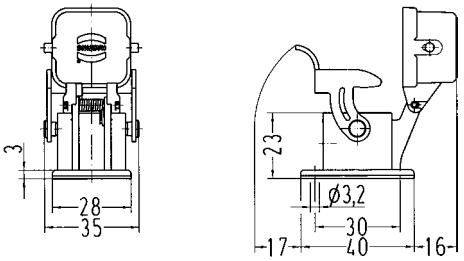
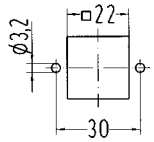
Limiting temperatures	-40 °C ... 125 °C
Degree of protection acc. to IEC 60529	IP44 / IP67 is achieved with seal screw 09 20 000 9918
Material (hoods/housings)	zinc die-cast
Surface (hoods/housings)	powder-coated
Colour (hoods/housings)	RAL 7037 (grey)
Material (locking lever)	steel, zinc-plated
Material (seal)	NBR

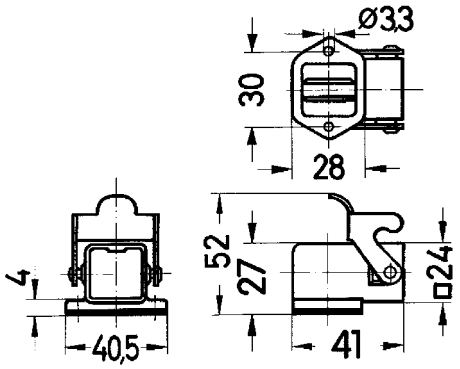
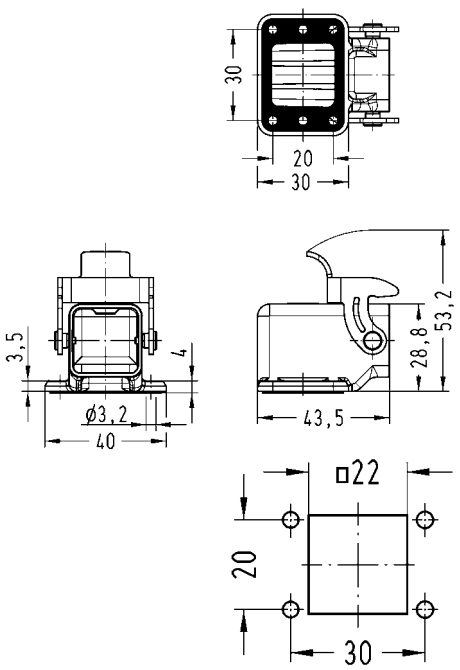
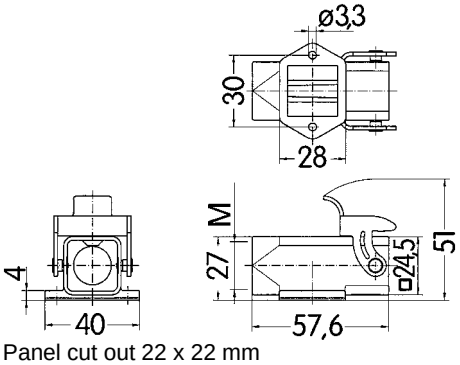
Specifications and approvals

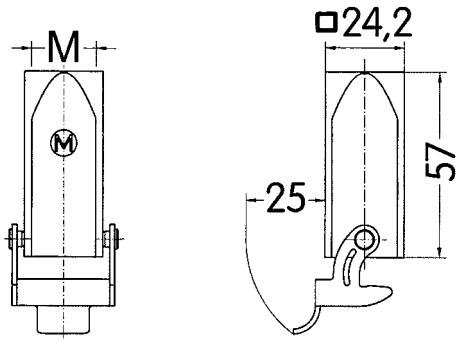
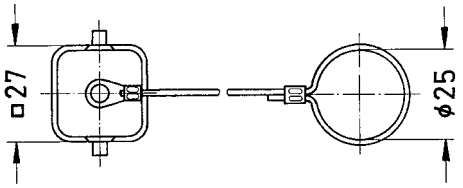
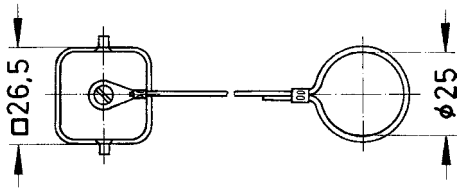
GL

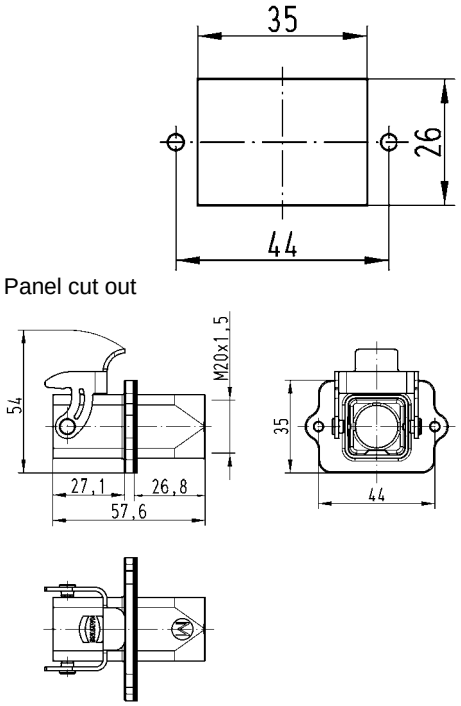
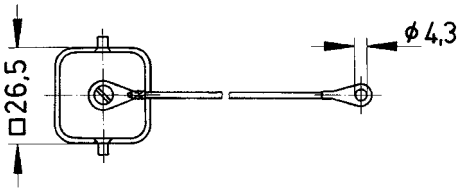
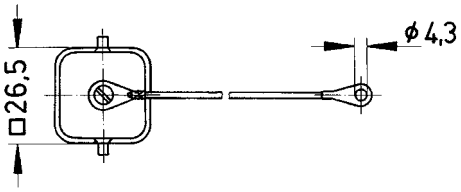
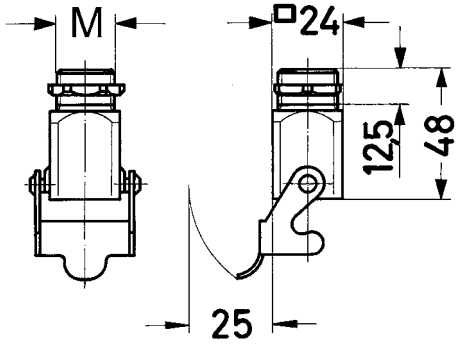
Metal hoods/housings for industrial applications
double locking lever

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han A® , Hoods, top entry	1xM20	19 20 003 1440	
Han A® , Hoods, side entry	1xM20	19 20 003 1640	
Han A® , Hood with integrated cable gland, top entry	6...12 mm 11...17 mm	19 20 003 1421 19 20 003 1422	
Han A® , Protection cover for hoods, for mounted female insert, metal, with securing flex, with sealing		09 20 003 5421	

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han A® , Protection cover for hoods, for mounted male insert or for mounted Han-Brid® insert, metal, with securing flex 		09 20 003 5422	
Han A® , Bulkhead mounted housings, straight 		09 20 003 0301	 Panel cut out 22 x 22 mm
Han A® , Bulkhead mounted housings, straight, with metal cover, for male inserts 		09 20 003 0305	  Panel cut out 22 x 22 mm
Han A® , Bulkhead mounted housings, straight, with sealing, for female inserts 		09 20 003 0306	

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han A® , Bulkhead mounted housings, angled, 2 fixing screws 		09 20 003 0801	 Panel cut out 22 x 22 mm
Han A® , Bulkhead mounted housings, angled, 4 fixing screws 		09 20 003 0810	
Han A® , Surface mounted housings, top entry, open bottom 	1xM20	19 20 003 1250	 Panel cut out 22 x 22 mm

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han A® , Surface mounted housings, top entry, bottom closed	1xM20	19 20 003 1252	
Han A® , Cable to cable housings, top entry	1xM20	19 20 003 1750	
Han A® , Protection cover for cable to cable housings, for mounted female insert or for mounted Han-Brid® insert, metal, with securing flex, with sealing		09 20 003 5427	
Han A® , Protection cover for cable to cable housings, metal, with securing flex		09 20 003 5428	

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han A® , Panel feed through housings, top entry 	1xM20	19 20 003 1120	
Han A® , Protection cover for housings, for mounted female insert or for mounted Han-Brid® insert, metal, with securing flex, with sealing 		09 20 003 5425	
Han A® , Protection cover for housings, for mounted male insert, metal, with securing flex 		09 20 003 5426	
Han A® , Screw mounted housings, top entry 	1xM20	19 20 003 1150	

Features

- Plastic hoods/housings for industrial applications

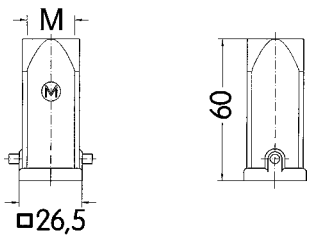
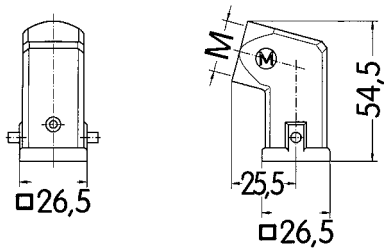
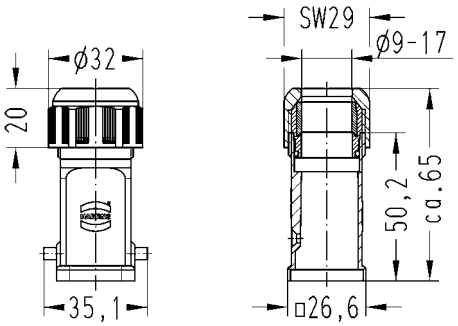
Technical characteristics

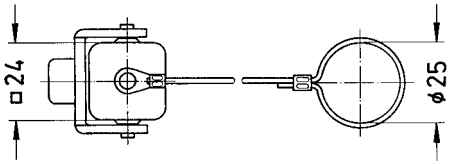
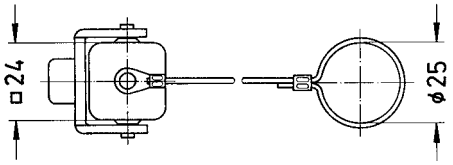
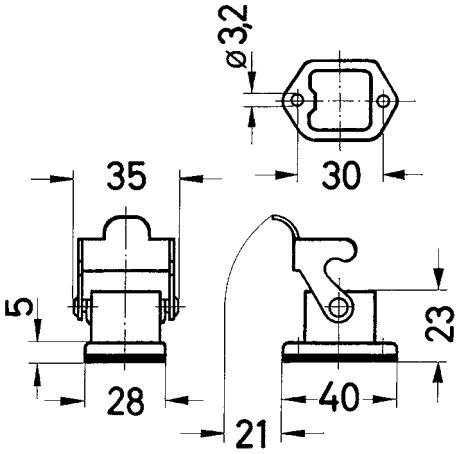
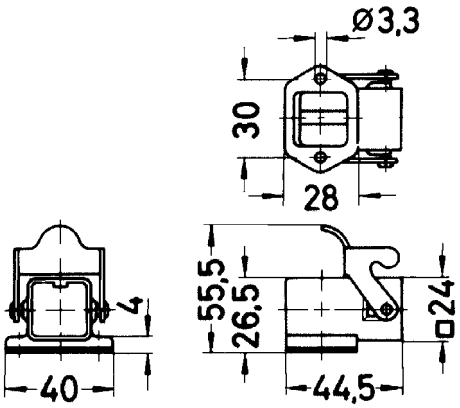
Limiting temperatures	-40 °C ... 125 °C
Flammability (hoods/housings) acc. to UL 94	V 0
Flammability (locking lever) acc. to UL 94	V 0
Protection class acc. to UL 50	NEMA type 4/4X/12
Degree of protection acc. to IEC 60529	IP44 / IP67 is achieved with seal screw 09 20 000 9918
Material (hoods/housings)	polycarbonate
Colour (hoods/housings)	RAL 7032 (light grey), RAL 9005 (black)
Material (locking lever)	polyamide
Colour (locking lever)	RAL 7032 (light grey), RAL 9005 (black)
Material (seal)	NBR

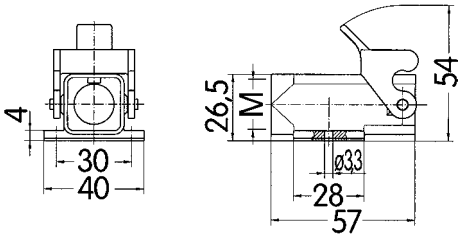
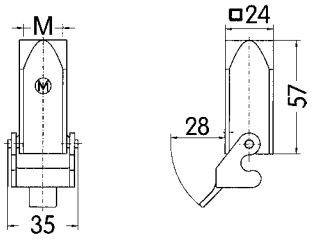
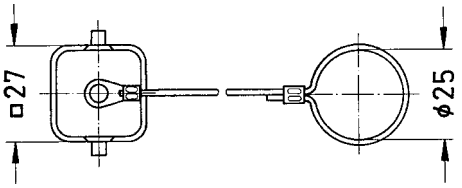
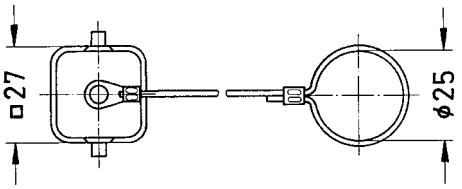
Specifications and approvals

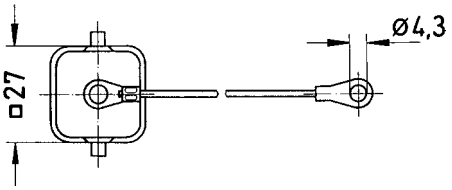
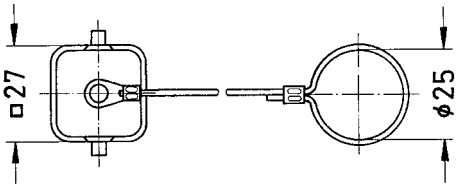
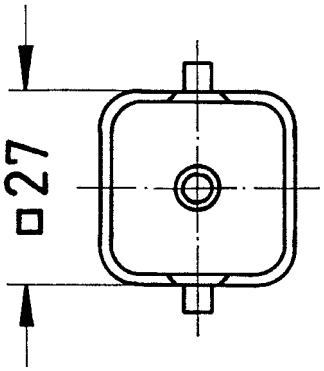
GL

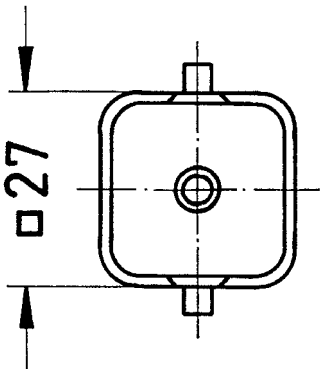
Plastic hoods/housings for industrial applications
double locking lever

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han A® , Hoods, top entry 	1xM20	19 20 003 0420	
Han A® , Hoods, top entry, black	1xM20	19 20 003 0427	
Han A® , Hoods, side entry 	1xM20	19 20 003 0620	
Han A® , Hoods, side entry, black	1xM20	19 20 003 0627	
Han A® , Hood with integrated cable gland, top entry 		19 20 003 0410	
Han A® , Hood with integrated cable gland, top entry, black		19 20 003 0418	

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han A® , Protection cover for hoods, for mounted female insert or for mounted Han-Brid® insert, plastic, with securing flex, with sealing		09 20 003 5441	
Han A® , Protection cover for hoods, for mounted male insert or for mounted Han-Brid® insert, plastic, with securing flex 		09 20 003 5442	
Han A® , Bulkhead mounted housings, straight 		09 20 003 0320	 Panel cut out 22 x 22 mm
Han A® , Bulkhead mounted housings, angled 		09 20 003 0820	 Panel cut out 22 x 22 mm
Han A® , Bulkhead mounted housings, straight, black		09 20 003 0327	
Han A® , Bulkhead mounted housings, angled, black		09 20 003 0827	

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han A® , Surface mounted housings, top entry 	1xM20	19 20 003 0220	 Panel cut out 22 x 22 mm
Han A® , Surface mounted housings, top entry, black	1xM20	19 20 003 0227	
Han A® , Cable to cable housings, top entry 	1xM20	19 20 003 0720	
Han A® , Cable to cable housings, top entry, black	1xM20	19 20 003 0727	
Han A® , Protection cover for cable to cable housings, for mounted female insert, plastic, with sealing, with securing flex 		09 20 003 5447	
Han A® , Protection cover for cable to cable housings, for mounted male insert, plastic, with securing flex 		09 20 003 5448	

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han A® , Protection cover for housings, for mounted female insert, plastic, with sealing, with securing flex 		09 20 003 5445	
Han A® , Protection cover for housings, for mounted male insert, plastic, with securing flex 		09 20 003 5446	
Han A® , Protection cover for housings, for mounted female insert, plastic, with sealing, with securing flex, black 		09 20 003 5449	
Han A® , Protection cover for housings, for mounted male insert, plastic, with securing flex, black 		09 20 003 5450	
Han A® , Protection cover for housings, plastic 		09 20 003 5407	

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han A® , Protection cover for housings, for mounted female insert or for mounted Han-Brid® insert, plastic, with sealing 		09 20 003 5408	
Han A® , Protection cover, for mounted female insert or for mounted Han-Brid® insert, plastic, with sealing, black 		09 20 003 5409	

Standard hoods/housings Han® 10-32 A

Features

- Metal hoods/housings for industrial applications

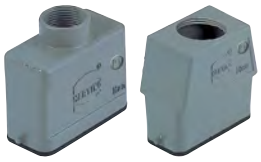
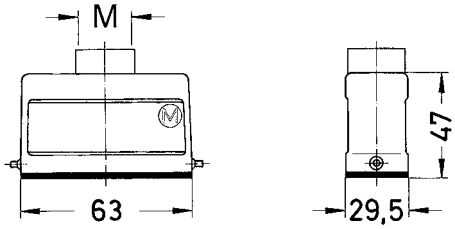
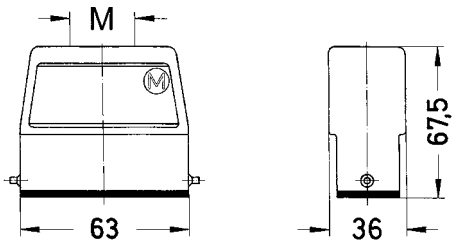
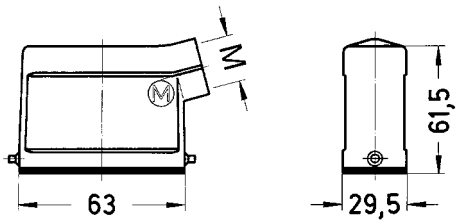
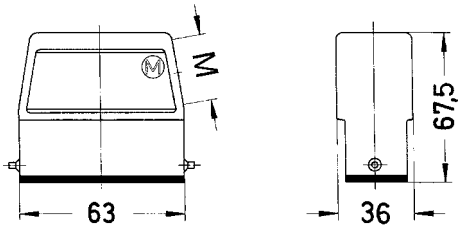
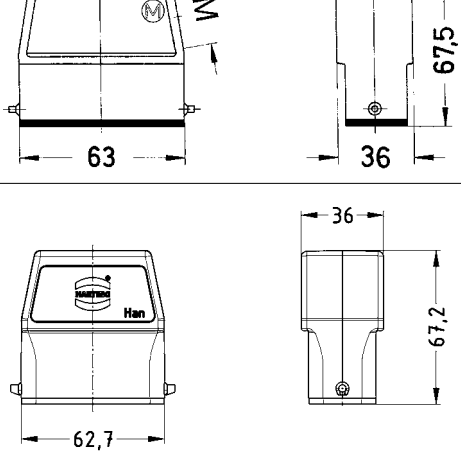
Technical characteristics

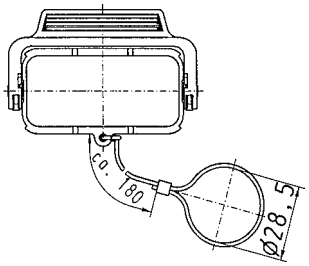
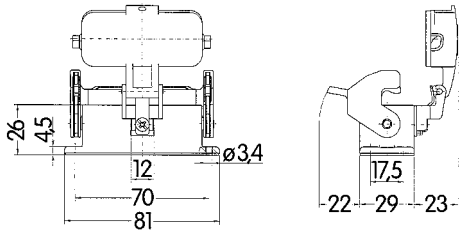
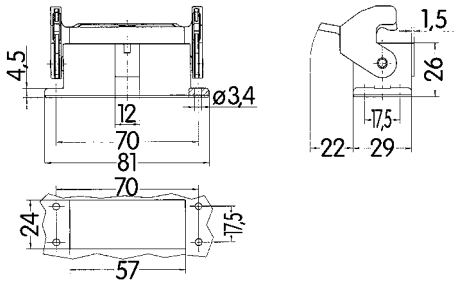
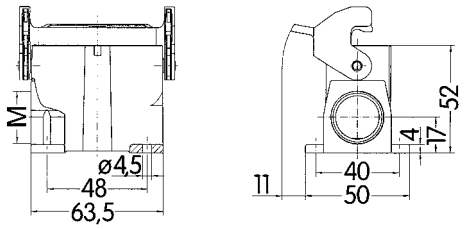
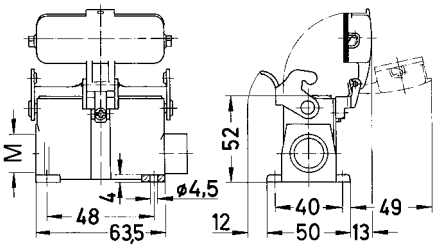
Limiting temperatures	-40 °C ... 125 °C
Flammability (locking lever) acc. to UL 94	V 0
Protection class acc. to UL 50	NEMA type 4/4X/12
Degree of protection acc. to IEC 60529	IP65
Material (hoods/housings)	aluminium
Colour (hoods/housings)	RAL 7037 (grey)
Material (locking lever)	polycarbonate + stainless steel
Colour (locking lever)	RAL 7037 (grey)
Material (seal)	NBR

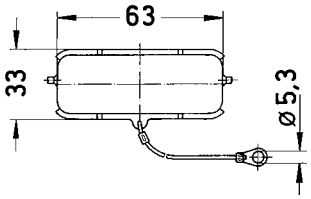
Specifications and approvals

GL

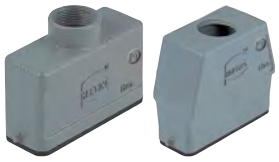
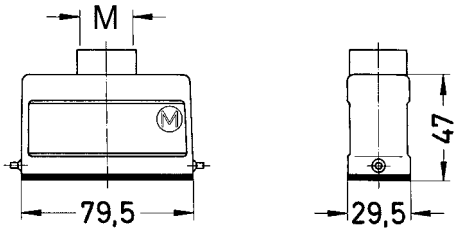
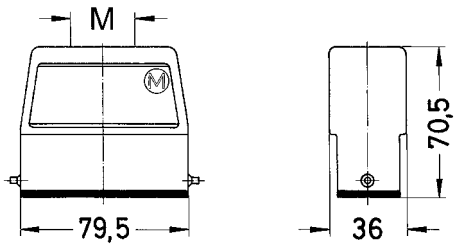
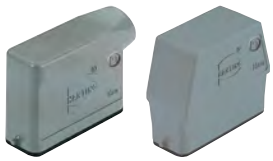
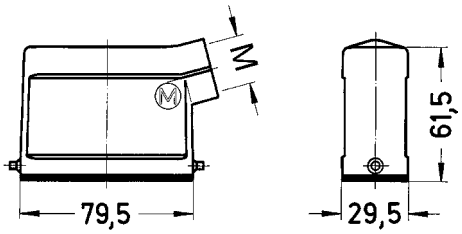
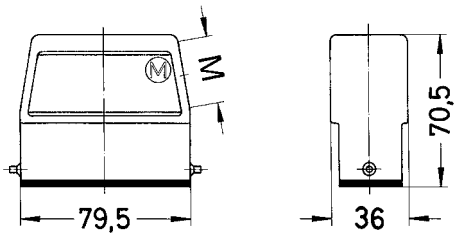
Metal hoods/housings for industrial applications
single locking lever

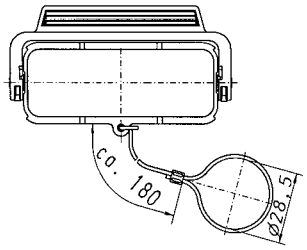
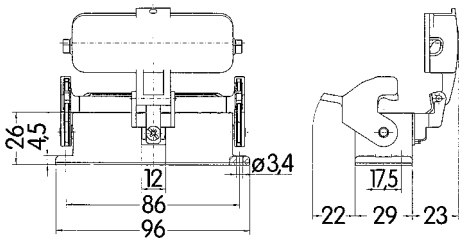
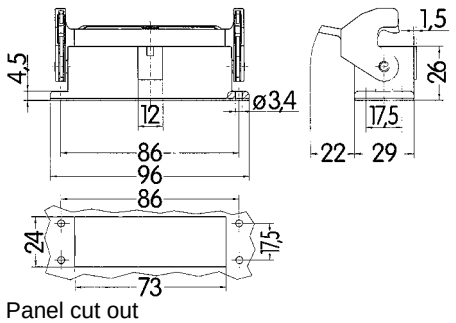
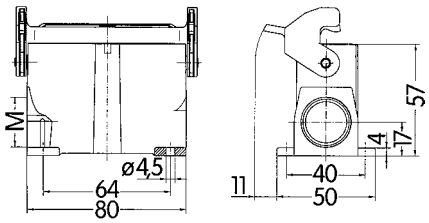
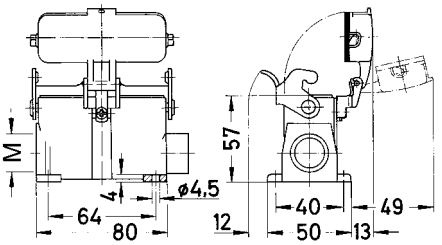
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han A® , Hoods, top entry 	1xM20 1xM25	19 20 010 1440	19 20 010 0446	 
Han A® , Hoods, side entry	1xM20 1xM25	19 20 010 1540	19 20 010 0546	 
Han A® , Hoods, without cable entry			09 20 010 0801	

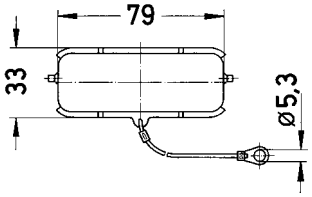
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han A® , Protection cover for hoods, metal, Han-Easy Lock®, with securing flex 		09 20 010 5423	09 20 010 5423	
Han A® , Bulkhead mounted housings, Han-Easy Lock®, with thermo-plastic cover 		09 20 010 0321		
Han A® , Bulkhead mounted housings, Han-Easy Lock® 		09 20 010 0301		 Panel cut out
Han A® , Surface mounted housings, side entry, Han-Easy Lock® 	1xM25 2xM20	19 20 010 0251 19 20 010 0290		
Han A® , Surface mounted housings, side entry, Han-Easy Lock®, with thermo-plastic cover 	2xM20		19 20 010 0295	

Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han A® , Cover for housings, metal, with securing flex		09 20 010 5425	09 20 010 5425	

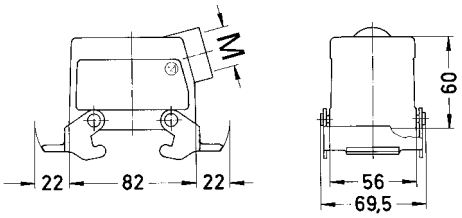
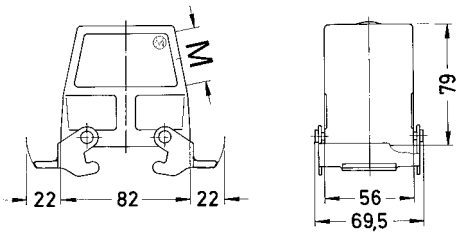
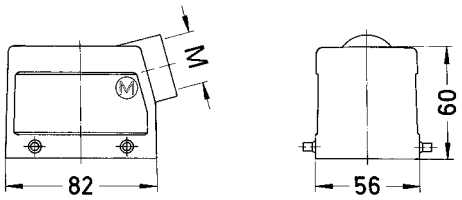
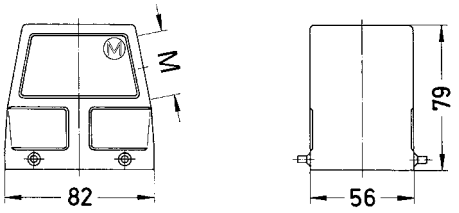
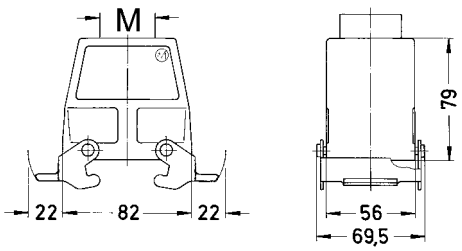
Metal hoods/housings for industrial applications
single locking lever

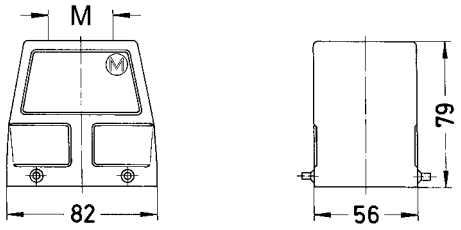
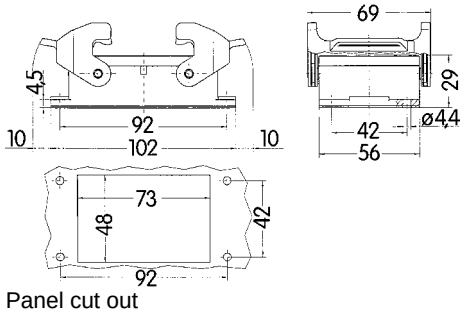
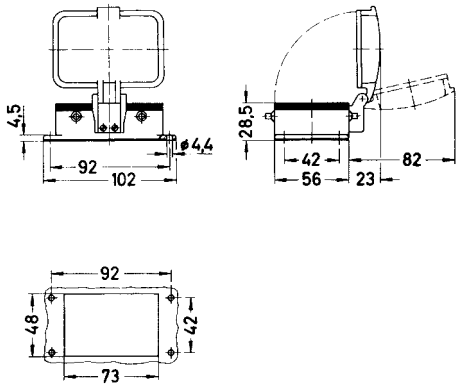
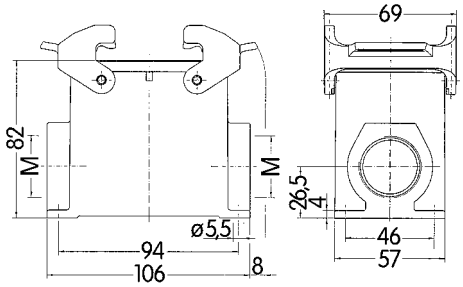
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han A® , Hoods, top entry 	1xM20 1xM25	19 20 016 1440	19 20 016 0446	 
Han A® , Hoods, side entry 	1xM20 1xM25	19 20 016 1540	19 20 016 0546	 
Han A® , Hoods, without cable entry			09 20 016 0801	

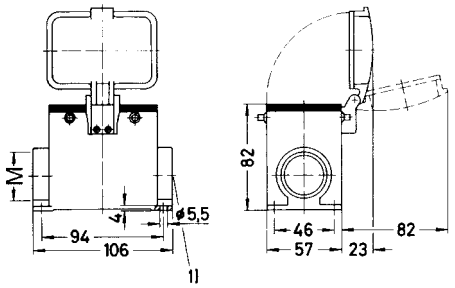
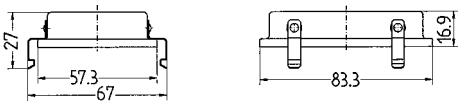
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han A® , Protection cover for hoods, metal, Han-Easy Lock®, with securing flex 		09 20 016 5423	09 20 016 5423	
Han A® , Bulkhead mounted housings, Han-Easy Lock®, with thermo-plastic cover 		09 20 016 0321		
Han A® , Bulkhead mounted housings, Han-Easy Lock® 		09 20 016 0301		 Panel cut out
Han A® , Surface mounted housings, side entry, Han-Easy Lock® 	1xM25 2xM20 2xM25	19 20 016 0251 19 20 016 0290 19 20 016 0291		
Han A® , Surface mounted housings, side entry, Han-Easy Lock®, with thermo-plastic cover	2xM20	19 20 016 0295		

Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han A® , Cover for housings, metal, with securing flex		09 20 016 5425	09 20 016 5425	

Metal hoods/housings for industrial applications
double locking lever

Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han A® , Hoods, side entry, Han-Easy Lock®	1xM25 1xM32	19 20 032 1531	19 20 032 0537	 
Han A® , Hoods, side entry	1xM25 1xM32	19 20 032 1521	19 20 032 0527	 
Han A® , Hoods, top entry, Han-Easy Lock®	1xM32		19 20 032 0437	

Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han A® , Hoods, top entry 	1xM25 1xM32		19 20 032 0426 19 20 032 0427	
Han A® , Bulkhead mounted housings, Han-Easy Lock® 		09 20 032 0301		 Panel cut out
Han A® , Bulkhead mounted housings, with thermo-plastic cover 		09 20 032 0302		 Panel cut out
Han A® , Surface mounted housings, side entry, Han-Easy Lock® 	1xM25 1xM32 2xM32		19 20 032 0231 19 20 032 0232 19 20 032 0272	

Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han A® , Surface mounted housings, side entry, with thermo-plastic cover	1xM25		19 20 032 0226	 1) Blind way for one cable entry
Han A® , Protection cover for housings, metal		09 20 032 5405	09 20 032 5405	
Han A® , Protection cover for hoods, metal		09 20 032 5401	09 20 032 5401	

Features

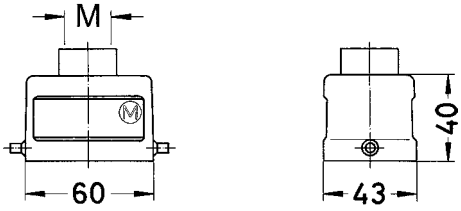
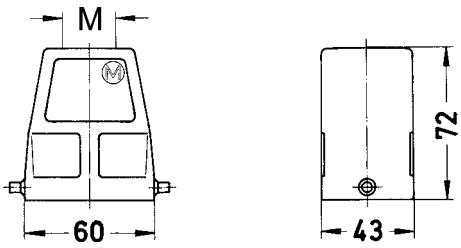
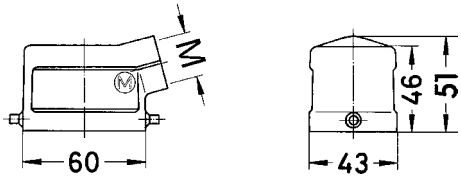
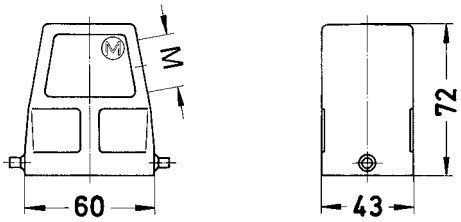
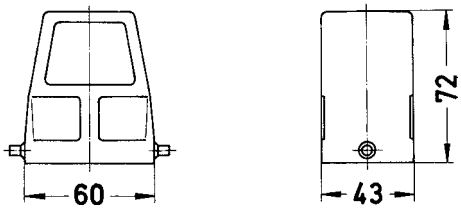
- Metal hoods/housings for industrial applications
- Locking levers: Han-Easy Lock®
- **Field of application:** for excellent mechanical and electrical protection in demanding environments, for example, in the automobile and mechanical engineering industries also for process and regulation control applications
- **Distinguishing feature:** hoods/housings colour-coded grey (RAL 7037)

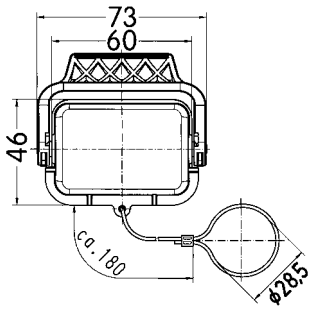
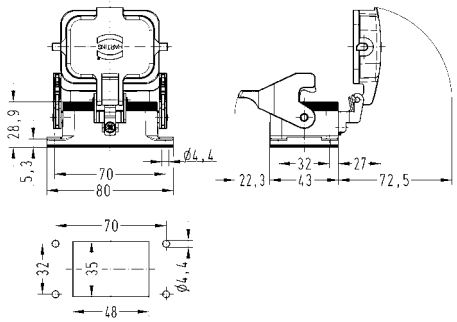
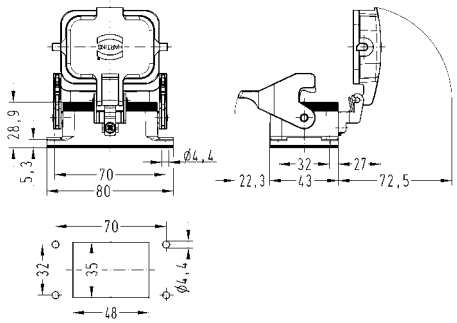
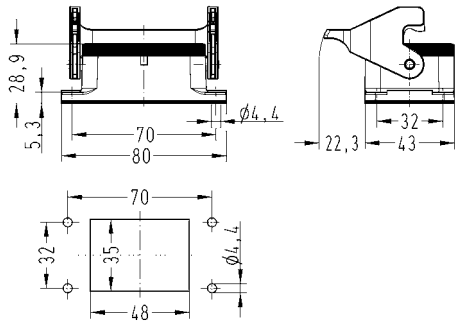
Technical characteristics

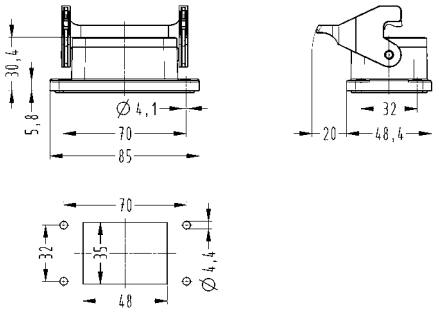
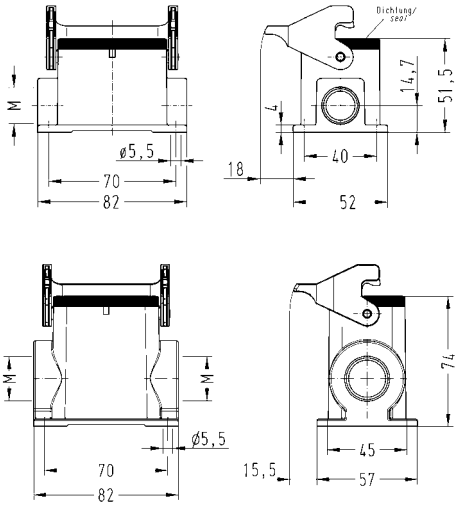
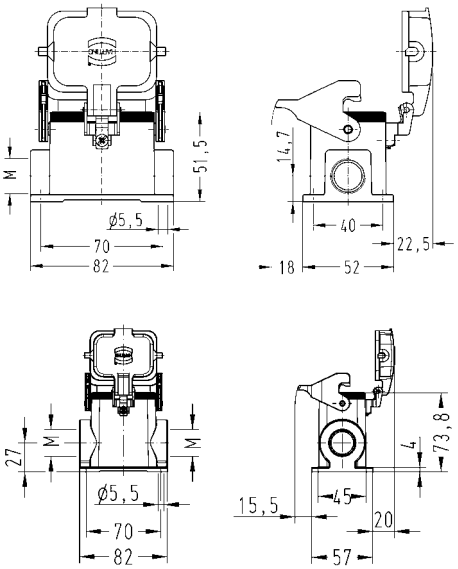
Limiting temperatures	-40 °C ... 125 °C
Flammability (locking lever) acc. to UL 94	V 0
Protection class acc. to UL 50	NEMA type 4/4X/12
Degree of protection acc. to IEC 60529	IP65, IP65 / IP67
Material (hoods/housings)	aluminium, polycarbonate
Surface (hoods/housings)	powder-coated
Colour (hoods/housings)	RAL 7037 (grey)
Material (locking lever)	polycarbonate + stainless steel, stainless steel
Colour (locking lever)	RAL 7037 (grey)
Material (seal)	NBR

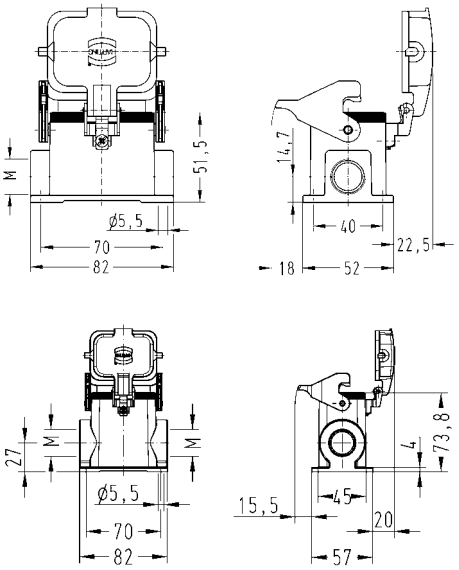
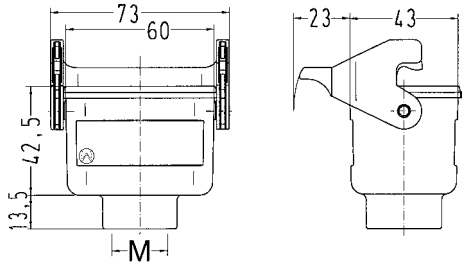
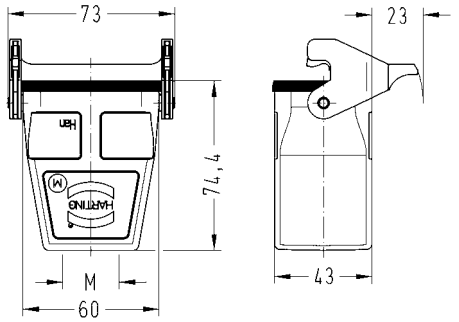
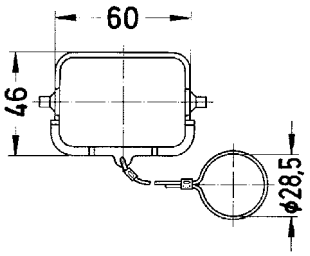
Specifications and approvals

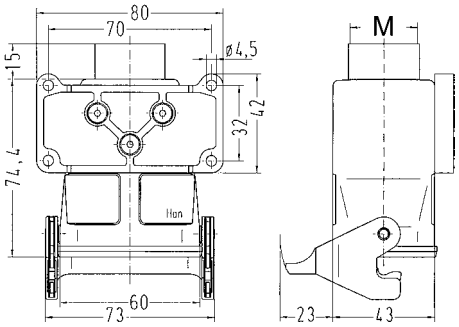
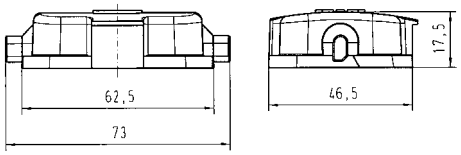
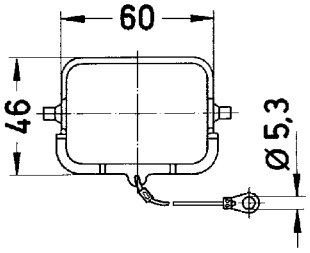
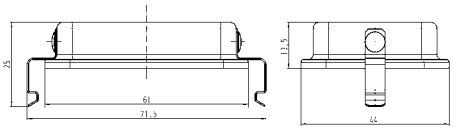
single locking lever

Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Hoods, top entry	1xM20 1xM25 1xM32	19 30 006 1440	19 30 006 0446 19 30 006 0447	
				
Han® B, Hoods, side entry	1xM20 1xM25 1xM32	19 30 006 1540 19 30 006 1541	19 30 006 0546 19 30 006 0547	
				
Han® B, Hoods, without cable entry			09 30 006 0801	

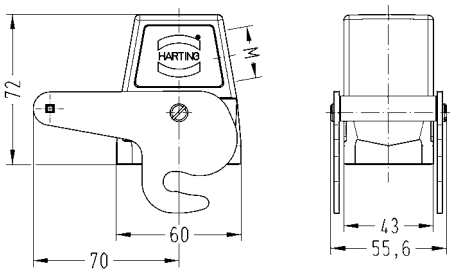
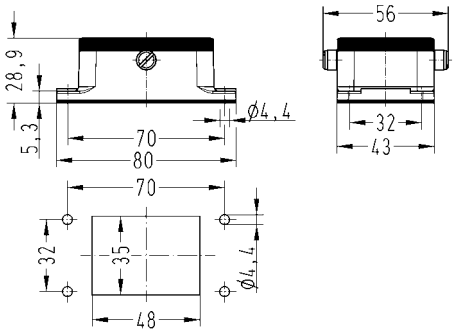
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Protection cover for hoods, metal, Han-Easy Lock®, with securing flex 		09 30 006 5423	09 30 006 5423	
Han® B, Bulkhead mounted housings, Han-Easy Lock®, with thermo-plastic cover 		09 30 006 0302		 Panel cut out
Han® B, Bulkhead mounted housings, Han-Easy Lock®, with metal cover 		09 30 006 0318		 Panel cut out
Han® B, Bulkhead mounted housings, Han-Easy Lock® 		09 30 006 0301		 Panel cut out

Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Bulkhead mounted housings, Han-Easy Lock®, IP67		09 30 006 1301		
Han® B, Surface mounted housings, side entry, Han-Easy Lock®	1xM20 2xM20 2xM25 2xM32	19 30 006 1250 19 30 006 1290	19 30 006 0291 19 30 006 0292	
Han® B, Surface mounted housings, side entry, Han-Easy Lock®, with thermo-plastic cover	1xM20 2xM20 2xM25 2xM32	19 30 006 1255 19 30 006 1295	19 30 006 0296 19 30 006 0297	

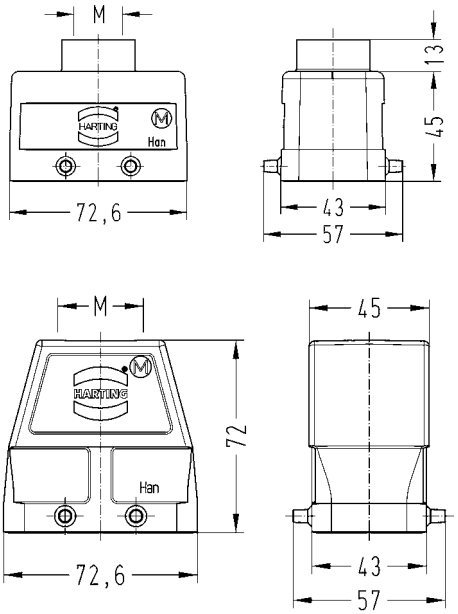
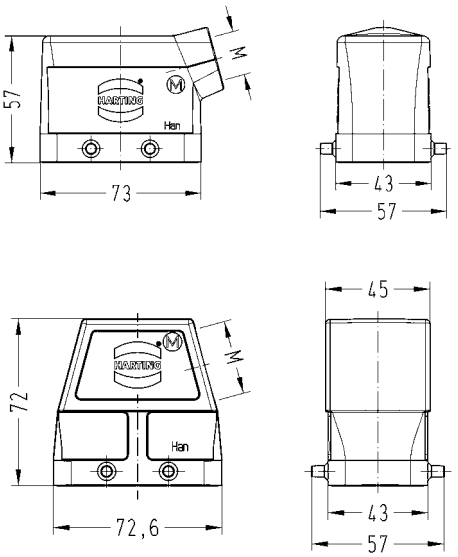
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Surface mounted housings, side entry, Han-Easy Lock®, with metal cover	1xM20 2xM20 2xM25	19 30 006 2255 19 30 006 2295	19 30 006 7296	
Han® B, Cable to cable housings, top entry	1xM20	19 30 006 1750		
Han® B, Cable to cable housings, top entry, Han-Easy Lock®	1xM25 1xM32		19 30 006 0756 19 30 006 0757	
Han® B, Protection cover for cable to cable housings, metal, with securing flex		09 30 006 5427	09 30 006 5427	

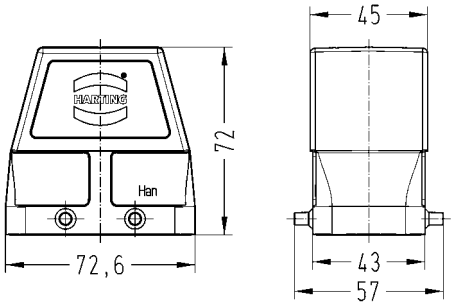
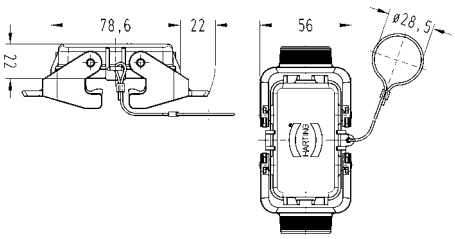
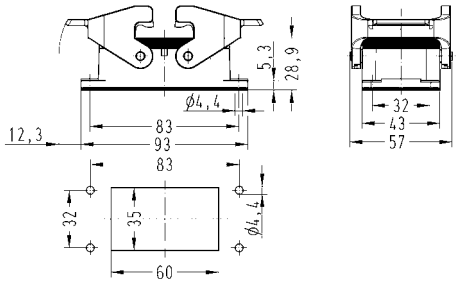
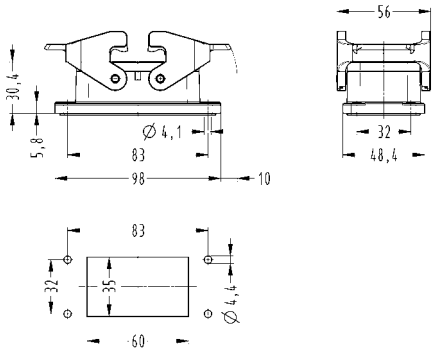
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Flange housings, top entry, Han-Easy Lock® 	1xM25	19 30 006 0716		
Han® B, Protection cover for housings, plastic 		09 30 006 5404	09 30 006 5404	
Han® B, Protection cover for housings, metal, with securing flex 		09 30 006 5425	09 30 006 5425	
Han® B, Protection cover for hoods, metal, with grounding pins 		09 30 006 5401	09 30 006 5401	

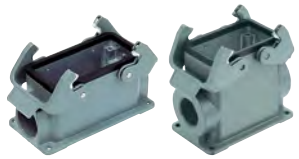
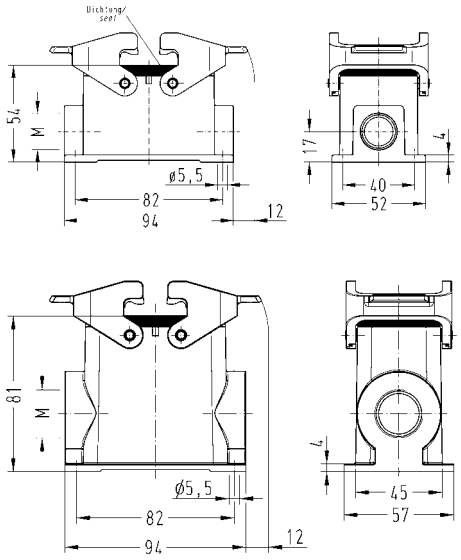
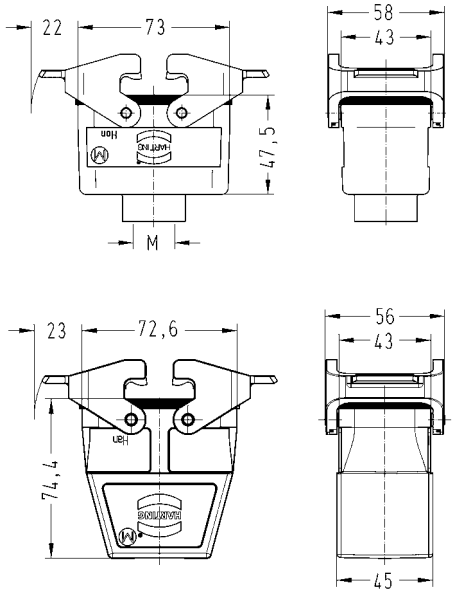
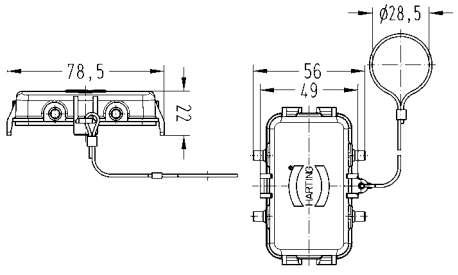
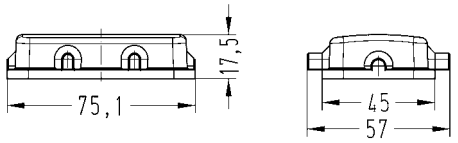
central locking lever

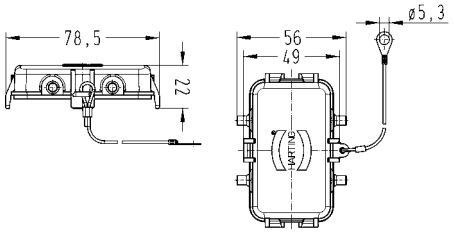
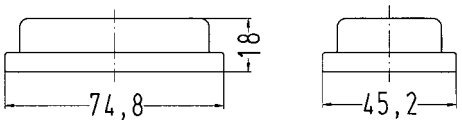
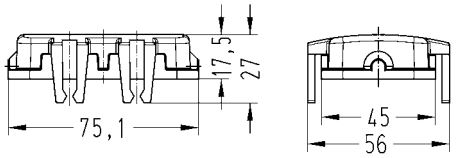
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Hoods, side entry	1xM25 1xM32		19 30 006 0586 19 30 006 0587	
Han® B, Bulkhead mounted housings		09 30 006 0381		 Panel cut out

double locking lever

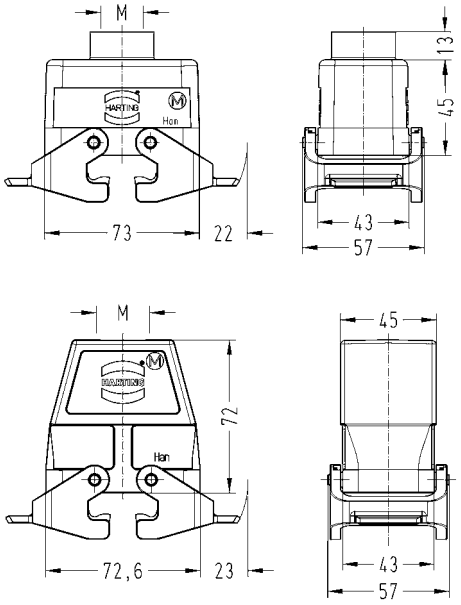
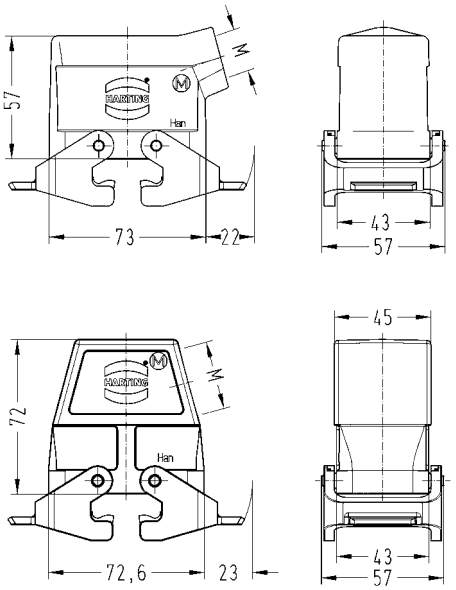
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Hoods, top entry	1xM20 1xM25 1xM32 1xM40 2xM20	19 30 010 1420 19 30 010 1421	19 30 010 0427 19 30 010 0428 19 30 010 0465	
Han® B, Hoods, side entry	1xM20 1xM25 1xM32	19 30 010 1520 19 30 010 1521	19 30 010 0527	

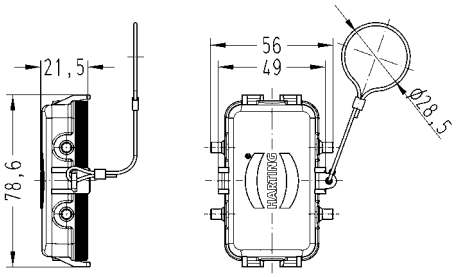
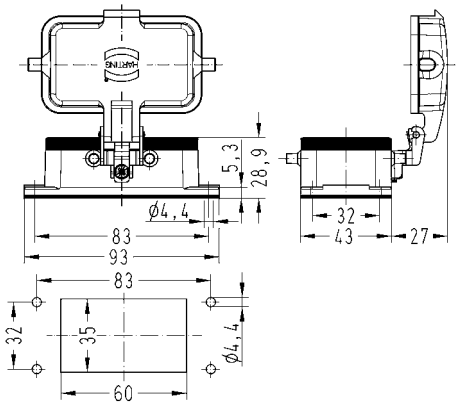
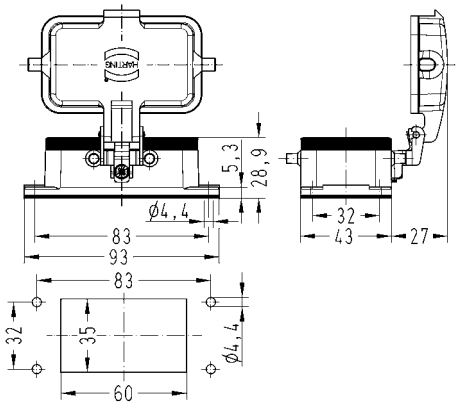
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Hoods, without cable entry 			09 30 010 0801	
Han® B, Protection cover for hoods, metal, Han-Easy Lock®, with securing flex 		09 30 010 5423	09 30 010 5423	
Han® B, Bulkhead mounted housings, Han-Easy Lock® 		09 30 010 0301		 Panel cut out
Han® B, Bulkhead mounted housings, Han-Easy Lock®, IP67 		09 30 010 1301		

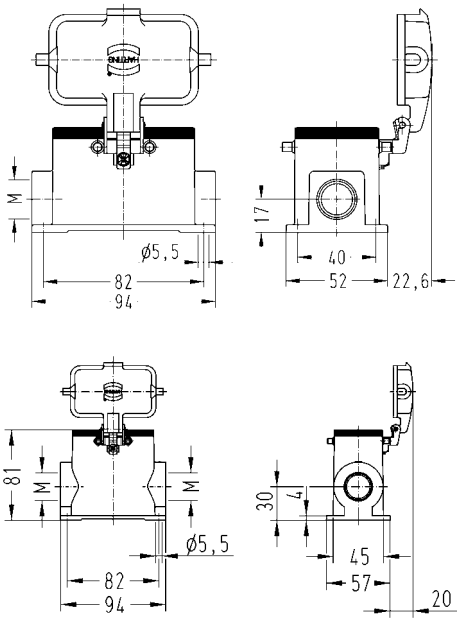
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Surface mounted housings, side entry, Han-Easy Lock® 	1xM20 1xM25 2xM20 2xM25 2xM32	19 30 010 1230 19 30 010 1231 19 30 010 1270	19 30 010 0231 19 30 010 0271 19 30 010 0272	
Han® B, Cable to cable housings, top entry, Han-Easy Lock® 	1xM20 1xM25 1xM32	19 30 010 1730	19 30 010 0736 19 30 010 0737	
Han® B, Protection cover for cable to cable housings, metal, with securing flex 		09 30 010 5427	09 30 010 5427	
Han® B, Protection cover for housings, plastic 		09 30 010 5407	09 30 010 5407	

Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Protection cover for housings, metal, with securing flex		09 30 010 5425	09 30 010 5425	
Han® B, Dust protection cover, plastic		09 30 010 5406	09 30 010 5406	
Han® B, Protection cover for hoods, plastic, with grounding pins		09 30 010 5401	09 30 010 5401	

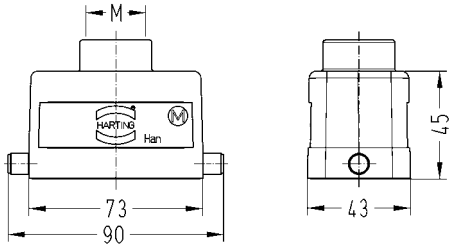
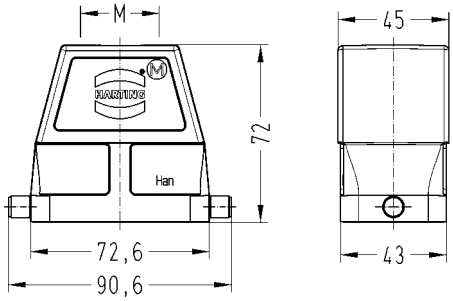
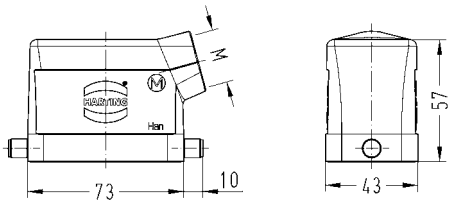
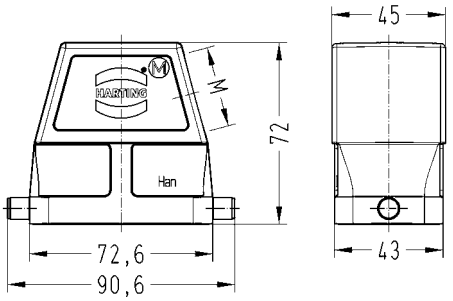
double locking lever

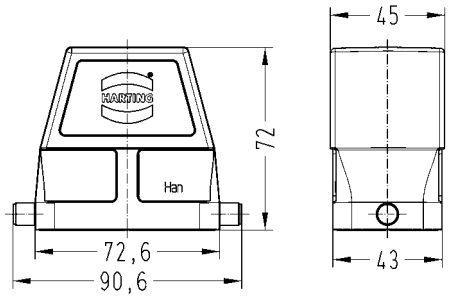
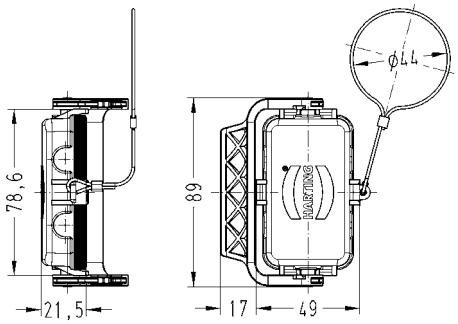
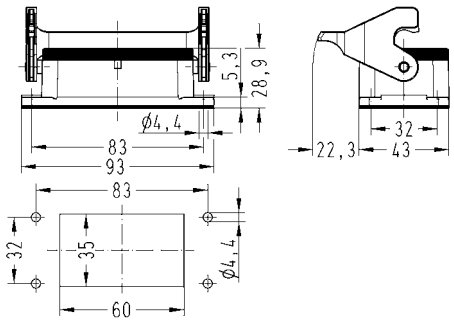
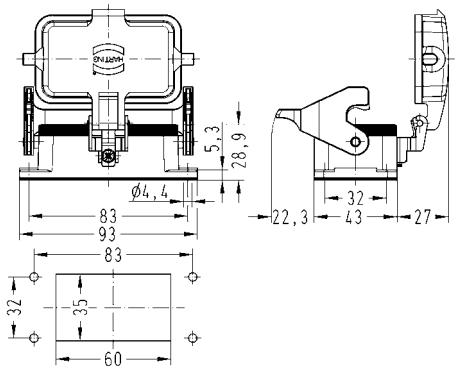
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Hoods, top entry, Han-Easy Lock® 	1xM20 1xM25	19 30 010 1430	19 30 010 0436	
Han® B, Hoods, side entry, Han-Easy Lock® 	1xM20 1xM32	19 30 010 1530	19 30 010 0537	

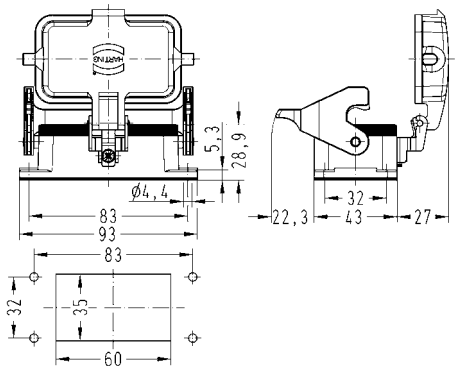
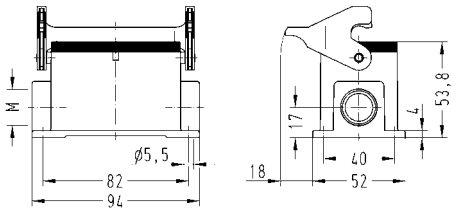
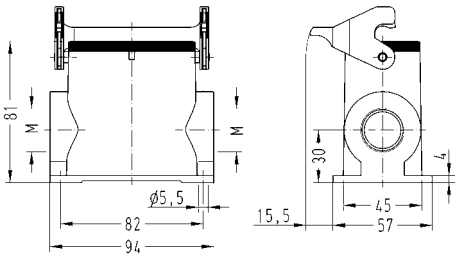
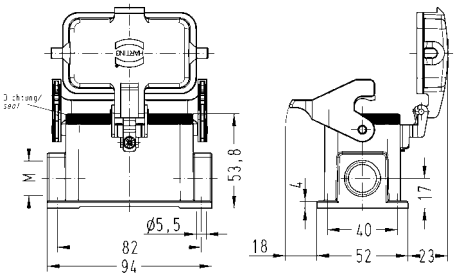
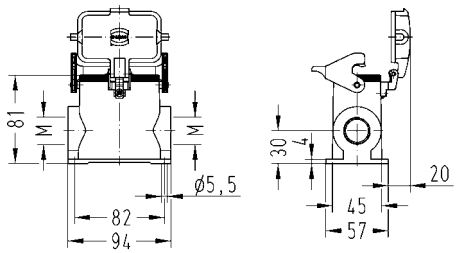
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Protection cover for hoods, metal, with securing flex		09 30 010 5457	09 30 010 5457	
Han® B, Bulkhead mounted housings, with thermo-plastic cover		09 30 010 0302		 Panel cut out
Han® B, Bulkhead mounted housings, with metal cover		09 30 010 0317		 Panel cut out

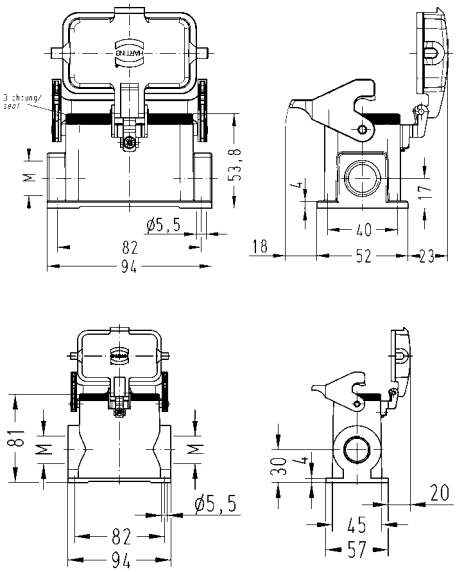
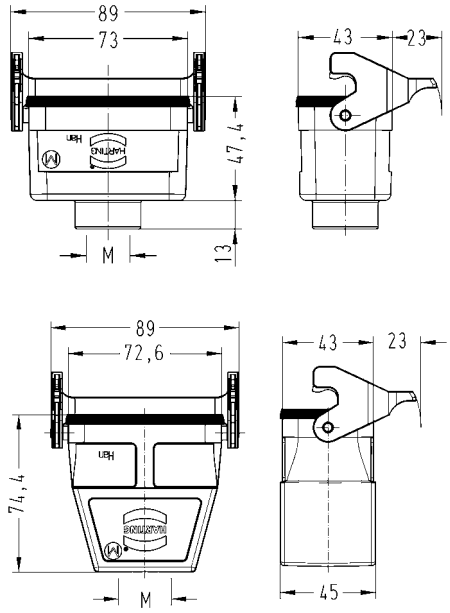
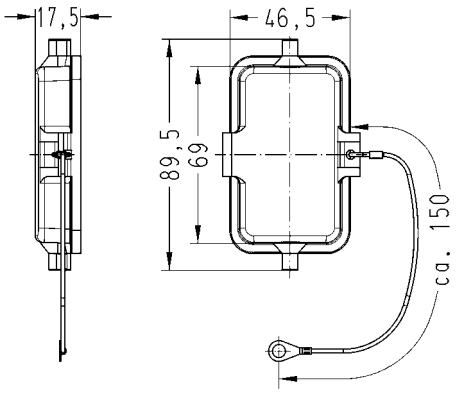
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Surface mounted housings, side entry, with thermo-plastic cover 	1xM20 2xM20 2xM25	19 30 010 1225 19 30 010 1265	19 30 010 0266	

single locking lever

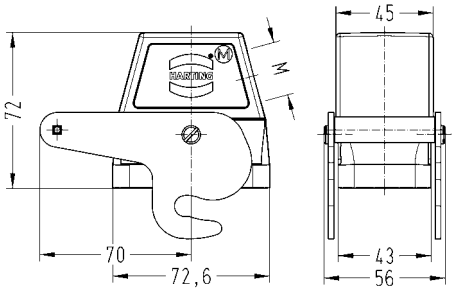
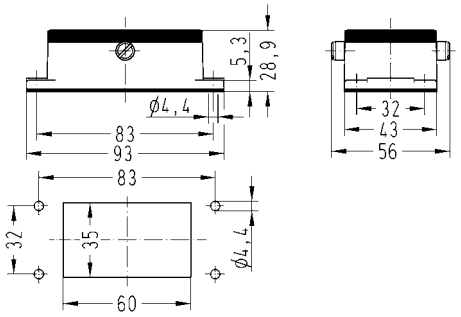
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Hoods, top entry	1xM20 1xM25 1xM32	19 30 010 1440 19 30 010 1441	19 30 010 0447	 
Han® B, Hoods, side entry	1xM20 1xM25 1xM32	19 30 010 1540 19 30 010 1541	19 30 010 0547	 

Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Hoods, without cable entry			09 30 010 0803	
Han® B, Protection cover for hoods, metal, Han-Easy Lock®, with securing flex		09 30 010 5432	09 30 010 5432	
Han® B, Bulkhead mounted housings, Han-Easy Lock®		09 30 010 0305		 Panel cut out
Han® B, Bulkhead mounted housings, Han-Easy Lock®, with thermo-plastic cover		09 30 010 0303		 Panel cut out

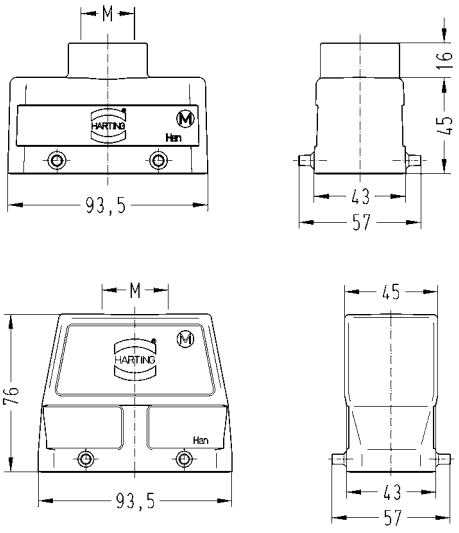
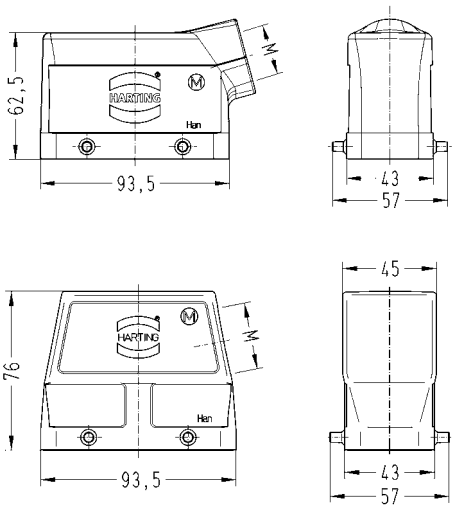
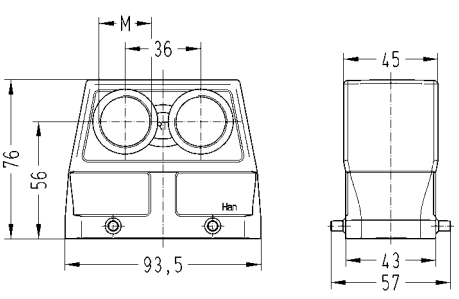
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Bulkhead mounted housings, Han-Easy Lock®, with metal cover		09 30 010 0318		 Panel cut out
Han® B, Surface mounted housings, side entry, Han-Easy Lock® 	1xM20 2xM20 2xM25 2xM32	19 30 010 1250 19 30 010 1290	19 30 010 0291 19 30 010 0292	 
Han® B, Surface mounted housings, side entry, Han-Easy Lock®, with thermo-plastic cover 	1xM20 2xM20 2xM25 2xM32	19 30 010 1255 19 30 010 1295	19 30 010 0296 19 30 010 0297	 

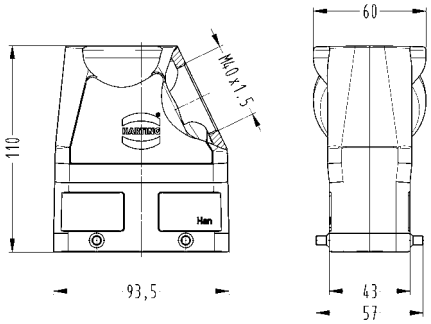
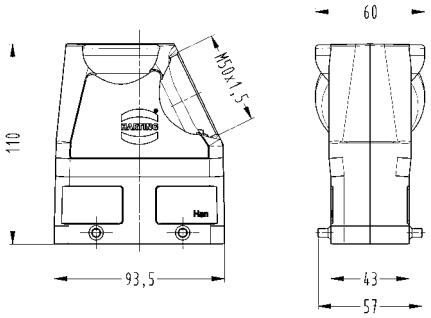
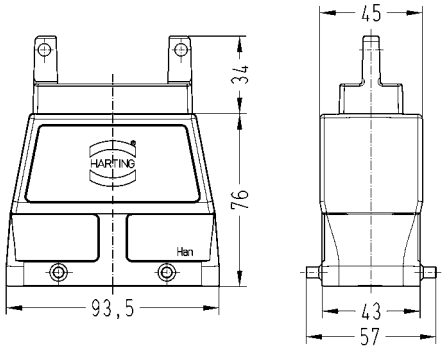
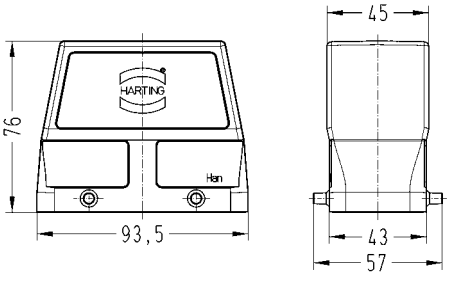
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Surface mounted housings, side entry, Han-Easy Lock®, with metal cover 	2xM20 2xM25	19 30 010 2295	19 30 010 7296	
Han® B, Cable to cable housings, top entry, Han-Easy Lock® 	1xM20 1xM25 1xM32	19 30 010 1750	19 30 010 0756 19 30 010 0757	
Han® B, Protection cover for housings, plastic, with securing flex 		09 30 010 5412	09 30 010 5412	

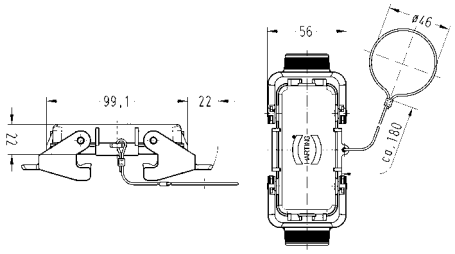
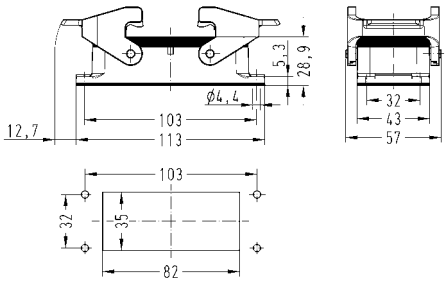
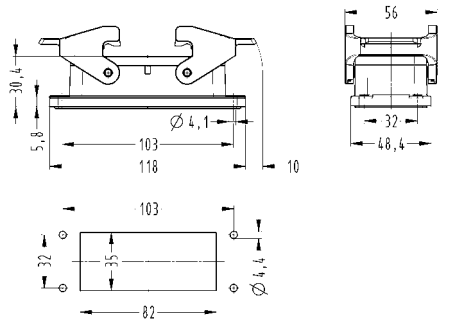
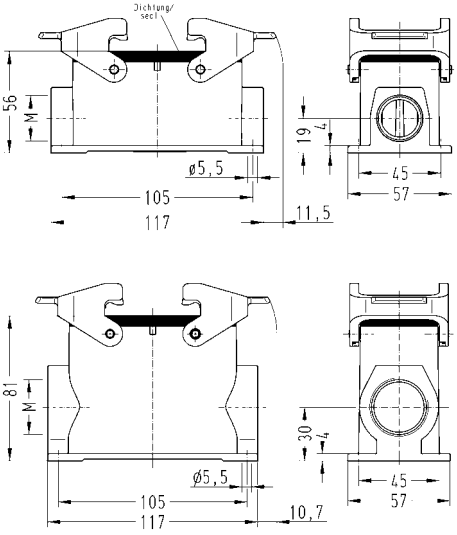
central locking lever

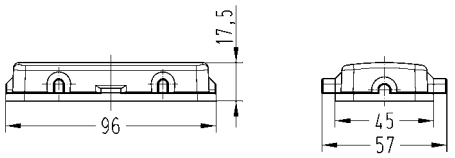
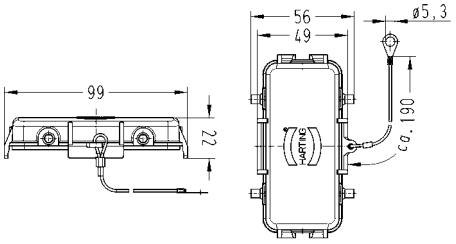
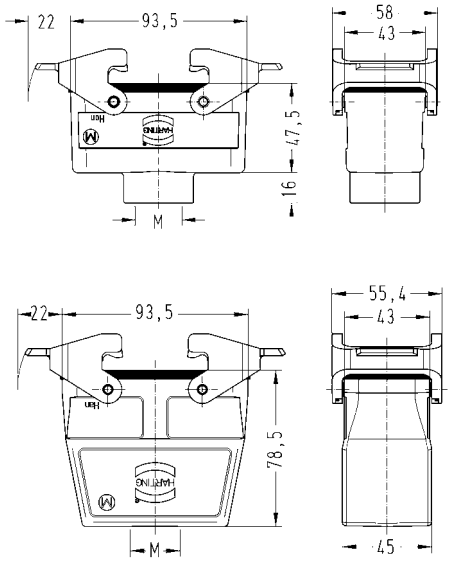
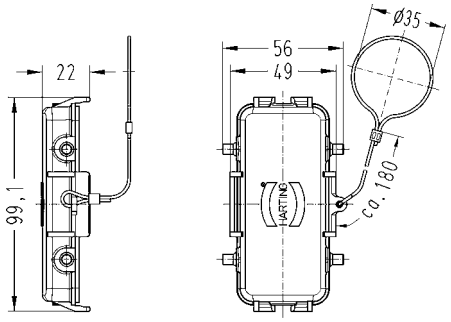
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Hoods, side entry	1xM25		19 30 010 0586	
Han® B, Bulkhead mounted housings		09 30 010 0381		 Panel cut out

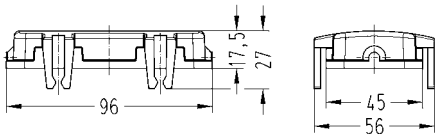
double locking lever

Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Hoods, top entry	1xM25 1xM32 1xM40 2xM25	19 30 016 1421 19 30 016 1422	19 30 016 0427 19 30 016 0428 19 30 016 0466	
Han® B, Hoods, side entry	1xM25 1xM32 1xM40	19 30 016 1521 19 30 016 1522	19 30 016 0527 19 30 016 0528	
Han® B, Hoods, angled entry	2xM25		19 30 016 0666	

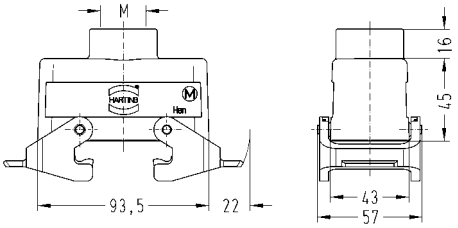
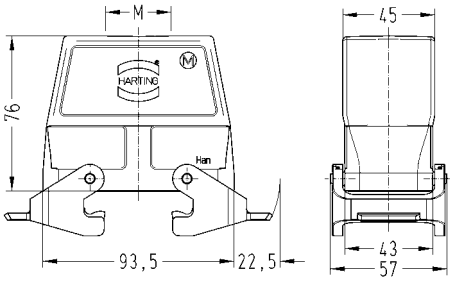
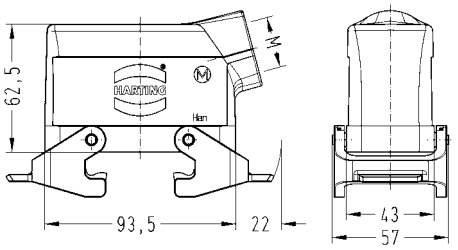
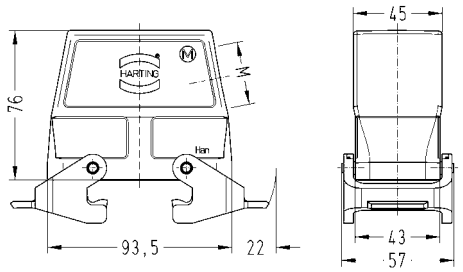
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Hoods, side entry, special type	1xM40 1xM50		19 30 016 0523 19 30 016 0529	 
Han® B, Hoods, flat cable entry			09 30 016 4411	
Han® B, Hoods, without cable entry			09 30 016 0801	

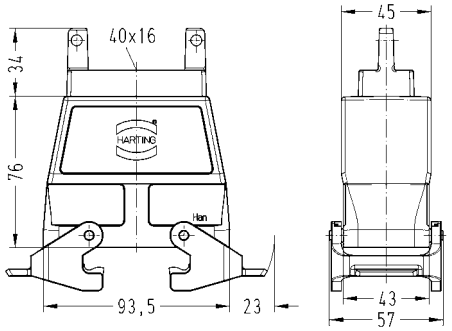
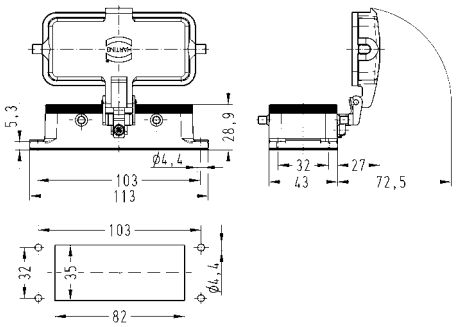
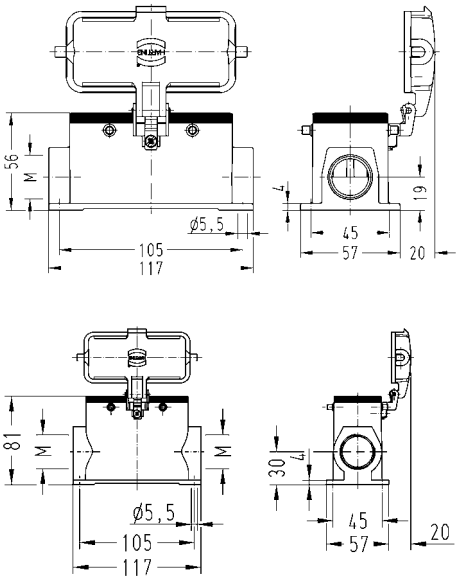
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Protection cover for hoods, metal, Han-Easy Lock®, with securing flex 		09 30 016 5422	09 30 016 5422	
Han® B, Bulkhead mounted housings, Han-Easy Lock® 		09 30 016 0301		 Panel cut out
Han® B, Bulkhead mounted housings, Han-Easy Lock®, IP67 		09 30 016 1301		
Han® B, Surface mounted housings, side entry, Han-Easy Lock® 	1xM25 1xM32 2xM25 2xM32 2xM40	19 30 016 1231 19 30 016 1271	19 30 016 0232 19 30 016 0271 19 30 016 0272 19 30 016 0273	

Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Cover for housings, plastic		09 30 016 5405	09 30 016 5405	
Han® B, Cover for housings, metal, with securing flex		09 30 016 5425	09 30 016 5425	
Han® B, Cable to cable housings, top entry, Han-Easy Lock®	1xM25 1xM32	19 30 016 1731 19 30 016 1732	19 30 016 0736 19 30 016 0737	
Han® B, Protection cover for cable to cable housings, metal, Han-Easy Lock®, with securing flex		09 30 016 5426	09 30 016 5426	
Han® B, Dust protection cover, plastic		09 30 016 5406	09 30 016 5406	

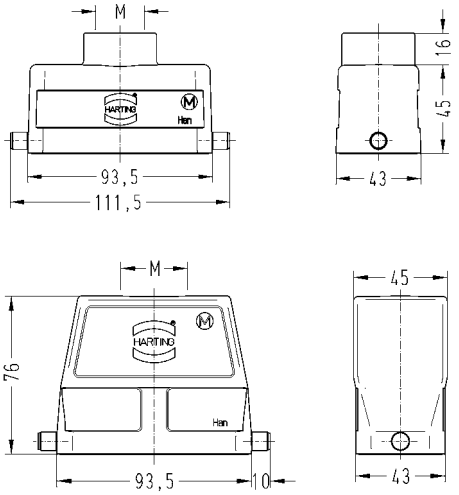
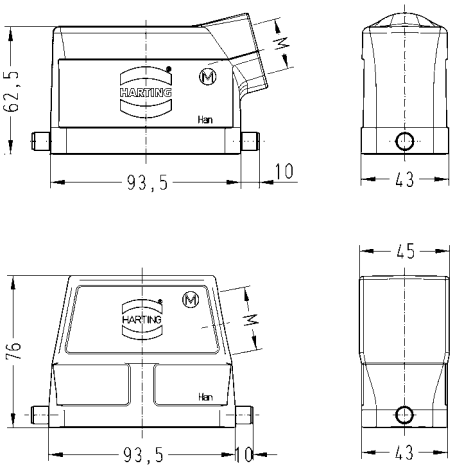
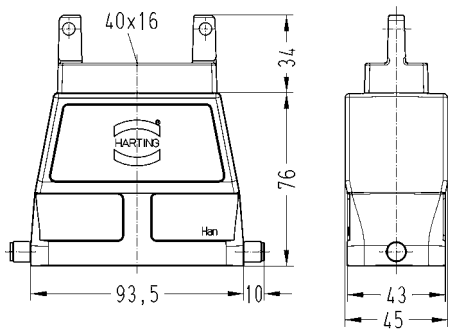
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Protection cover for hoods, plastic, with grounding pins 		09 30 016 5401	09 30 016 5401	

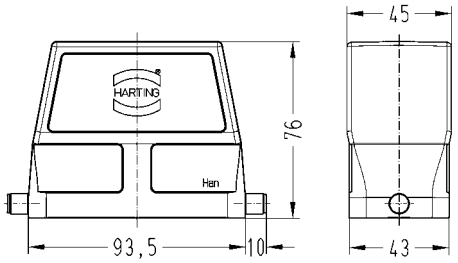
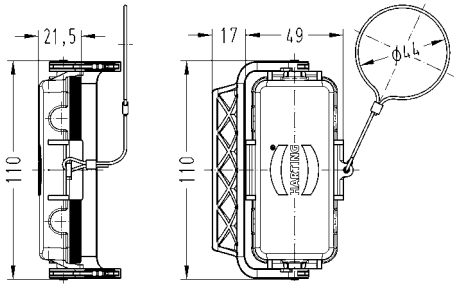
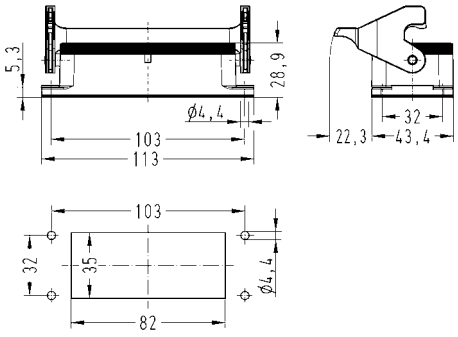
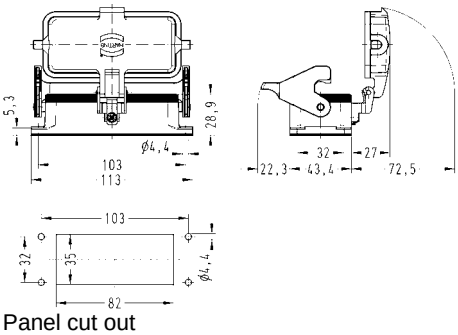
double locking lever

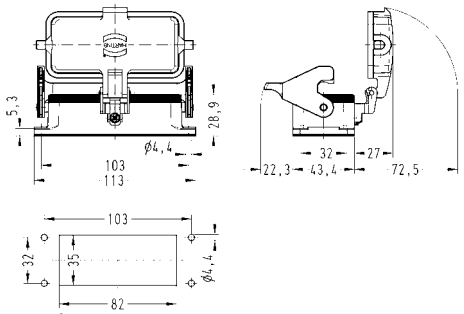
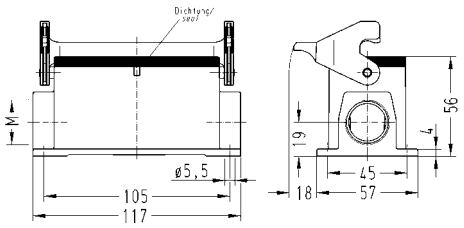
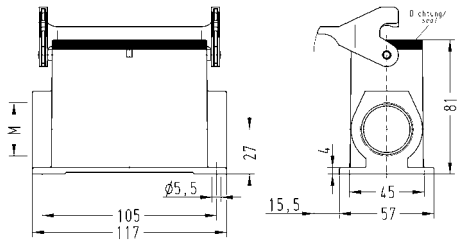
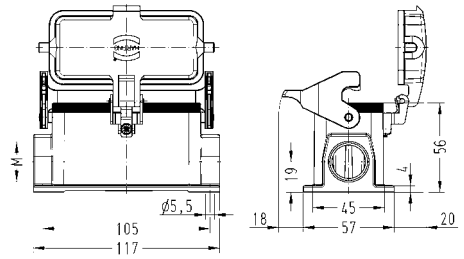
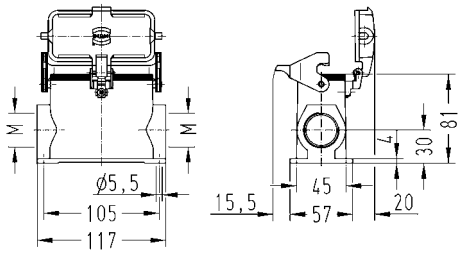
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Hoods, top entry, Han-Easy Lock® 	1xM25 1xM32 1xM40	19 30 016 1431 19 30 016 1432	19 30 016 0437 19 30 016 0438	 
Han® B, Hoods, side entry, Han-Easy Lock® 	1xM25 1xM32 1xM40	19 30 016 1531	19 30 016 0537 19 30 016 0538	 

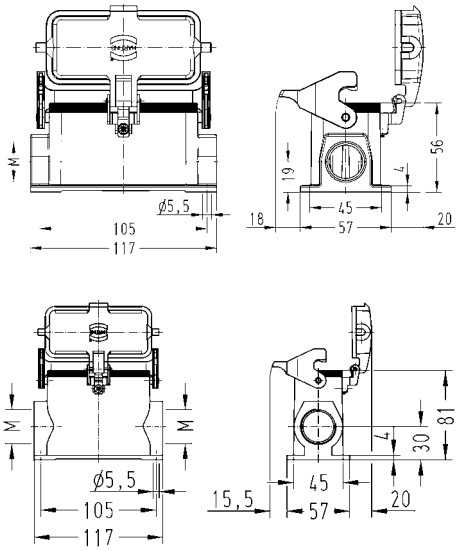
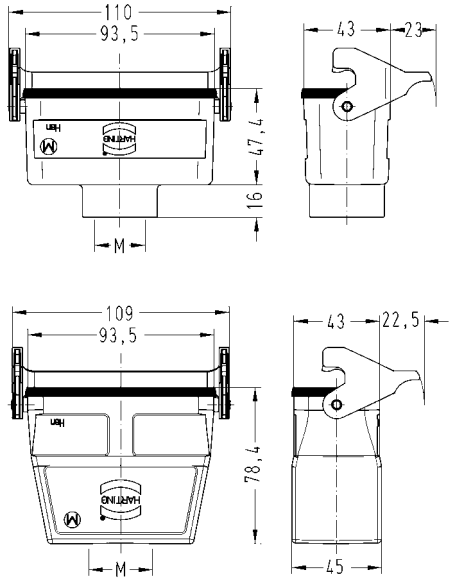
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Hoods, flat cable entry, Han-Easy Lock® 			09 30 016 4431	
Han® B, Bulkhead mounted housings, with thermo-plastic cover 		09 30 016 0302		 Panel cut out
Han® B, Surface mounted housings, side entry, with thermo-plastic cover 	1xM25 2xM25 2xM32	19 30 016 1226 19 30 016 1266	19 30 016 0267	

single locking lever

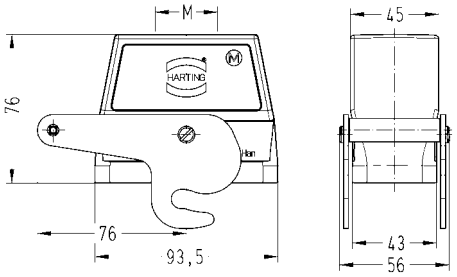
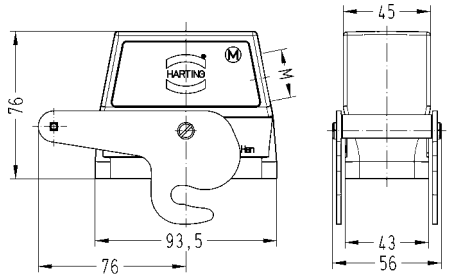
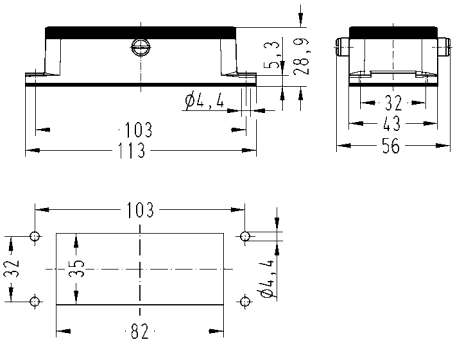
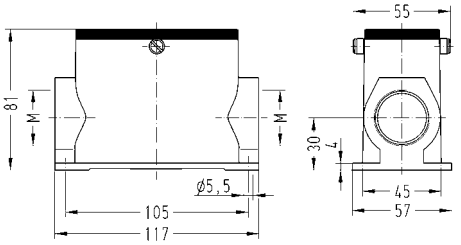
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Hoods, top entry	1xM25 1xM32 1xM40	19 30 016 1441 19 30 016 1442	19 30 016 0447 19 30 016 0448	
Han® B, Hoods, side entry	1xM25 1xM32 1xM40	19 30 016 1541 19 30 016 1542	19 30 016 0547 19 30 016 0548	
Han® B, Hoods, flat cable entry			09 30 016 4441	

Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Hoods, without cable entry 			09 30 016 0803	
Han® B, Protection cover for hoods, metal, Han-Easy Lock® 		09 30 016 5432	09 30 016 5432	
Han® B, Bulkhead mounted housings, Han-Easy Lock® 		09 30 016 0307		 Panel cut out
Han® B, Bulkhead mounted housings, Han-Easy Lock®, with thermo-plastic cover 		09 30 016 0306		 Panel cut out

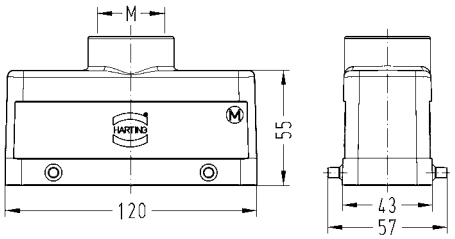
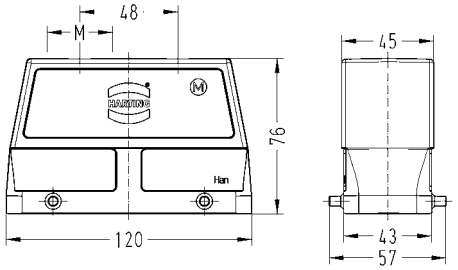
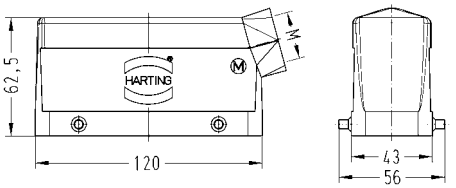
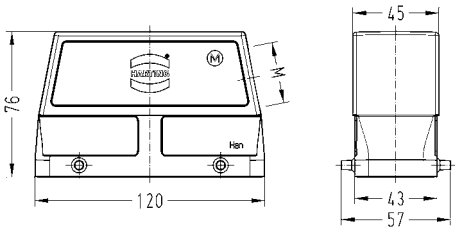
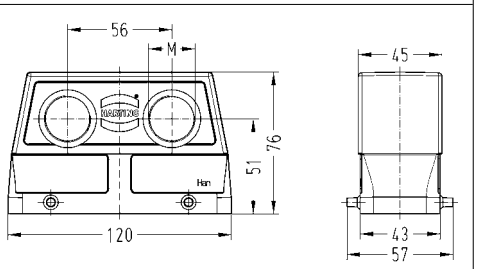
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Bulkhead mounted housings, Han-Easy Lock®, with metal cover 		09 30 016 0318		 Panel cut out
Han® B, Surface mounted housings, side entry, Han-Easy Lock® 	1xM25 1xM32 2xM25 2xM32	19 30 016 1251 19 30 016 1291	19 30 016 0252 19 30 016 0291 19 30 016 0292	 
Han® B, Surface mounted housings, side entry, Han-Easy Lock®, with thermo-plastic cover 	1xM25 2xM25 2xM32	19 30 016 1256 19 30 016 1296	19 30 016 0297	 

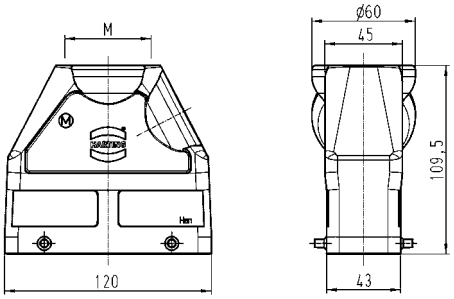
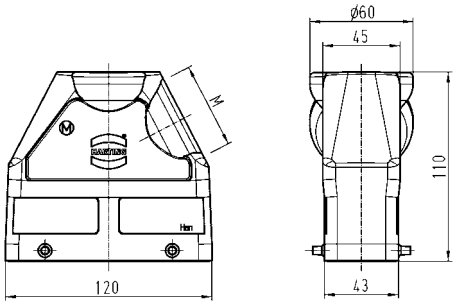
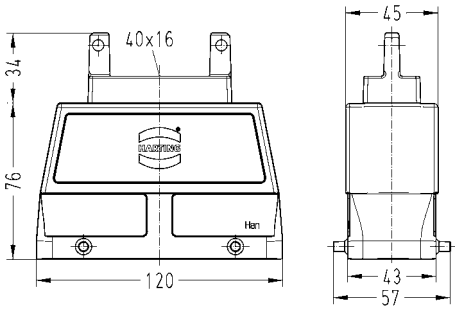
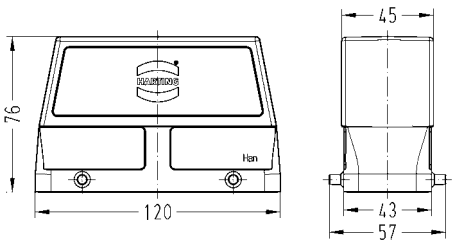
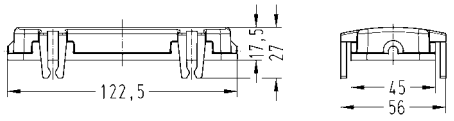
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Surface mounted housings, side entry, Han-Easy Lock®, with metal cover 	2xM25 2xM32	19 30 016 2296	19 30 016 7297	
Han® B, Cable to cable housings, top entry, Han-Easy Lock® 	1xM25 1xM32	19 30 016 1751 19 30 016 1752	19 30 016 0757	

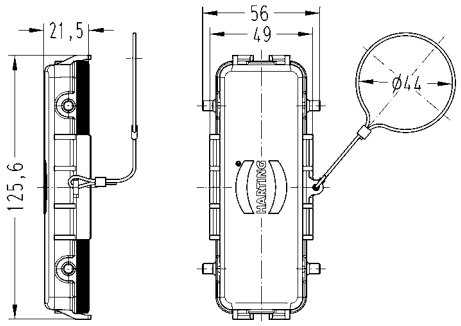
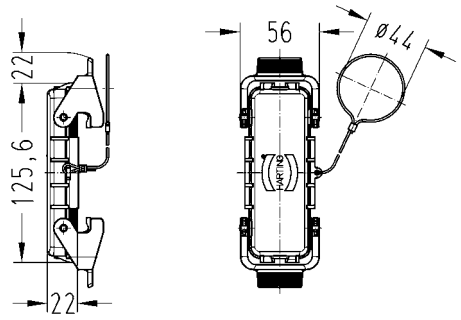
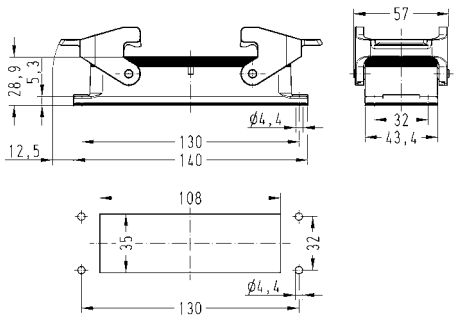
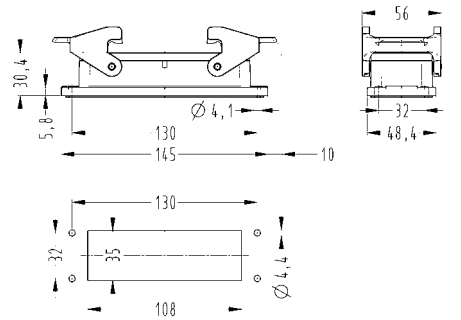
central locking lever

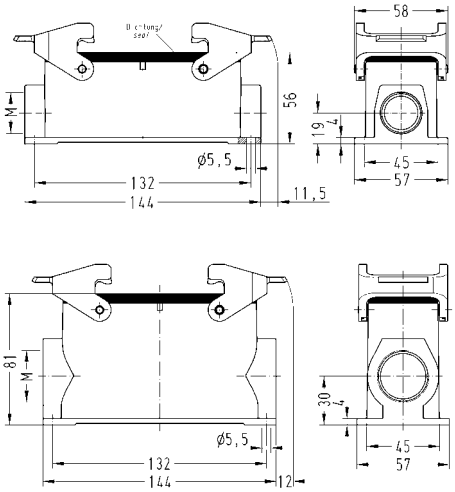
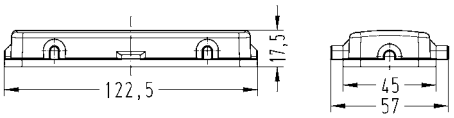
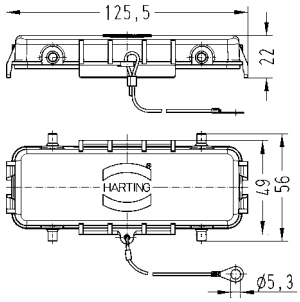
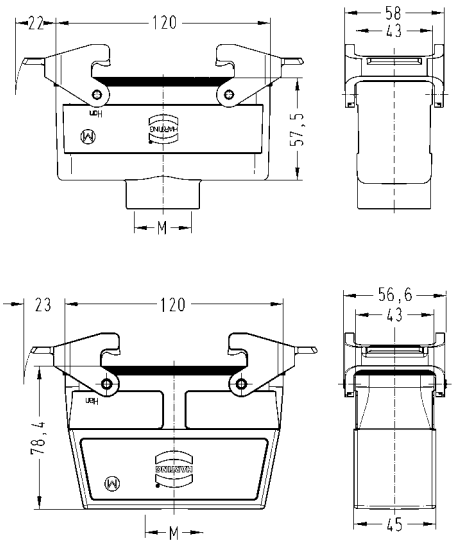
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Hoods, top entry	1xM32		19 30 016 0487	
Han® B, Hoods, side entry	1xM25 1xM32		19 30 016 0586 19 30 016 0587	
Han® B, Bulkhead mounted housings		09 30 016 0381		 Panel cut out
Han® B, Surface mounted housings, side entry	2xM32		19 30 016 0282	

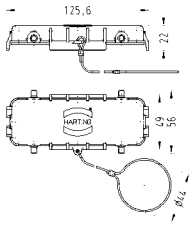
double locking lever

Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Hoods, top entry	1xM32 1xM40 2xM32 2xM40	19 30 024 1422	19 30 024 0427 19 30 024 0428 19 30 024 0467 19 30 024 0468	 
Han® B, Hoods, side entry	1xM25 1xM32 1xM40	19 30 024 1521 19 30 024 1522	19 30 024 0527 19 30 024 0528	 
Han® B, Hoods, angled entry	2xM25		19 30 024 0666	

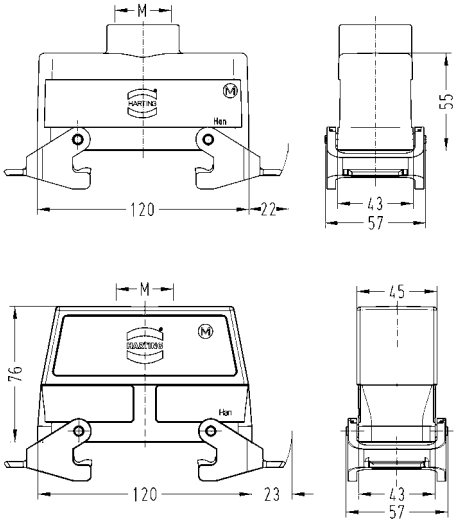
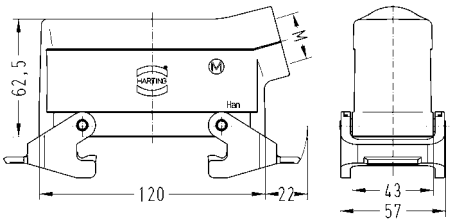
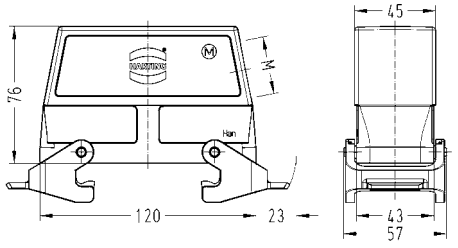
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Hoods, top entry, special type	1xM50		19 30 024 0429	
Han® B, Hoods, side entry, special type	1xM40 1xM50		19 30 024 0523 19 30 024 0529	
Han® B, Hoods, flat cable entry			09 30 024 4411	
Han® B, Hoods, without cable entry			09 30 024 0801	
Han® B, Protection cover for hoods, plastic, with grounding pins		09 30 024 5401	09 30 024 5401	

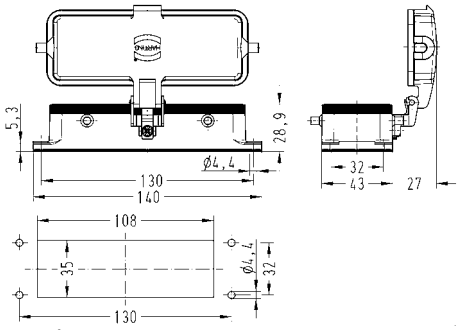
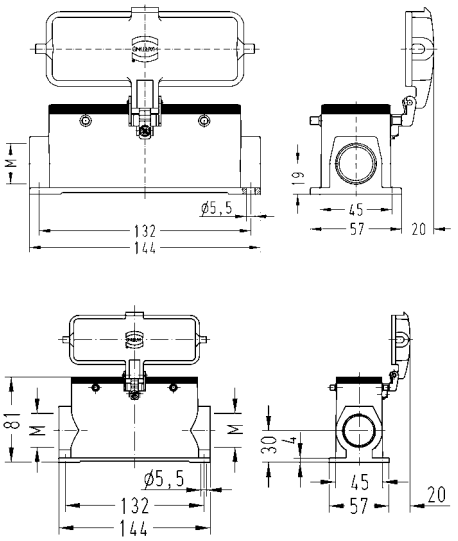
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Protection cover for hoods, metal, with securing flex 		09 30 024 5442	09 30 024 5442	
Han® B, Protection cover for hoods, metal, Han-Easy Lock®, with securing flex 		09 30 024 5422	09 30 024 5422	
Han® B, Bulkhead mounted housings, Han-Easy Lock® 		09 30 024 0301		 Panel cut out
Han® B, Bulkhead mounted housings, Han-Easy Lock®, IP67 		09 30 024 1301		

Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Surface mounted housings, side entry, Han-Easy Lock® 	1xM25 1xM32 2xM25 2xM32 2xM40	19 30 024 1231 19 30 024 1271	 19 30 024 0232 19 30 024 0272 19 30 024 0273	
Han® B, Cover for housings, plastic 		09 30 024 5405	09 30 024 5405	
Han® B, Cover for housings, metal, with securing flex 		09 30 024 5425	09 30 024 5425	
Han® B, Cable to cable housings, top entry, Han-Easy Lock® 	1xM32 1xM40	19 30 024 1732	19 30 024 0737 19 30 024 0738	

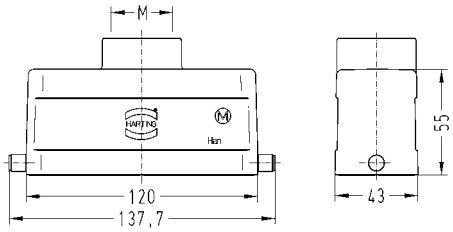
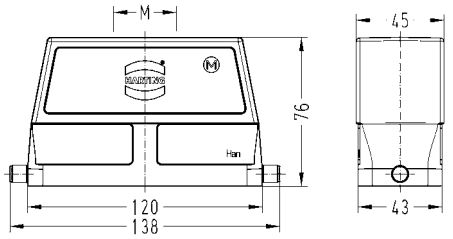
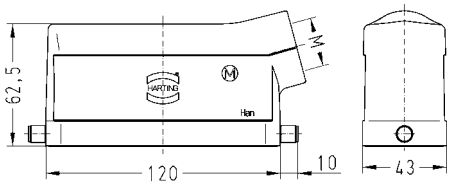
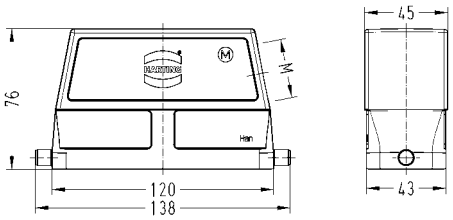
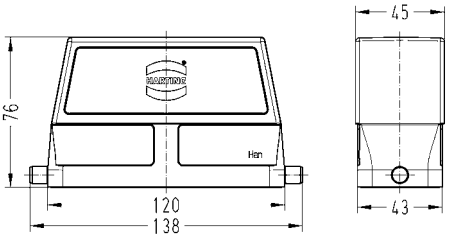
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Protection cover for cable to cable housings, metal, with securing flex		09 30 024 5426	09 30 024 5426	
Han® B, Dust protection cover, plastic		09 30 024 5406	09 30 024 5406	

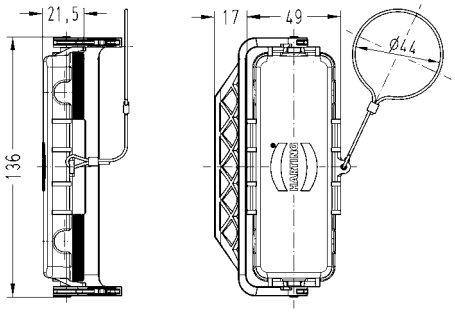
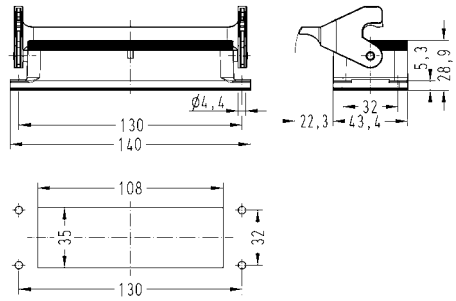
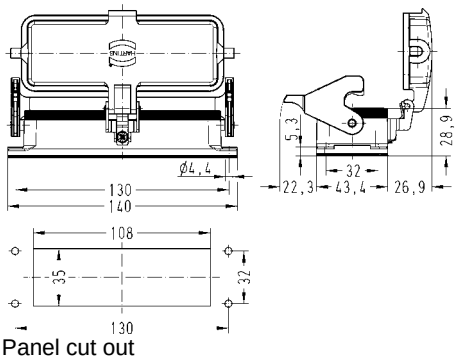
double locking lever

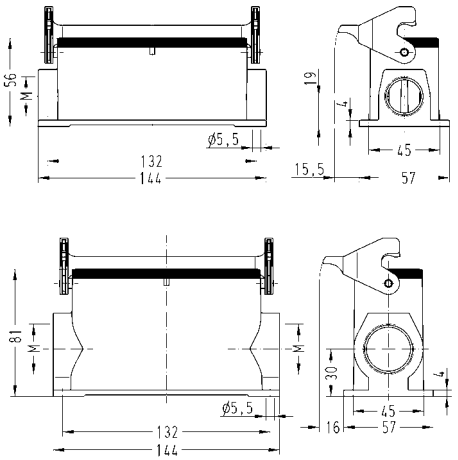
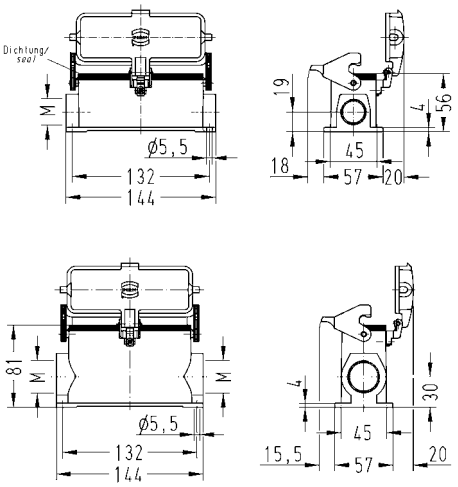
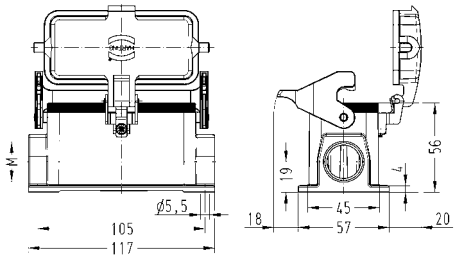
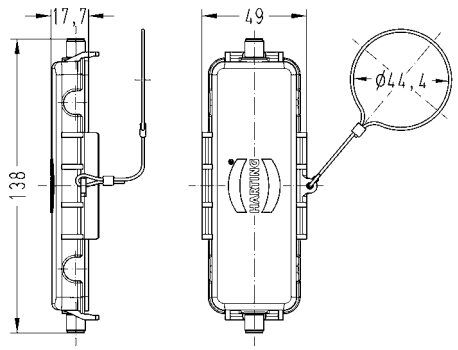
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Hoods, top entry, Han-Easy Lock® 	1xM32 1xM40	19 30 024 1432	19 30 024 0437 19 30 024 0438	
Han® B, Hoods, side entry, Han-Easy Lock® 	1xM25 1xM32 1xM40	19 30 024 1531	19 30 024 0537 19 30 024 0538	 

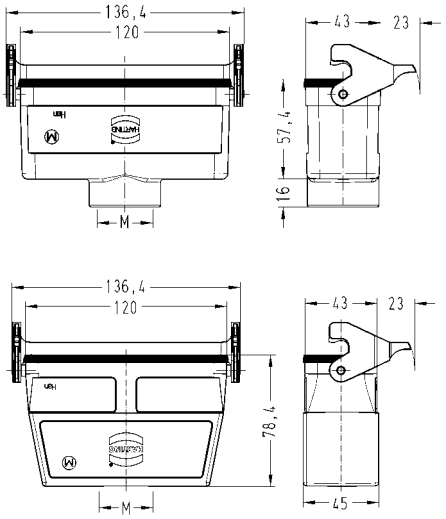
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Bulkhead mounted housings, with thermo-plastic cover		09 30 024 0302		 Panel cut out
Han® B, Surface mounted housings, side entry, with thermo-plastic cover	1xM25 2xM25 2xM32	19 30 024 1226 19 30 024 1266	19 30 024 0267	

single locking lever

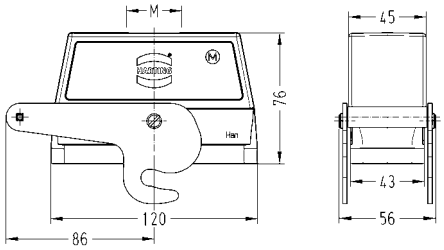
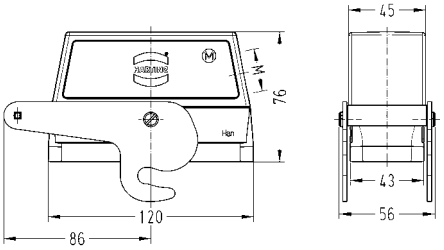
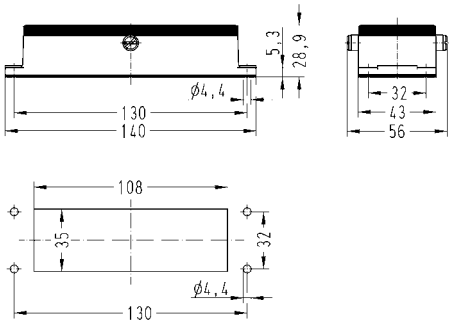
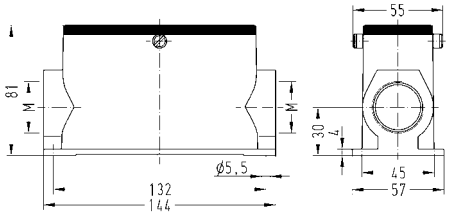
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Hoods, top entry	1xM32 1xM40	19 30 024 1442	19 30 024 0447 19 30 024 0448	 
Han® B, Hoods, side entry	1xM25 1xM32 1xM40	19 30 024 1541 19 30 024 1542	19 30 024 0547 19 30 024 0548	 
Han® B, Hoods, without cable entry			09 30 024 0803	

Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Protection cover for hoods, metal, Han-Easy Lock®, with securing flex 		09 30 024 5432	09 30 024 5432	
Han® B, Bulkhead mounted housings, Han-Easy Lock® 		09 30 024 0307		 Panel cut out
Han® B, Bulkhead mounted housings, Han-Easy Lock®, with thermo-plastic cover 		09 30 024 0304		 Panel cut out
Han® B, Bulkhead mounted housings, Han-Easy Lock®, with metal cover 		09 30 024 0318		

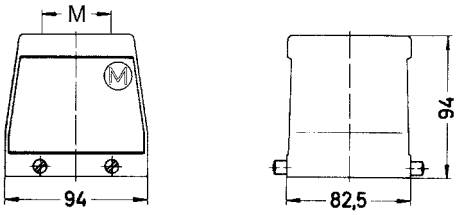
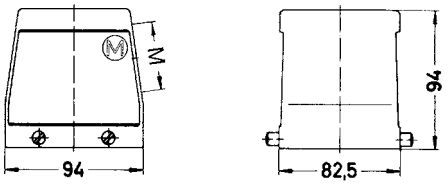
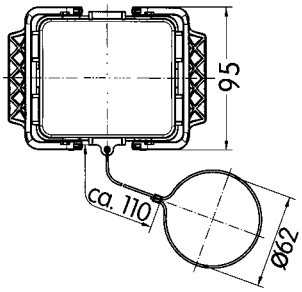
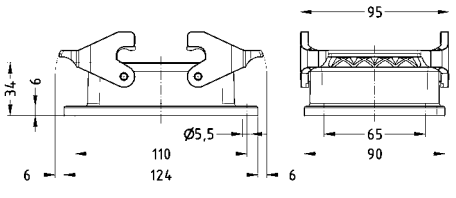
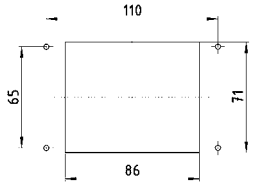
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Surface mounted housings, side entry, Han-Easy Lock®	1xM25 2xM25 2xM32	19 30 024 1251 19 30 024 1291	19 30 024 0292	
Han® B, Surface mounted housings, side entry, Han-Easy Lock®, with thermo-plastic cover	1xM25 2xM25 2xM32	19 30 024 1256 19 30 024 1296	19 30 024 0297	
Han® B, Surface mounted housings, side entry, Han-Easy Lock®, with metal cover	2xM25 2xM32	19 30 024 2296	19 30 024 7297	
Han® B, Cover for housings, metal		09 30 024 5436	09 30 024 5436	

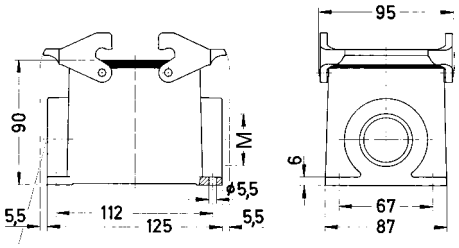
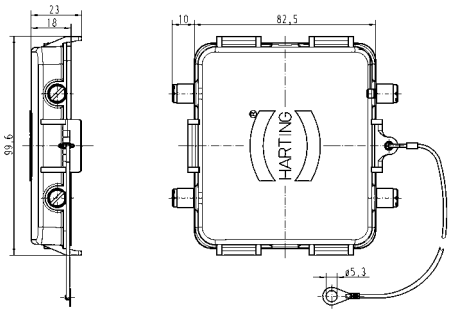
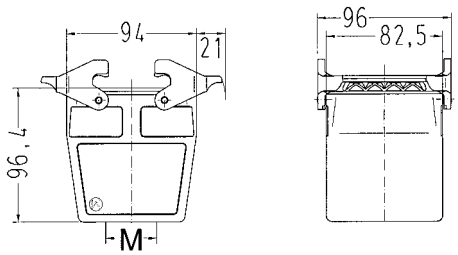
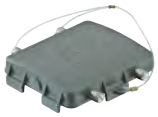
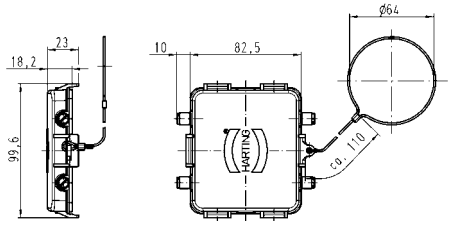
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Cable to cable housings, top entry, Han-Easy Lock® 	1xM32	19 30 024 1752	19 30 024 0757	

central locking lever

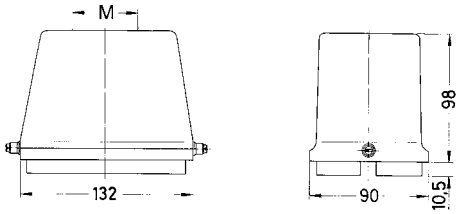
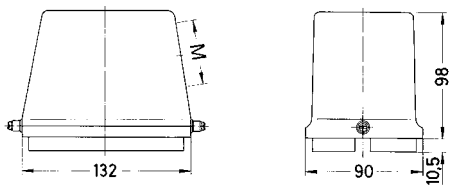
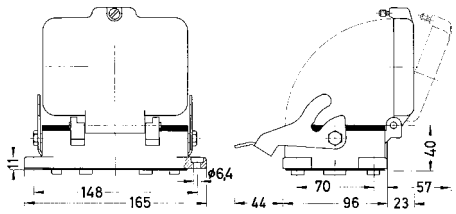
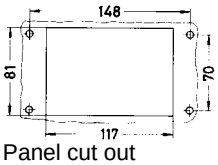
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Hoods, top entry	1xM32		19 30 024 0487	
Han® B, Hoods, side entry	1xM25 1xM32 1xM40		19 30 024 0586 19 30 024 0587 19 30 024 0588	
Han® B, Bulkhead mounted housings		09 30 024 0381		 Panel cut out
Han® B, Surface mounted housings, side entry	2xM32		19 30 024 0282	

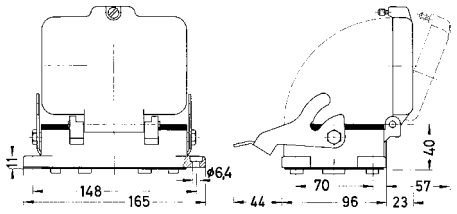
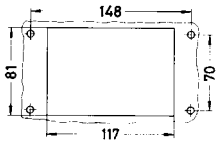
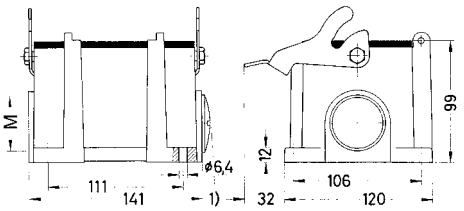
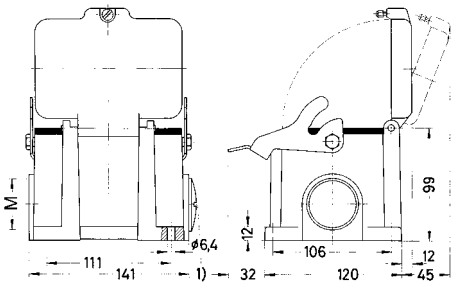
double locking lever

Identification	Cable entry	Part number High construction	Part number Low construction	Drawing Dimensions in mm
Han® B, Hoods, top entry	1xM32 1xM40 1xM50	19 30 032 0427 19 30 032 0428 19 30 032 0429		
Han® B, Hoods, side entry	1xM32 1xM40 1xM50	19 30 032 0527 19 30 032 0528 19 30 032 0529		
Han® B, Protection cover for hoods, metal, with securing flex		09 30 032 5420	09 30 032 5420	
Han® B, Bulkhead mounted housings, Han-Easy Lock®			09 30 032 0301	  Panel cut out

Identification	Cable entry	Part number High construction	Part number Low construction	Drawing Dimensions in mm
Han® B, Surface mounted housings, side entry, Han-Easy Lock® 	1xM32 2xM32 2xM40	19 30 032 0232 19 30 032 0272 19 30 032 0273		
Han® B, Cover for housings, metal, with securing flex 		09 30 032 5425	09 30 032 5425	
Han® B, Cable to cable housings, top entry, Han-Easy Lock® 	1xM40	19 30 032 0738		
Han® B, Protection cover for cable to cable housings, metal, with securing flex 		09 30 032 5426 09 30 032 5427	09 30 032 5426 09 30 032 5427	

single locking lever

Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Hoods, top entry	1xM40 1xM50 1xM63		19 30 048 0448 19 30 048 0449 19 30 048 0450	
Han® B, Hoods, side entry	1xM40 1xM50		19 30 048 0548 19 30 048 0549	
Han® B, Bulkhead mounted housings, with thermo-plastic cover		09 30 048 0301		  Panel cut out

Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Bulkhead mounted housings, with metal cover 		09 30 048 0317		  Panel cut out
Han® B, Surface mounted housings, side entry 	2xM32 2xM40		19 30 048 0292 19 30 048 0293	
Han® B, Surface mounted housings, side entry, with thermo-plastic cover 	2xM40		19 30 048 0298	

Features

- Metal hoods/housings for industrial applications

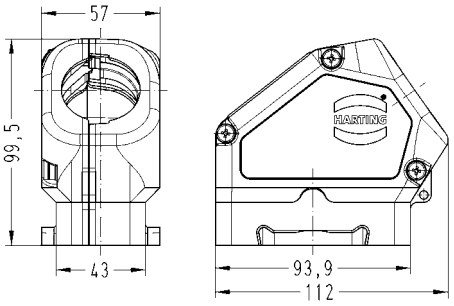
Technical characteristics

Limiting temperatures	-40 °C ... 125 °C
Flammability (locking lever) acc. to UL 94	V 0
Protection class acc. to UL 50	NEMA type 4/4X/12
Degree of protection acc. to IEC 60529	IP65 / IP67
Material (hoods/housings)	aluminium
Surface (hoods/housings)	powder-coated
Material (locking lever)	polycarbonate + stainless steel
Colour (locking lever)	RAL 7037 (grey)
Material (seal)	NBR

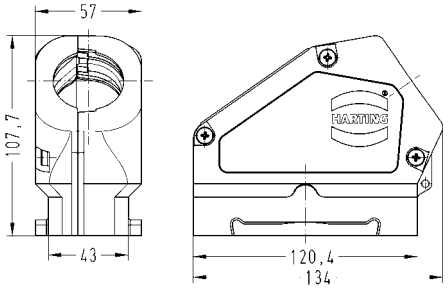
Specifications and approvals

GL

double locking lever

Identification	Part number	Drawing Dimensions in mm
Han® Easy Hood, Hoods, side entry	11 30 016 0520	

double locking lever

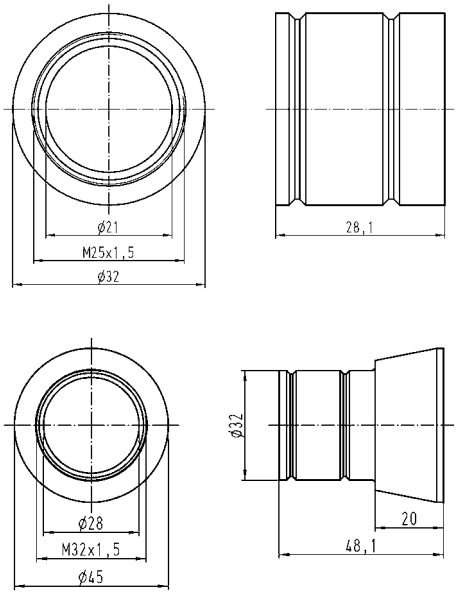
Identification	Part number	Drawing Dimensions in mm
Han® Easy Hood, Hoods, side entry	11 30 024 0520	

Technical characteristics

Material (accessories) plastic

Technical characteristics

Colour (accessories) black

Identification	Clamping range (mm)	Size	Part number	Drawing Dimensions in mm
Thread adapter		M25 M32	11 30 000 9961 11 30 000 9962	
Han® Easy Hood, Cable seal	20 ... 22 23 ... 25 26 ... 28 29 ... 31 32 ... 34		11 30 000 9955 11 30 000 9956 11 30 000 9957 11 30 000 9958 11 30 000 9959	

Han-Drive® hoods/housings

Features

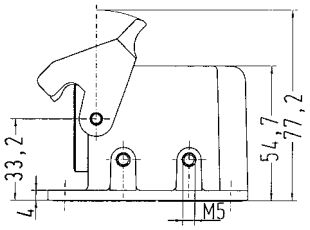
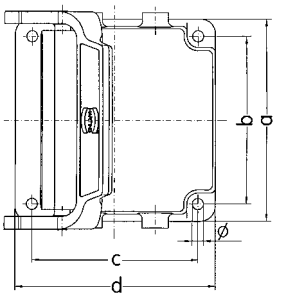
- Angled housing replaces the terminal box
- Compact design saves space
- The position of the terminal housing can be switched by 90°
- Compatible with standard hoods for single lever size 10 B
- Locking levers: Han-Easy Lock®
- Star and delta circuits can be realized in the female connector Han® ESS
- Suitable for standard inserts

Technical characteristics

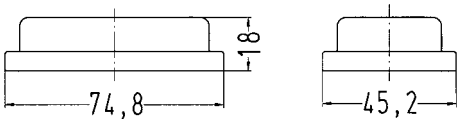
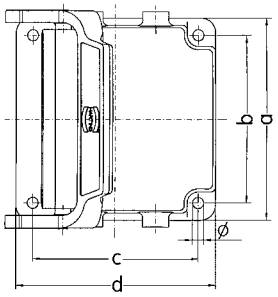
Limiting temperatures	-40 °C ... 125 °C
Flammability (locking lever) acc. to UL 94	V 0
Protection class acc. to UL 50	NEMA type 4/4X/12
Degree of protection acc. to IEC 60529	IP65
Material (hoods/housings)	aluminium
Surface (hoods/housings)	unpainted, powder-coated
Colour (hoods/housings)	unpainted, RAL 7037 (grey)
Material (locking lever)	polycarbonate + stainless steel
Colour (locking lever)	RAL 7037 (grey)
Material (seal)	NBR

Specifications and approvals

single locking lever

Identification	Part number	Drawing Dimensions in mm
Han-Drive®, Housings for motor termination, unpainted, Han-Easy Lock®	09 30 410 0901 09 30 410 0909 09 30 410 0921	
Han-Drive®, Housings for motor termination, unpainted, with protection cover, Han-Easy Lock®	09 30 410 0951 09 30 410 0960 09 30 410 0970 09 30 410 0971 09 30 410 0974 09 30 410 0983	
Han-Drive®, Housings for motor termination, powder-coated RAL 7037, Han-Easy Lock®	09 30 010 0901 09 30 010 0902	
Han-Drive®, Housings for motor termination, powder-coated RAL 7037, with protection cover, Han-Easy Lock®	09 30 010 0961	

	a	b	c	d	ø
09 30 010 0901	82	68	68	82	4.5
09 30 010 0902	98			98	
09 30 010 0961	82	70	70	82	
09 30 410 0901	82	68	68	82	4.5
09 30 410 0909	98			98	
09 30 410 0921	85	73	73	85	
09 30 410 0951	82	68	68	82	4.5
09 30 410 0960	98	70	70	98	4.3
09 30 410 0970	92	77	77	92	4.3
09 30 410 0971	85	73	73	85	5.5
09 30 410 0974	92	70	70	92	4.3
09 30 410 0983	92	80	80	92	5.1
09 62 810 0901	82	68	68	82	4.5
09 62 810 0974	92	70	70	92	4.1

Identification	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® B, Dust protection cover, plastic	09 30 010 5406	09 30 010 5406	
Han-Drive®, EMC housings, Han-Easy Lock®	09 62 810 0901		
Han-Drive®, EMC housings, Han-Easy Lock®, with cover	09 62 810 0974		

	a	b	c	d	⌀
09 30 010 0901	82	68	68	82	4.5
09 30 010 0902	98			98	
09 30 010 0961	82	70	70	82	
09 30 410 0901	82	68	68	82	4.5
09 30 410 0909	98			98	
09 30 410 0921	85	73	73	85	
09 30 410 0951	82	68	68	82	4.5
09 30 410 0960	98	70	70	98	4.3
09 30 410 0970	92	77	77	92	4.3
09 30 410 0971	85	73	73	85	5.5
09 30 410 0974	92	70	70	92	4.3
09 30 410 0983	92	80	80	92	5.1
09 62 810 0901	82	68	68	82	4.5
09 62 810 0974	92	70	70	92	4.1

Features

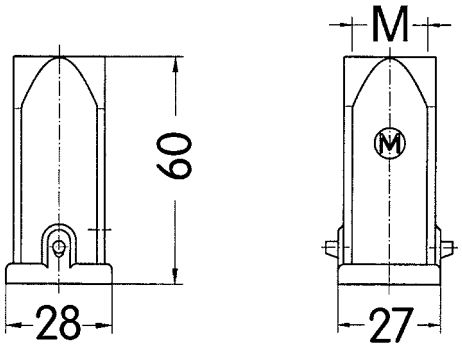
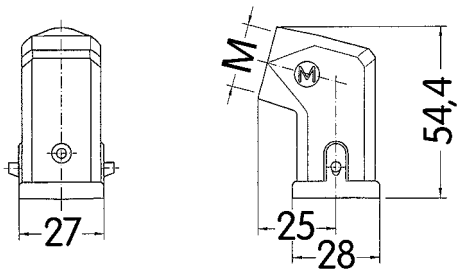
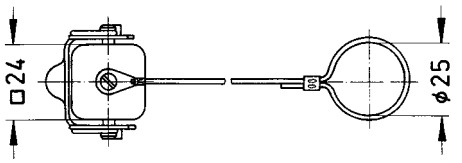
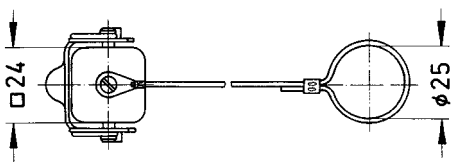
- Hoods/Housings for higher environmental requirements

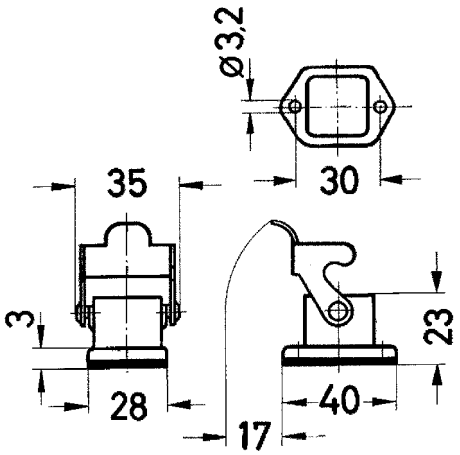
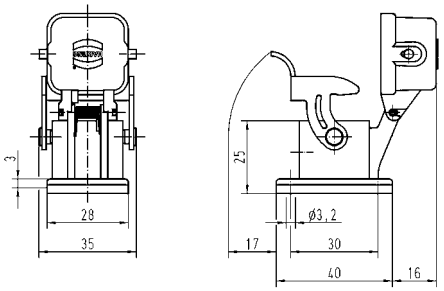
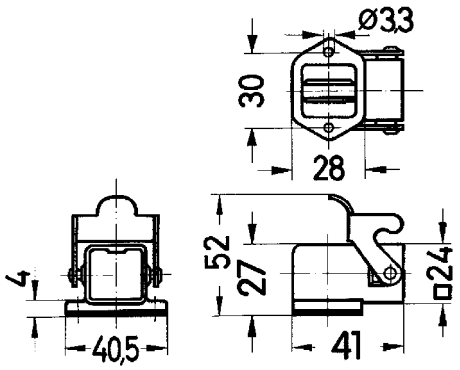
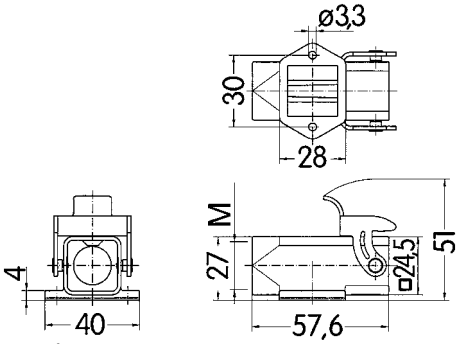
Technical characteristics

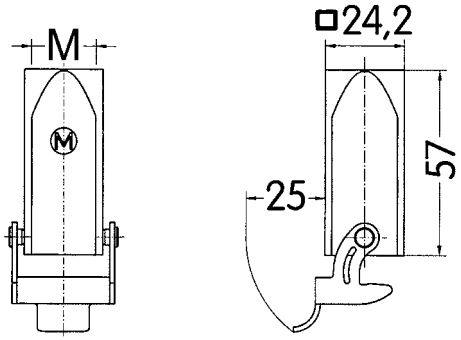
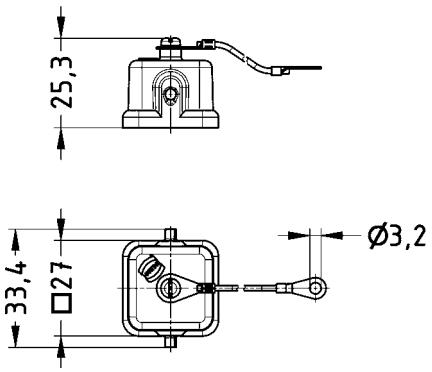
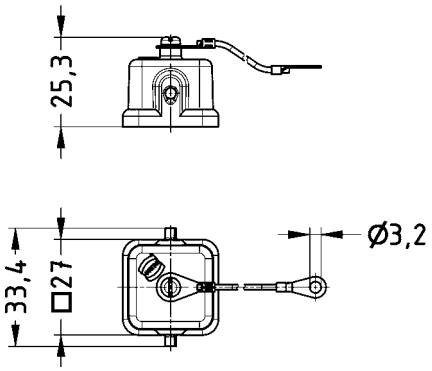
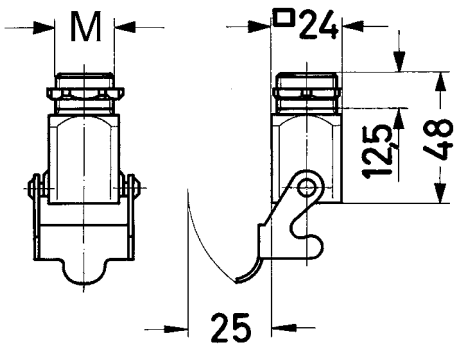
Limiting temperatures	-40 °C ... 125 °C
Protection class acc. to UL 50	NEMA type 4/4X/12
Degree of protection acc. to IEC 60529	IP65 / IP67
Corrosion resistance	ASTM B117-09 (500 h)
Material (hoods/housings)	zinc die-cast
Surface (hoods/housings)	powder-coated
Colour (hoods/housings)	RAL 9005 (black)
Material (locking lever)	stainless steel
Material (seal)	FPM

Specifications and approvals

Hoods/Housings for higher environmental requirements
double locking lever

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® M, Hoods, top entry 	1xM20	19 37 003 1440	
Han® M, Hoods, side entry 	1xM20	19 37 003 1640	
Han® M, Protection cover for hoods, metal, for female inserts, with securing flex 		09 37 003 5401	
Han® M, Protection cover for hoods, metal, for male inserts, with securing flex 		09 37 003 5402	

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® M, Bulkhead mounted housings, straight 		09 37 003 0301	 Panel cut out 22 x 22 mm
Han® M, Bulkhead mounted housings, straight, with cover 		09 37 003 0305	
Han® M, Bulkhead mounted housings, angled 		09 37 003 0801	 Panel cut out 22 x 22 mm
Han® M, Surface mounted housings, top entry 	1xM20	19 37 003 1250	 Panel cut out 22 x 22 mm

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® M, Cable to cable housings, top entry	1xM20	19 37 003 1750	
Han® M, Protection cover for housings, for mounted female insert, metal, with securing flex		09 37 003 5405	
Han® M, Protection cover for housings, for mounted male insert, metal, with securing flex		09 37 003 5406	
Han® M, Screw mounted housings, top entry	1xM20	19 37 003 1150	

Features

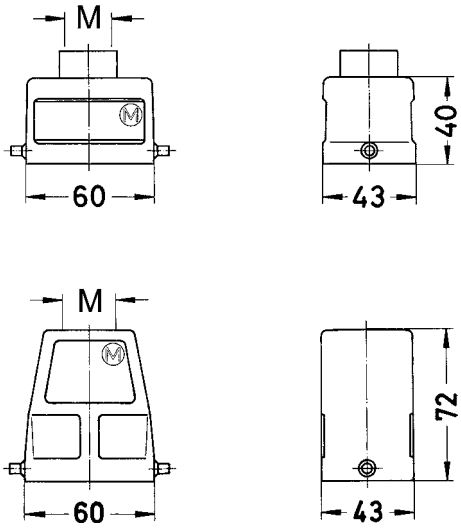
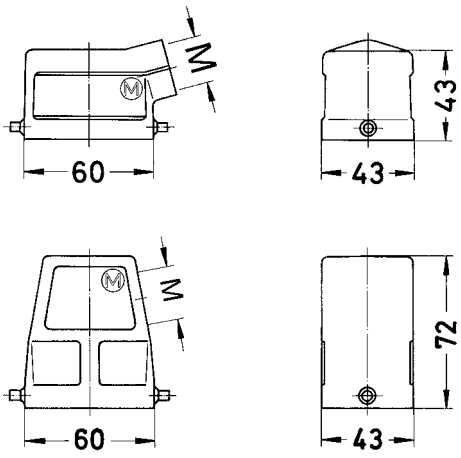
- Hoods/Housings for higher environmental requirements

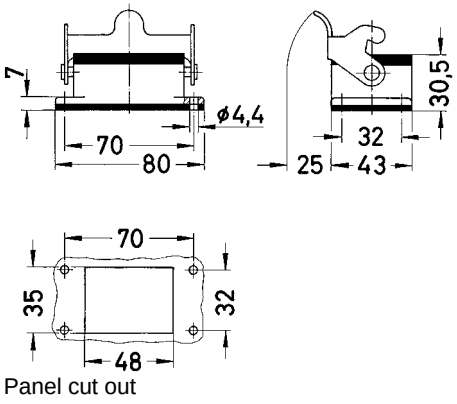
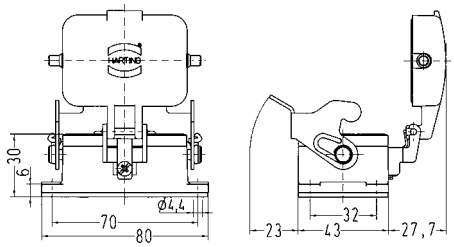
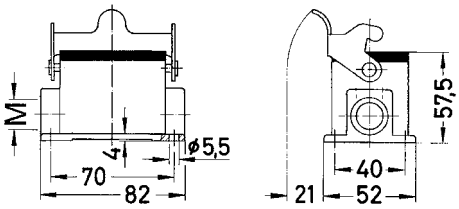
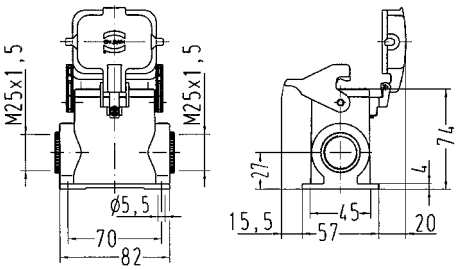
Technical characteristics

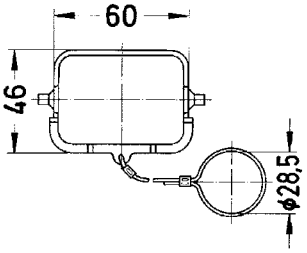
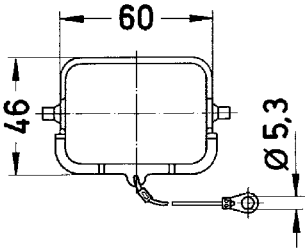
Limiting temperatures	-40 °C ... 125 °C
Flammability (locking lever) acc. to UL 94	V 0
Protection class acc. to UL 50	NEMA type 4/4X/12
Degree of protection acc. to IEC 60529	IP65
Corrosion resistance	ASTM B117-09 (500 h)
Material (hoods/housings)	aluminium
Surface (hoods/housings)	powder-coated
Colour (hoods/housings)	RAL 9005 (black)
Material (locking lever)	stainless steel, polycarbonate, polycarbonate + stainless steel
Material (seal)	FPM

Specifications and approvals

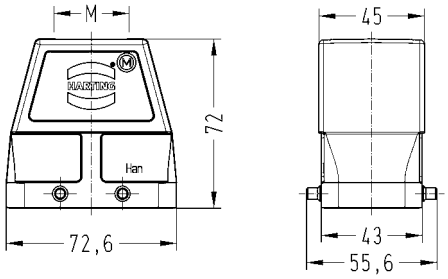
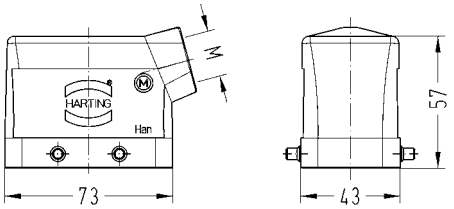
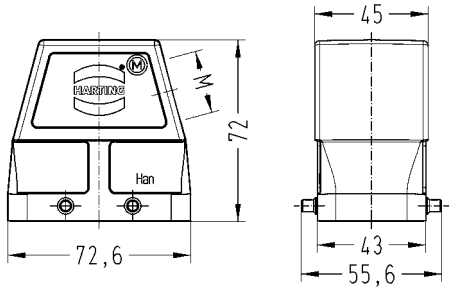
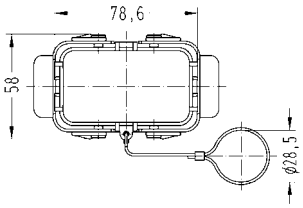
single locking lever

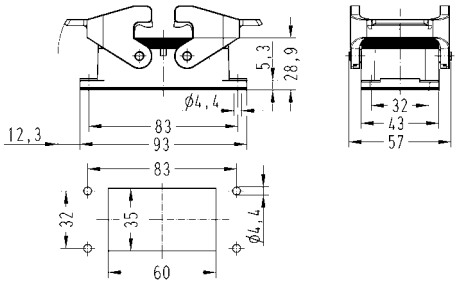
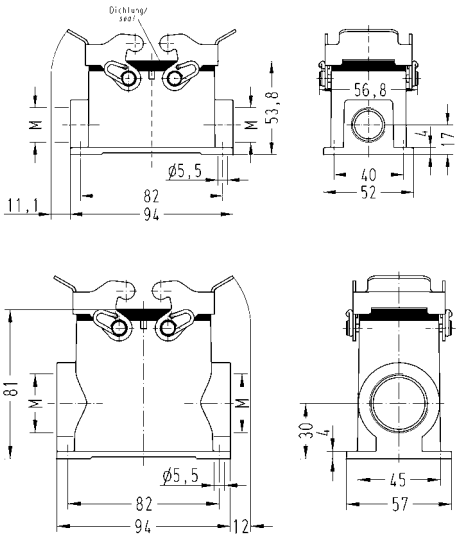
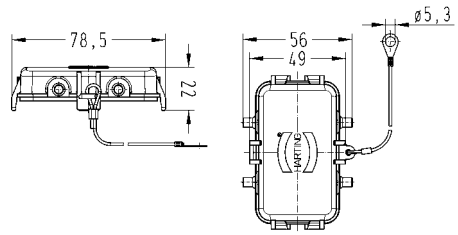
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® M, Hoods, top entry	1xM20 1xM25	19 37 006 1440	19 37 006 0445 19 37 006 0446	
Han® M, Hoods, side entry	1xM20 1xM25	19 37 006 1540	19 37 006 0545 19 37 006 0546	

Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® M, Bulkhead mounted housings 		09 37 006 0301		 Panel cut out
Han® M, Bulkhead mounted housings, with metal cover 		09 37 006 0318		
Han® M, Surface mounted housings, side entry 	2xM20	19 37 006 1290		
Han® M, Surface mounted housings, side entry, with thermo-plastic cover 	2xM25		19 37 006 0296	

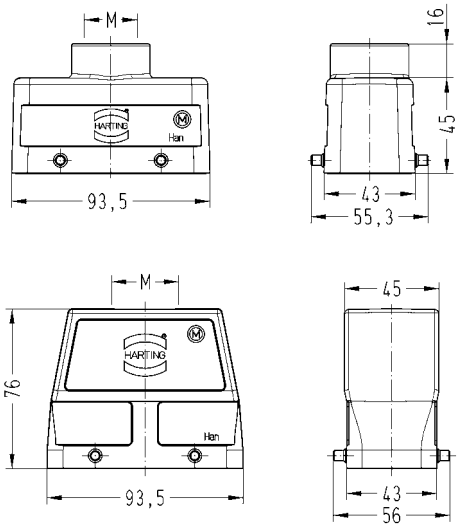
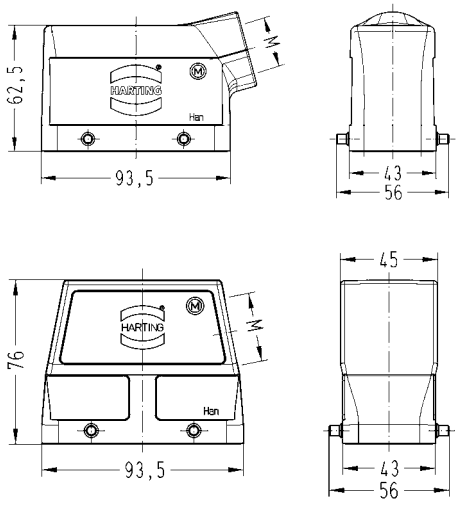
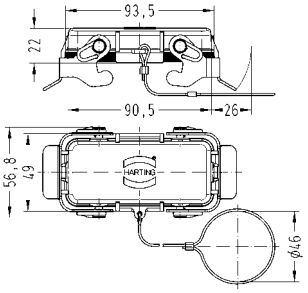
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® M, Protection cover, metal, with securing flex 		09 37 006 5407 09 37 006 5405	09 37 006 5407 09 37 006 5405	 

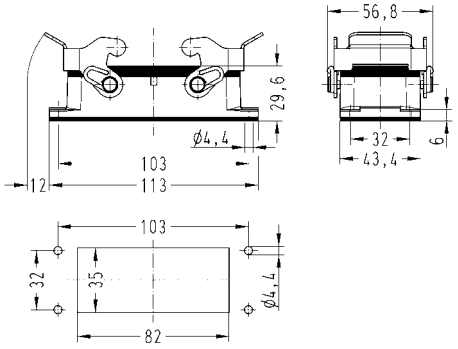
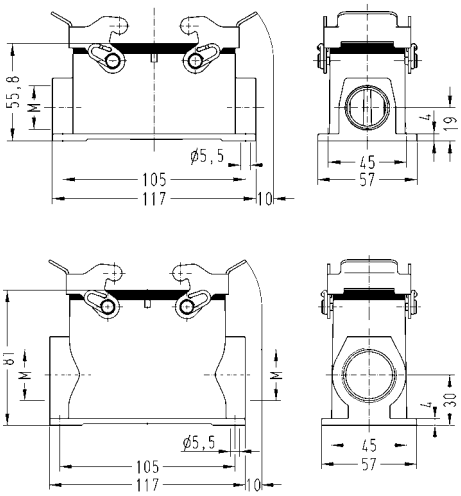
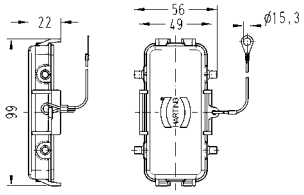
double locking lever

Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® M, Hoods, top entry 	1xM20 1xM25 1xM32 2xM20	19 37 010 1420	19 37 010 0426 19 37 010 0427 19 37 010 0465	
Han® M, Hoods, side entry 	1xM20 1xM25 1xM32 1xM40	19 37 010 1520	19 37 010 0526 19 37 010 0527 19 37 010 0528	 
Han® M, Protection cover for hoods, metal, with securing flex 		09 37 010 5403	09 37 010 5403	

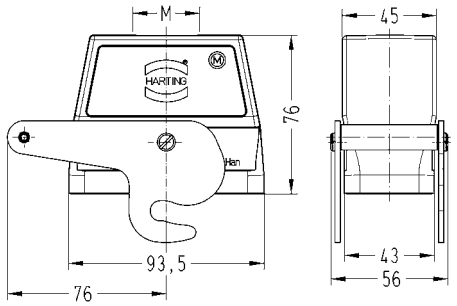
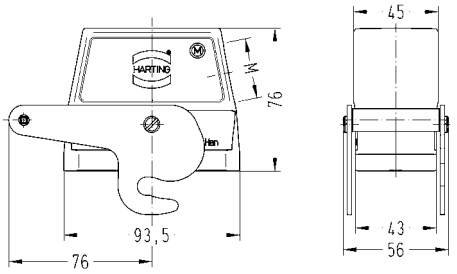
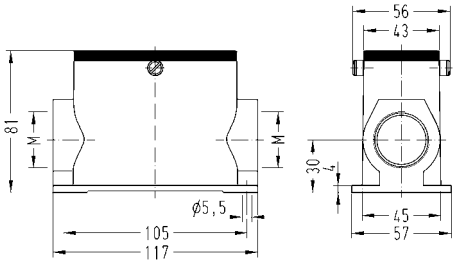
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® M, Bulkhead mounted housings 		09 37 010 0301		 Panel cut out
Han® M, Surface mounted housings, side entry 	2xM20 2xM25 2xM32	19 37 010 1270	19 37 010 0296 19 37 010 0272	
Han® M, Protection cover, metal, with securing flex 		09 37 010 5405	09 37 010 5405	

double locking lever

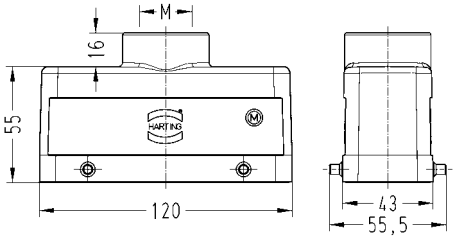
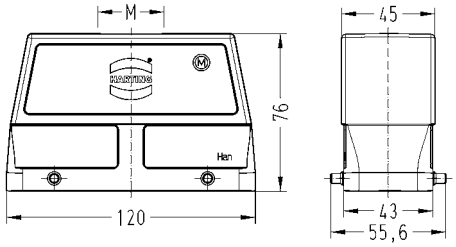
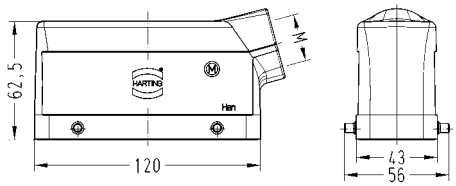
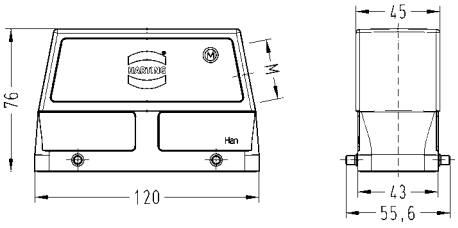
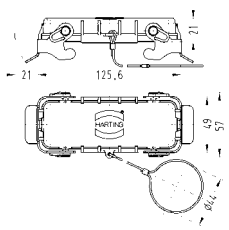
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® M, Hoods, top entry	1xM25 1xM32	19 37 016 1421	19 37 016 0427	
Han® M, Hoods, side entry	1xM25 1xM32 1xM40	19 37 016 1521	19 37 016 0527 19 37 016 0528	
Han® M, Protection cover for hoods, metal, with securing flex		09 37 016 5402	09 37 016 5402	

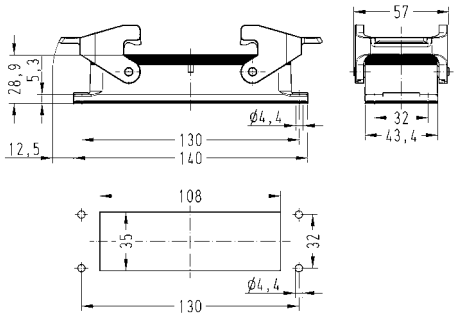
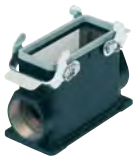
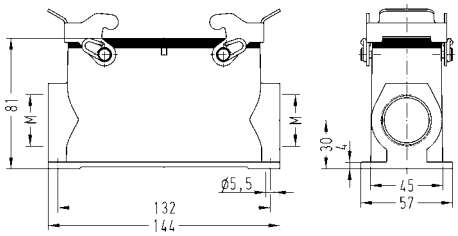
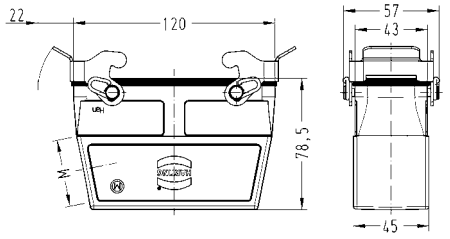
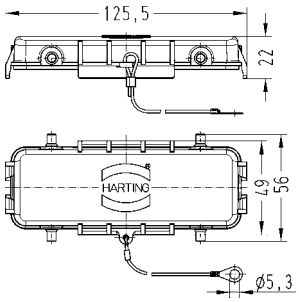
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® M, Bulkhead mounted housings 		09 37 016 0301		 Panel cut out
Han® M, Surface mounted housings, side entry 	1xM25 2xM32 2xM40	19 37 016 1231	19 37 016 0272 19 37 016 0273	
Han® M, Cover for housings, metal, with securing flex 		09 37 016 5405	09 37 016 5405	

central locking lever

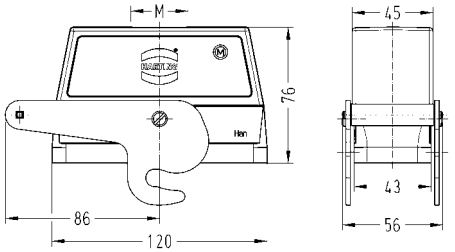
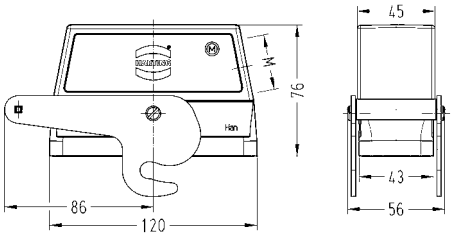
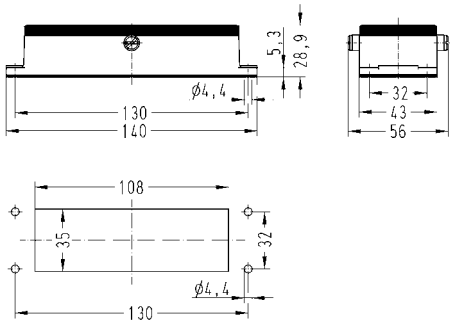
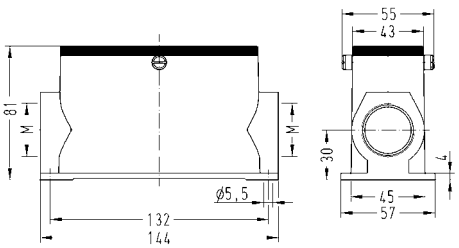
Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® M, Hoods, top entry	1xM32	19 37 016 0487	
Han® M, Hoods, side entry	1xM32	19 37 016 0587	
Han® M, Surface mounted housings, side entry	2xM32	19 37 016 0282	

double locking lever

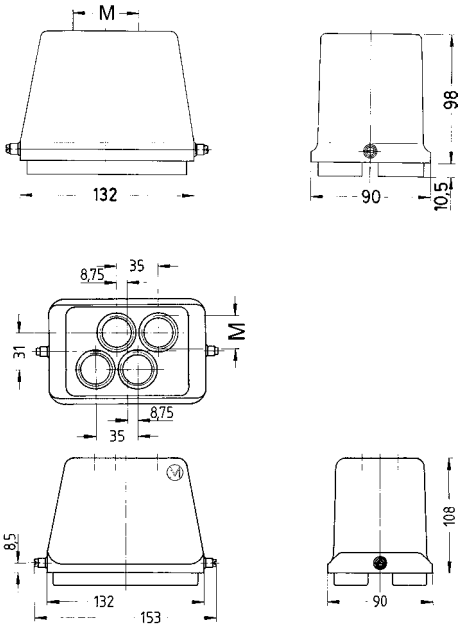
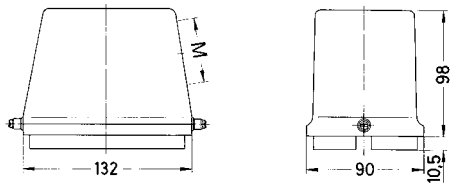
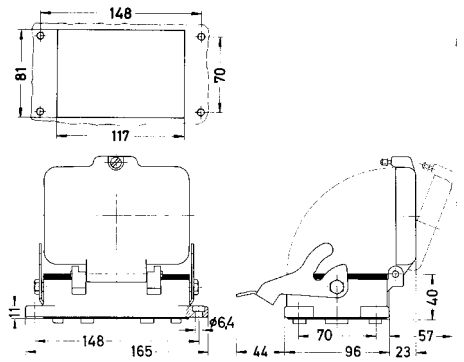
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® M, Hoods, top entry	1xM25 1xM32 1xM40	19 37 024 1421	19 37 024 0427 19 37 024 0428	 
Han® M, Hoods, side entry	1xM25 1xM32 1xM40	19 37 024 1521	19 37 024 0527 19 37 024 0528	 
Han® M, Protection cover for hoods, metal		09 37 024 5402	09 37 024 5402	

Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® M, Bulkhead mounted housings 		09 37 024 0301		 Panel cut out
Han® M, Surface mounted housings, side entry 	2xM32		19 37 024 0272	
Han® M, Cable to cable housings, side entry 	1xM40		19 37 024 0733	
Han® M, Protection cover for housings, metal, with securing flex 		09 37 024 5405	09 37 024 5405	

central locking lever

Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® M, Hoods, top entry	1xM32		19 37 024 0487	
Han® M, Hoods, side entry	1xM32		19 37 024 0587	
Han® M, Bulkhead mounted housings		09 37 024 0381		 Panel cut out
Han® M, Surface mounted housings, side entry	2xM32		19 37 024 0282	

single locking lever

Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® M, Hoods, top entry	1xM40 1xM50 4xM25		19 37 048 0448 19 37 048 0449 19 37 048 0401	
Han® M, Hoods, side entry	1xM40		19 37 048 0548	
Han® M, Bulkhead mounted housings		09 37 048 0301		

Han® 3 EMC hoods/housings

Features

- Hoods/Housings for higher EMC requirements
- Excellent shield transitions and a low transfer impedance
- **Field of application:** For sensitive interconnections that have to be shielded against electrical,magnetic or electro-magnetic interferences
- Distinguishing feature: Electrically conductive surface, internal seal

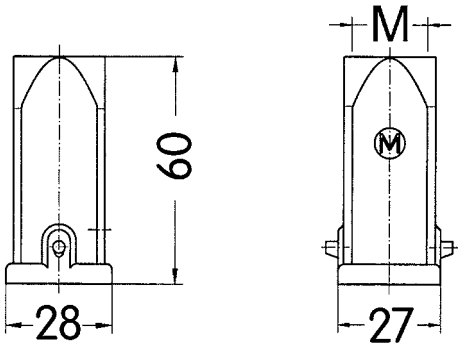
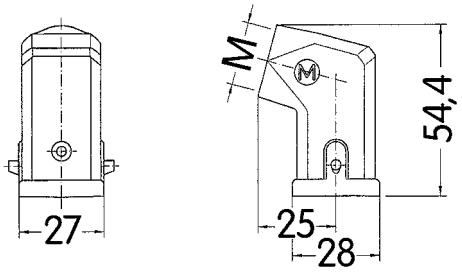
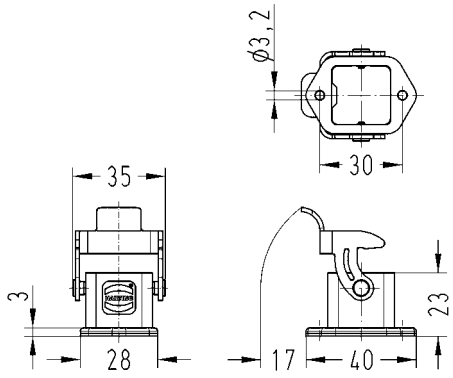
Technical characteristics

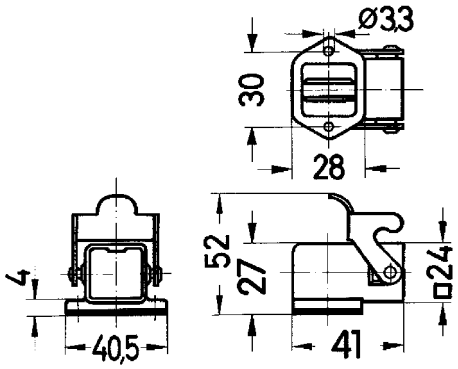
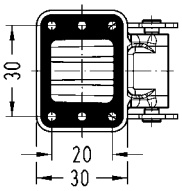
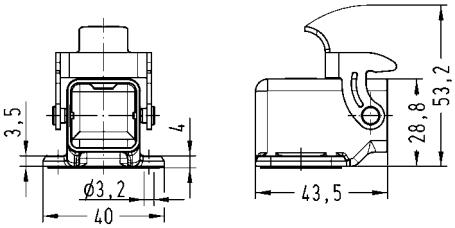
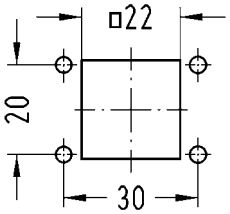
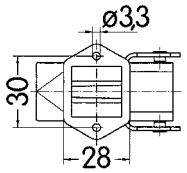
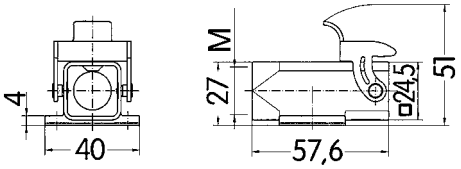
Limiting temperatures	-40 °C ... 125 °C
Protection class acc. to UL 50	NEMA type 4/4X/12
Degree of protection acc. to IEC 60529	IP44 / IP67 is achieved with seal screw 09 20 000 9918
Material (hoods/housings)	zinc die-cast
Surface (hoods/housings)	electrical conductive
Material (locking lever)	steel, zinc-plated
Material (seal)	NBR

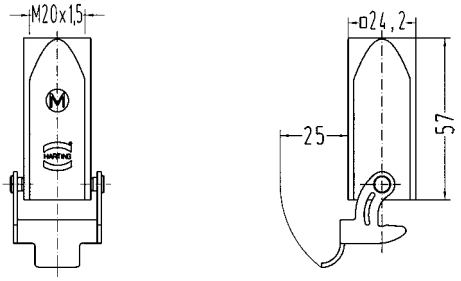
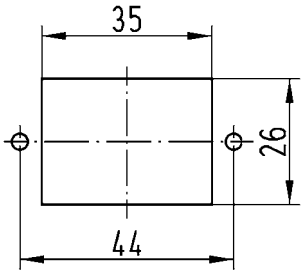
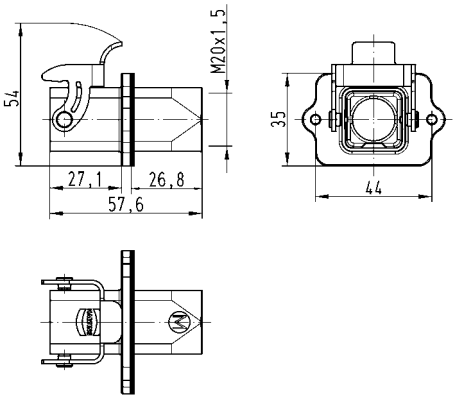
Specifications and approvals

GL

Hoods/Housings for higher EMC requirements
double locking lever

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® EMV, Hoods, top entry	1xM20	19 62 003 1440	
Han® EMV, Hoods, side entry	1xM20	19 62 003 1640	
Han® EMV, Bulkhead mounted housings, straight		09 62 003 0301	 Panel cut out 22 x 22 mm

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® EMV, Bulkhead mounted housings, angled 		09 62 003 0801 09 62 003 0810	 Panel cut out 22 x 22 mm   
Han® EMV, Surface mounted housings, top entry 	1xM20	19 62 003 1250	  Panel cut out 22 x 22 mm

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® EMV, Cable to cable housings, top entry	1xM20	19 62 003 1750	
Han® EMV, Panel feed through housings, top entry	1xM20	19 62 003 1120	 Panel cut out 
Han® EMV, Screw mounted housings, top entry	1xM20	19 62 003 1150	

Han® EMC hoods/housings

Features

- Hoods/Housings for higher EMC requirements
- Excellent shield transitions and a low transfer impedance
- **Field of application:** For sensitive interconnections that have to be shielded against electrical,magnetic or electro-magnetic interferences
- Distinguishing feature: Electrically conductive surface, internal seal

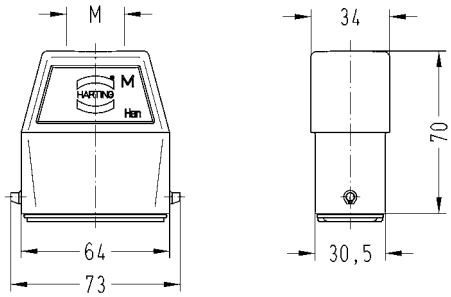
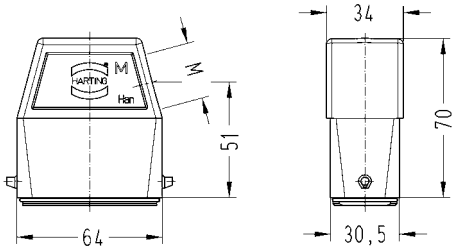
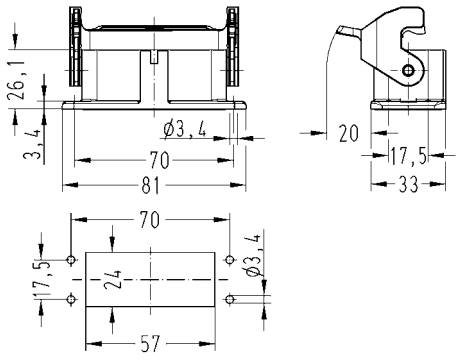
Technical characteristics

Limiting temperatures	-40 °C ... 125 °C
Flammability (locking lever) acc. to UL 94	V 0
Protection class acc. to UL 50	NEMA type 4/4X/12
Degree of protection acc. to IEC 60529	IP65
Material (hoods/housings)	aluminium
Surface (hoods/housings)	unpainted
Material (locking lever)	polycarbonate + stainless steel, stainless steel
Material (seal)	NBR

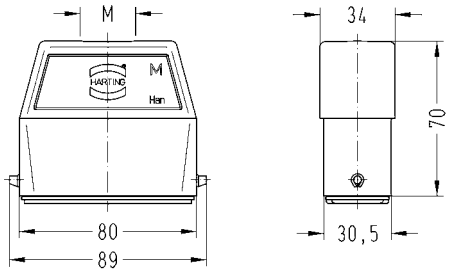
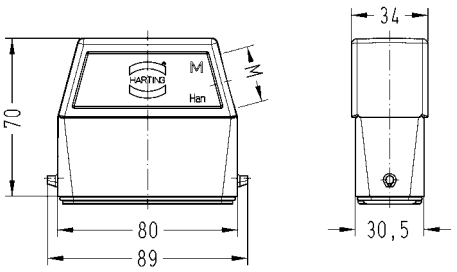
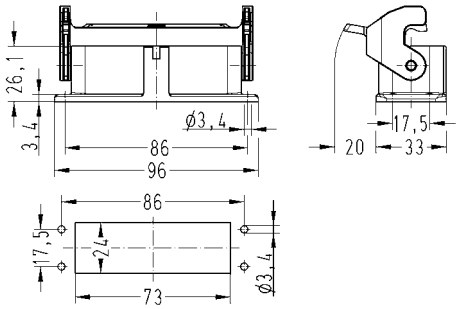
Specifications and approvals

GL

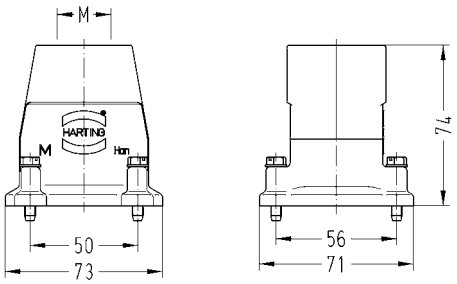
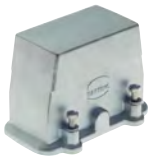
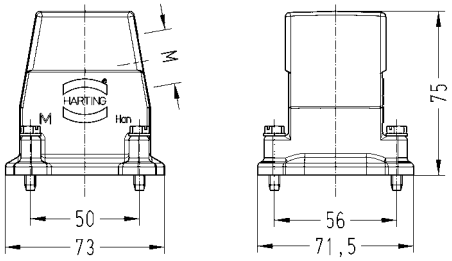
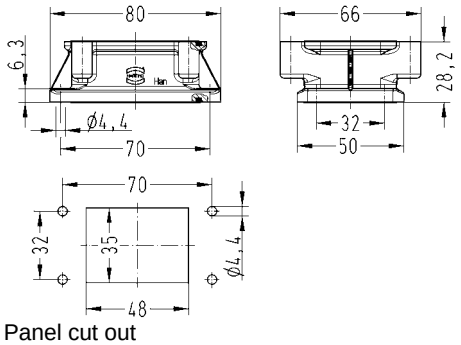
Hoods/Housings for higher EMC requirements
single locking lever

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® EMV, Hoods, top entry	1xM25	19 62 015 0446	
Han® EMV, Hoods, side entry	1xM25	19 62 015 0546	
Han® EMV, Bulkhead mounted housings, Han-Easy Lock®		09 62 015 0301	 Panel cut out

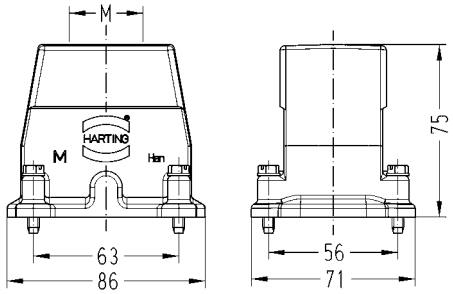
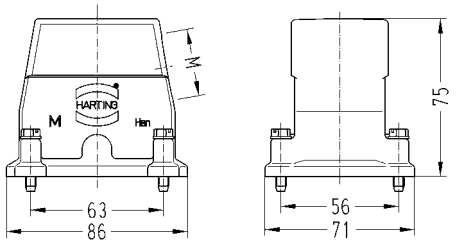
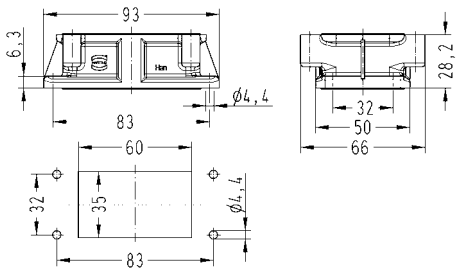
Hoods/Housings for higher EMC requirements
single locking lever

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® EMV, Hoods, top entry	1xM25	19 62 025 0446	
Han® EMV, Hoods, side entry	1xM25	19 62 025 0546	
Han® EMV, Bulkhead mounted housings, Han-Easy Lock®		09 62 025 0301	 Panel cut out

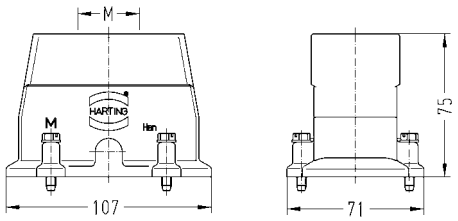
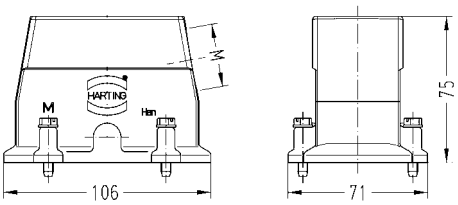
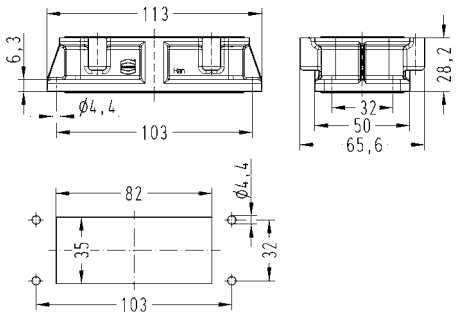
Hoods/Housings for higher EMC requirements

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® EMV, Hoods, top entry, screw locking 	1xM25 1xM32	19 62 006 0441 19 62 006 0442	
Han® EMV, Hoods, side entry, screw locking 	1xM25	19 62 006 0541	
Han® EMV, Bulkhead mounted housings, screw locking 		09 62 006 0301	 Panel cut out

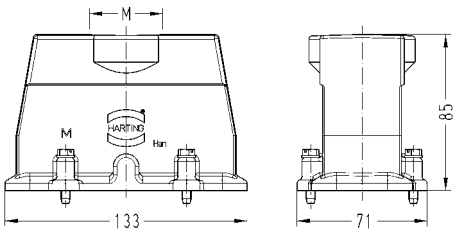
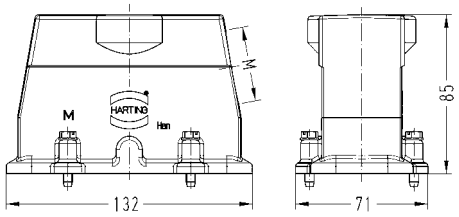
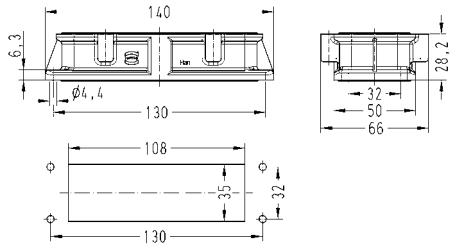
Hoods/Housings for higher EMC requirements

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® EMV, Hoods, top entry, screw locking 	1xM32	19 62 010 0442	
Han® EMV, Hoods, side entry, screw locking 	1xM32 1xM40	19 62 010 0542 19 62 010 0543	
Han® EMV, Bulkhead mounted housings, screw locking 		09 62 010 0301	 Panel cut out

Hoods/Housings for higher EMC requirements

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® EMV, Hoods, top entry, screw locking	1xM32	19 62 040 0442	
Han® EMV, Hoods, side entry, screw locking	1xM32	19 62 040 0542	
Han® EMV, Bulkhead mounted housings, screw locking		09 62 040 0301	 Panel cut out

Hoods/Housings for higher EMC requirements

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® EMV, Hoods, top entry, screw locking 	1xM40	19 62 064 0443	
Han® EMV, Hoods, side entry, screw locking 	1xM40	19 62 064 0543	
Han® EMV, Bulkhead mounted housings, screw locking 		09 62 064 0301	 Panel cut out

Han® EMC/B hoods/housings

Features

- Hoods/Housings for higher EMC requirements
- Excellent shield transitions and a low transfer impedance
- Locking levers: Han-Easy Lock®
- **Field of application:** For sensitive interconnections that have to be shielded against electrical,magnetic or electro-magnetic interferences
- Distinguishing feature: Electrically conductive surface, internal seal

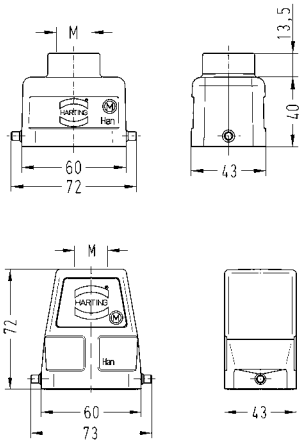
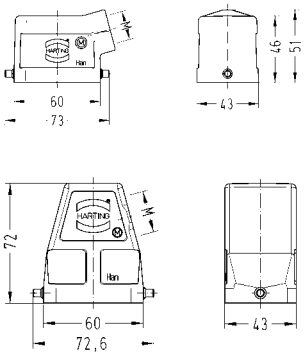
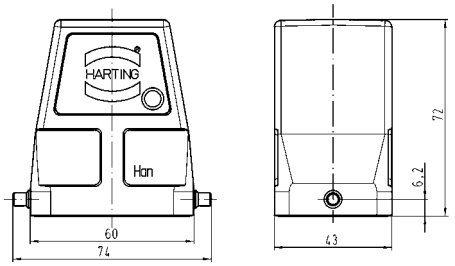
Technical characteristics

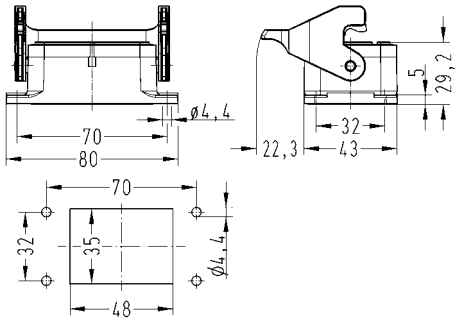
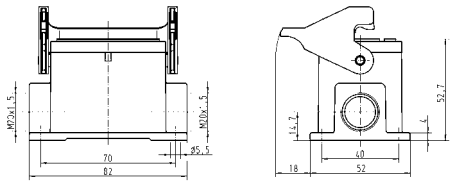
Limiting temperatures	-40 °C ... 125 °C
Limiting temperatures with High Temp components	-40 °C ... 200 °C
Protection class acc. to UL 50	NEMA type 4/4X/12
Degree of protection acc. to IEC 60529	IP65
Material (hoods/housings)	aluminium
Surface (hoods/housings)	unpainted
Material (locking lever)	polycarbonate + stainless steel
Material (seal)	NBR

Specifications and approvals

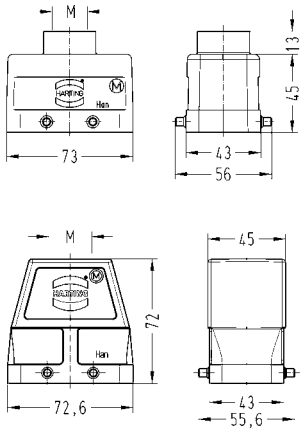
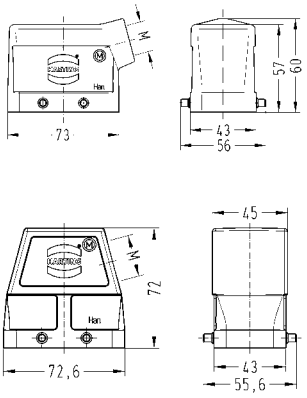
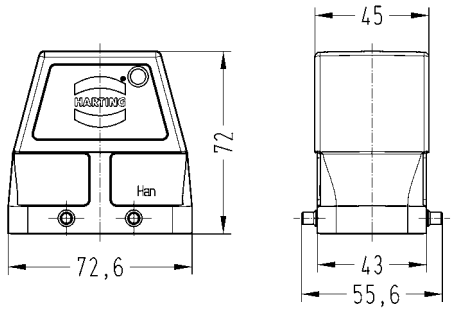
GL

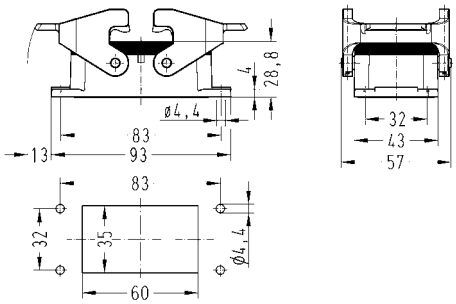
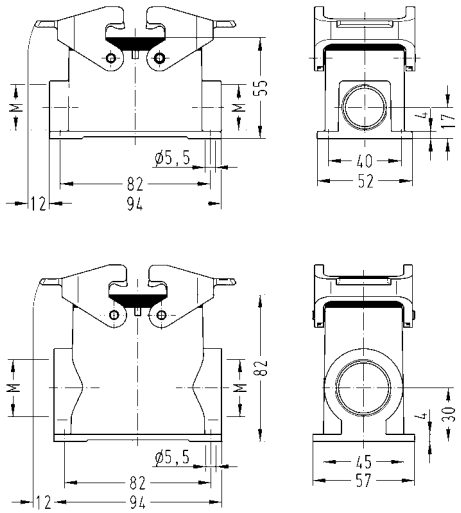
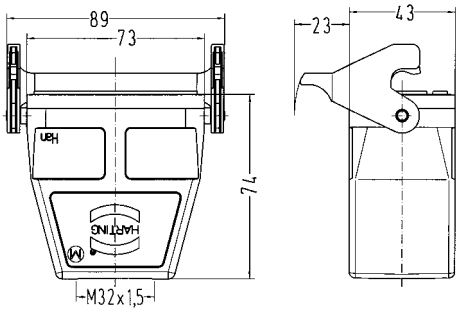
single locking lever

Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® EMC/B, Han® High Temp, Hoods, top entry	1xM20 1xM25 1xM32	19 62 806 1440	19 62 806 0446 19 62 806 0447	
Han® EMC/B, Han® High Temp, Hoods, side entry	1xM20 1xM25 1xM32	19 62 806 1540	19 62 806 0546 19 62 806 0547	
Han® EMC/B, Han® High Temp, Hoods, without cable entry			09 62 806 0801	

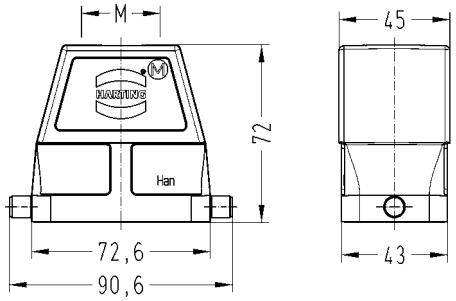
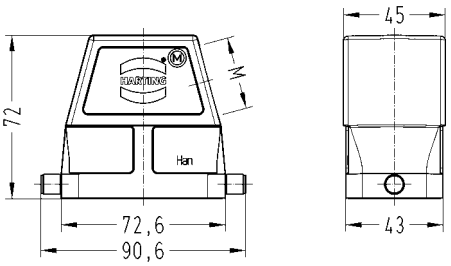
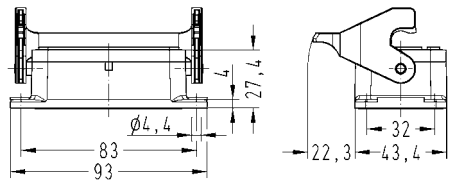
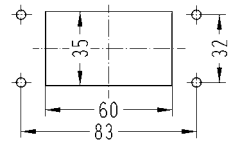
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® EMC/B, Bulkhead mounted housings, Han-Easy Lock® 		09 62 806 0301		 Panel cut out
Han® EMC/B, Surface mounted housings, side entry, Han-Easy Lock® 	2xM20	19 62 806 1290		

double locking lever

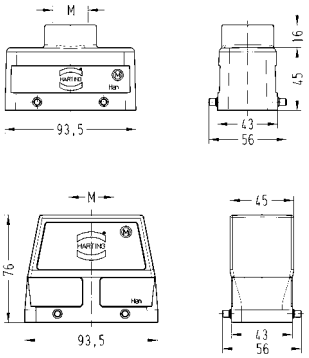
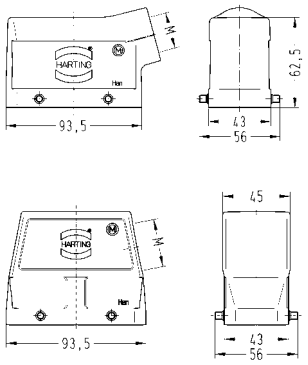
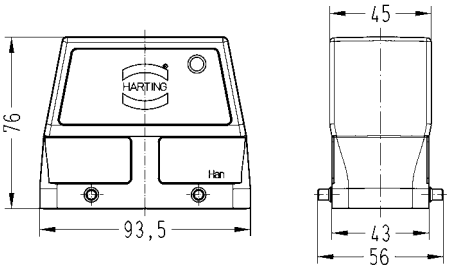
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® EMC/B, Han® High Temp, Hoods, top entry	1xM20 1xM25 1xM32	19 62 810 1420 19 62 810 1421	19 62 810 0426 19 62 810 0427	
Han® EMC/B, Han® High Temp, Hoods, side entry	1xM20 1xM25 1xM32	19 62 810 1520	19 62 810 0526 19 62 810 0527	
Han® EMC/B, Han® High Temp, Hoods, without cable entry			09 62 810 0801	

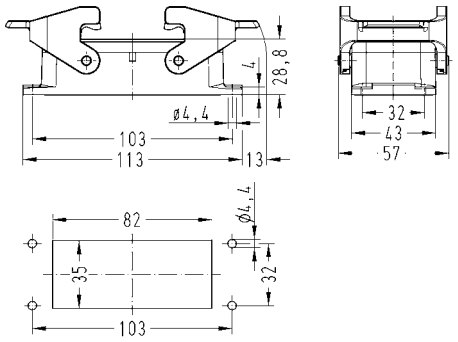
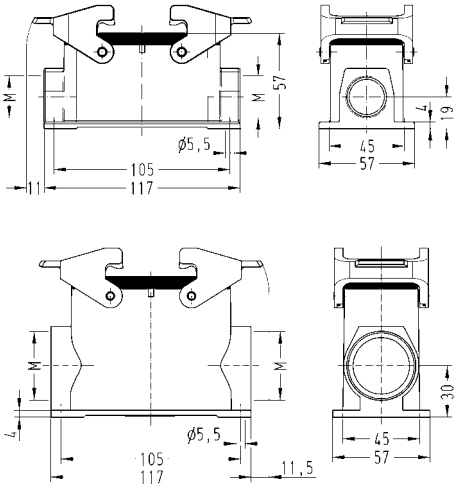
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® EMC/B, Bulkhead mounted housings, Han-Easy Lock® 		09 62 810 0301		 Panel cut out
Han® EMC/B, Surface mounted housings, side entry, Han-Easy Lock® 	2xM25 2xM32	19 62 810 1271	19 62 810 0272	
Han® EMC/B, Cable to cable housings, top entry, Han-Easy Lock® 	1xM32		19 62 810 0757	

single locking lever

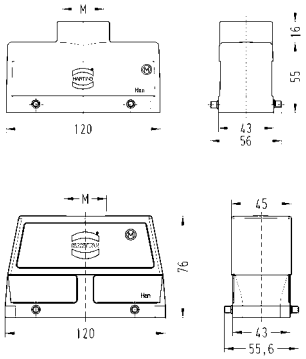
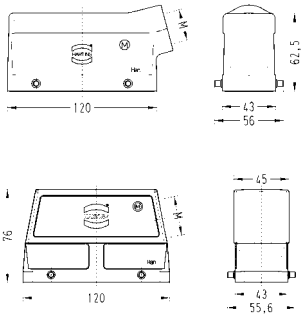
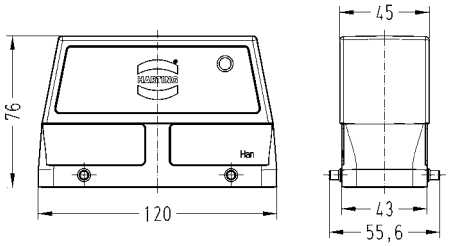
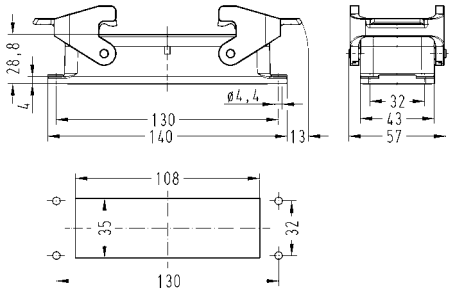
Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® EMC/B, Hoods, top entry	1xM25 1xM32		19 62 810 0446 19 62 810 0447	
Han® EMC/B, Hoods, side entry	1xM32		19 62 810 0547	
Han® EMC/B, Bulkhead mounted housings, Han-Easy Lock®		09 62 810 0305		  Panel cut out

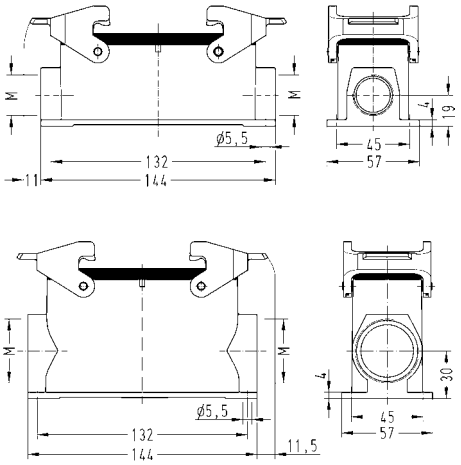
double locking lever

Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® EMC/B, Han® High Temp, Hoods, top entry	1xM25 1xM32	19 62 816 1421	19 62 816 0427	
Han® EMC/B, Han® High Temp, Hoods, side entry	1xM25 1xM32	19 62 816 1521	19 62 816 0527	
Han® EMC/B, Han® High Temp, Hoods, without cable entry			09 62 816 0801	

Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® EMC/B, Bulkhead mounted housings, Han-Easy Lock® 		09 62 816 0301		 Panel cut out
Han® EMC/B, Surface mounted housings, side entry, Han-Easy Lock® 	2xM25 2xM40	19 62 816 1271	19 62 816 0273	

double locking lever

Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® EMC/B, Han® High Temp, Hoods, top entry	1xM32	19 62 824 1422	19 62 824 0427	
Han® EMC/B, Han® High Temp, Hoods, side entry	1xM25 1xM32 1xM40	19 62 824 1521	19 62 824 0527 19 62 824 0528	
Han® EMC/B, Han® High Temp, Hoods, without cable entry			09 62 824 0801	
Han® EMC/B, Bulkhead mounted housings, Han-Easy Lock®		09 62 824 0301		 Panel cut out

Identification	Cable entry	Part number Low construction	Part number High construction	Drawing Dimensions in mm
Han® EMC/B, Surface mounted housings, side entry, Han-Easy Lock® 	2xM25 2xM40	19 62 824 1271	19 62 824 0273	

Han® 3 HPR hoods/housings

Features

- Hoods/Housings for harsh environmental requirements
- Highly EMC resistant
- Screw locking M4
- Field of application: For external electrical interconnections in vehicles, in highly demanding environments and wet areas, as well as for sensitive interconnections that have to be shielded
- Distinguishing feature: colour-coded black, internal seal (RAL 9005)

Technical characteristics

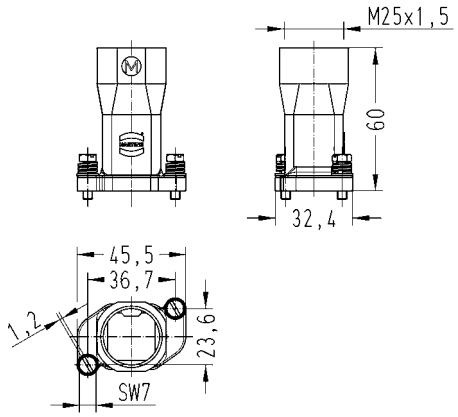
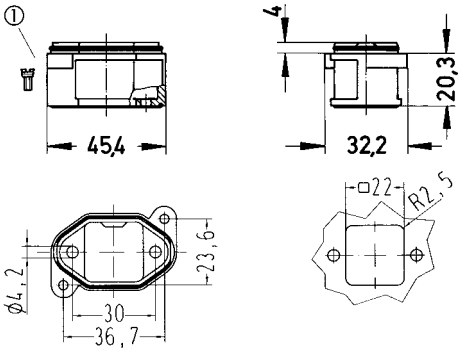
Limiting temperatures	-40 °C ... 125 °C
Protection class acc. to UL 50	NEMA 4/12, NEMA type 4/4X/12
Degree of protection acc. to IEC 60529	IP69K
Degree of protection acc. to IEC 60529	IP65 / IP68
Tightening torque (locking)	2 Nm
Corrosion resistance	ASTM B117-09 (500 h)
Material (hoods/housings)	zinc die-cast
Surface (hoods/housings)	powder-coated, chromated
Colour (hoods/housings)	RAL 9005 (black)
Material (seal)	NBR
Material (screwing)	stainless steel

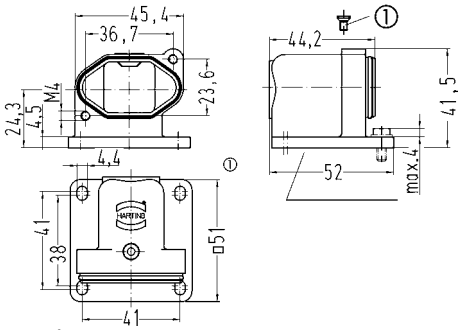
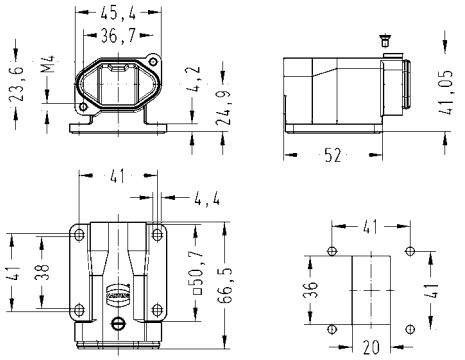
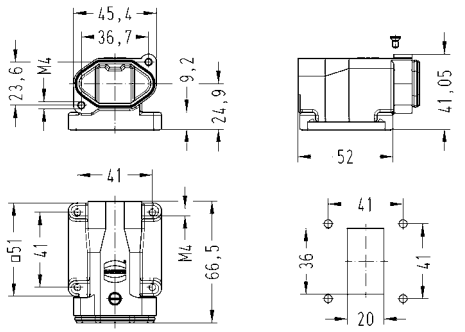
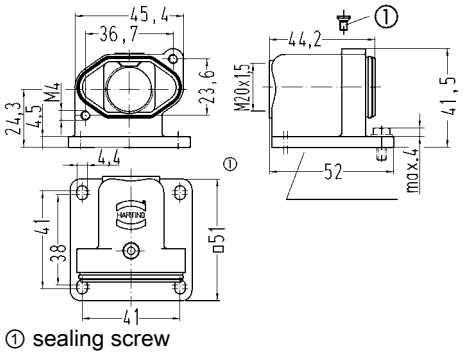
Specifications and approvals

Han® 3 HPR hoods/housings - powder-coated

Size 3 A

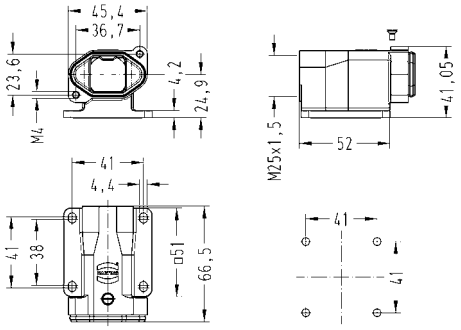
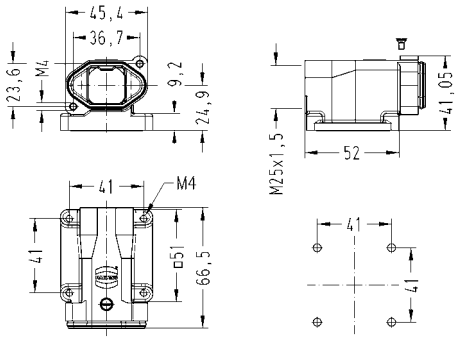
Hoods/Housings for harsh environmental requirements

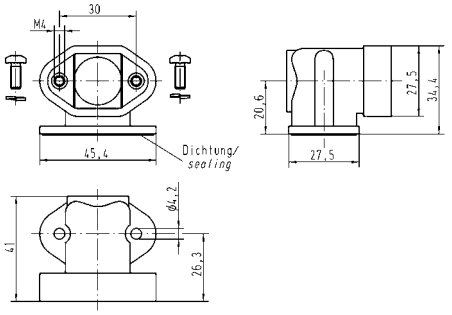
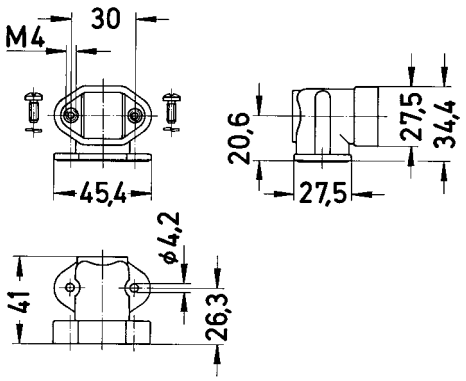
Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® HPR, Hoods, with sealing screw, top entry, toggle locking	1xM20	19 40 703 0400	
Han® HPR, Hoods, with sealing screw, top entry, screw locking 	1xM20 1xM25	19 40 703 0410 19 40 703 0411	
Han® HPR, Bulkhead mounted housings, with sealing screw, toggle locking		09 40 703 0301	
Han® HPR, Bulkhead mounted housings, with sealing screw, screw locking		09 40 703 0311	 Panel cut out 21.3 x 21.3 mm ① sealing screw

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® HPR, Bulkhead mounted housings, angled, with sealing screw, screw locking 		09 40 703 0950	 Panel cut out 21.3 x 21.3 mm ① sealing screw
Han® HPR, Bulkhead mounted housings, angled, screw locking, long version, feed through hole for fixing screws 		09 40 703 0951	 Panel cut out
Han® HPR, Bulkhead mounted housings, angled, screw locking, long version, tapped blind hole for fixing screws 		09 40 703 0953	 Panel cut out
Han® HPR, Surface mounted housings, angled, with sealing screw, top entry, screw locking, bottom closed	1xM20	19 40 703 0950	 ① sealing screw

Han® 3 HPR hoods/housings - powder-coated

Size 3 A

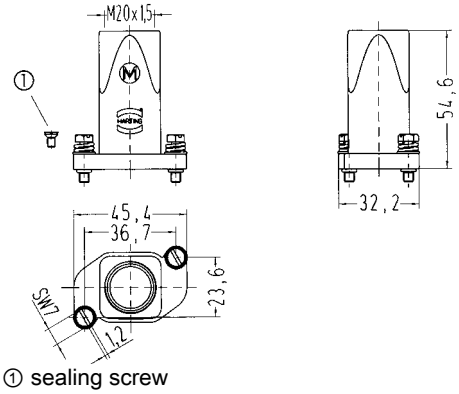
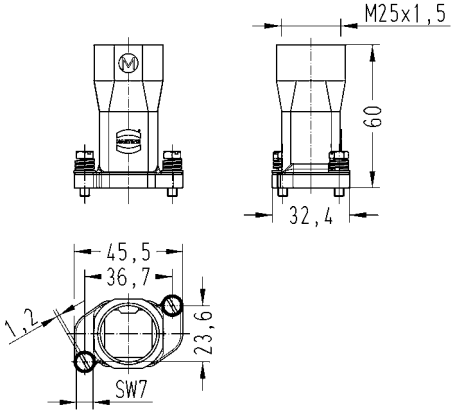
Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® HPR, Surface mounted housings, angled, with sealing screw, top entry, screw locking, long version with closed bottom and feed through hole for fixing screws	1xM25	19 40 703 0951	 Panel cut out
Han® HPR, Surface mounted housings, angled, with sealing screw, top entry, screw locking, long version with closed bottom and tapped blind hole for fixing screws	1xM25	19 40 703 0953	 Panel cut out
Han® HPR, Cover for housings, toggle locking		09 40 703 5401	
Han® HPR, Cover for housings, toggle locking, with securing flex		09 40 703 5402	
Han® HPR, Cover for housings, screw locking		09 40 703 5411	
Han® HPR, Cover for housings, screw locking, with securing flex		09 40 703 5412	
Han® HPR, Dust protection cover, plastic 		09 40 003 5406	

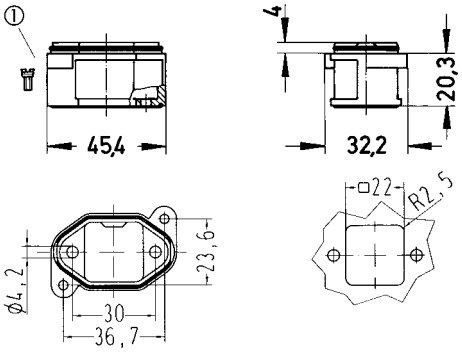
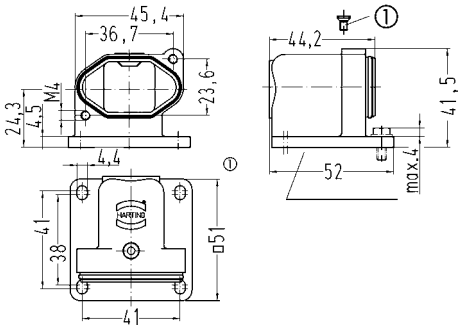
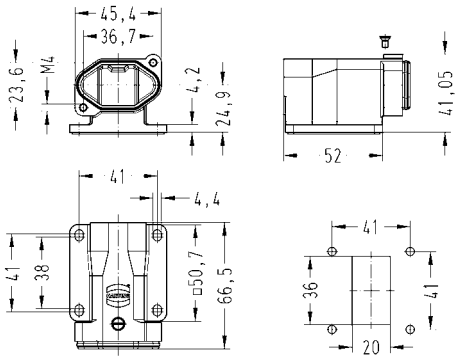
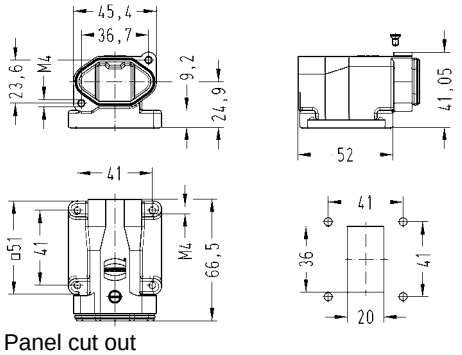
Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® HPR, Adaptor, powder-coated, top entry, open bottom for assembly of bulkhead mounted bulkhead mounted position	1xM20	19 40 703 0900	
Han® HPR, Adaptor, powder-coated, open bottom for assembly of bulkhead mounted bulkhead mounted position		09 40 703 0902	

Han® 3 HPR hoods/housings - chromated

Size 3 A

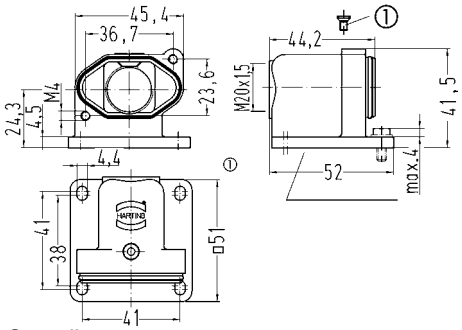
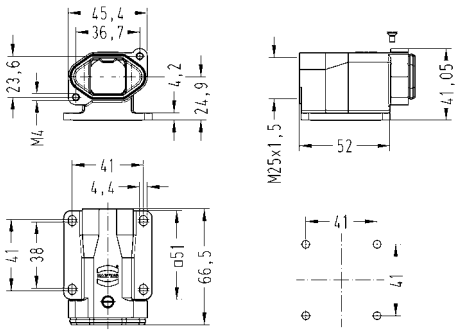
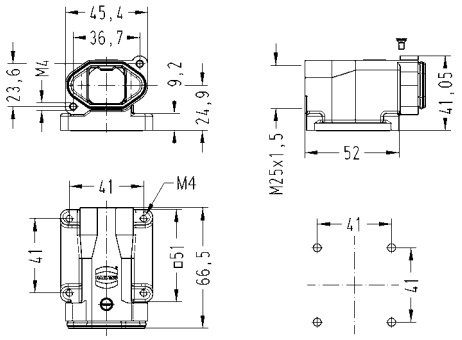
Hoods/Housings for harsh environmental requirements

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® HPR, Hoods, with sealing screw, top entry, toggle locking 	1xM20	19 40 003 0400	
Han® HPR, Hoods, with sealing screw, top entry, screw locking 	1xM20 1xM25	19 40 003 0410 19 40 003 0411	 ① sealing screw 
Han® HPR, Bulkhead mounted housings, with sealing screw, toggle locking 		09 40 003 0301	

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® HPR, Bulkhead mounted housings, with sealing screw, screw locking 		09 40 003 0311	 Panel cut out 21.3 x 21.3 mm ① sealing screw
Han® HPR, Bulkhead mounted housings, angled, with sealing screw, screw locking 		09 40 003 0950	 Panel cut out 21.3 x 21.3 mm ① sealing screw
Han® HPR, Bulkhead mounted housings, angled, screw locking, long version, feed through hole for fixing screws 		09 40 003 0951	 Panel cut out
Han® HPR, Bulkhead mounted housings, angled, with sealing screw, screw locking, long version, tapped blind hole for fixing screws 		09 40 003 0953	 Panel cut out

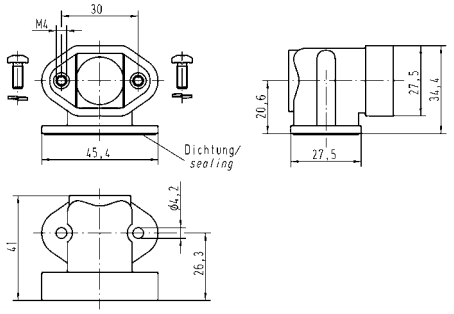
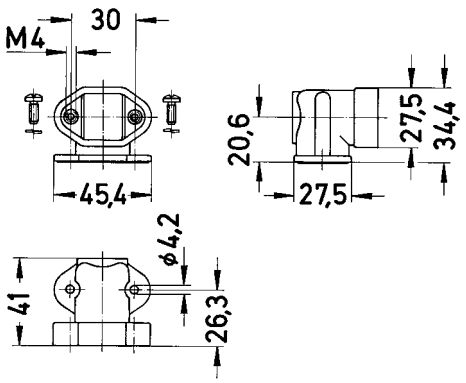
Han® 3 HPR hoods/housings - chromated

Size 3 A

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® HPR, Surface mounted housings, angled, with sealing screw, top entry, screw locking, bottom closed 	1xM20	19 40 003 0950	 ① sealing screw
Han® HPR, Surface mounted housings, angled, with sealing screw, top entry, screw locking, long version with closed bottom and feed through hole for fixing screws	1xM25	19 40 003 0951	 Panel cut out
Han® HPR, Surface mounted housings, angled, with sealing screw, top entry, screw locking, long version with closed bottom and tapped blind hole for fixing screws	1xM25	19 40 003 0953	 Panel cut out
Han® HPR, Cover for housings, toggle locking		09 40 003 5401	
Han® HPR, Cover for housings, toggle locking, with securing flex		09 40 003 5402	
Han® HPR, Cover for housings, screw locking		09 40 003 5411	
Han® HPR, Cover for housings, screw locking, with securing flex		09 40 003 5412	

Han® 3 HPR hoods/housings - chromated

Size 3 A

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® HPR, Dust protection cover, plastic 		09 40 003 5406	
Han® HPR, Adaptor, chromated, top entry, open bottom for assembly of bulkhead mounted bulkhead mounted position	1xM20	19 40 003 0900	
Han® HPR, Adaptor, chromated, open bottom for assembly of bulkhead mounted bulkhead mounted position		09 40 003 0902	

Han® HPR hoods/housings

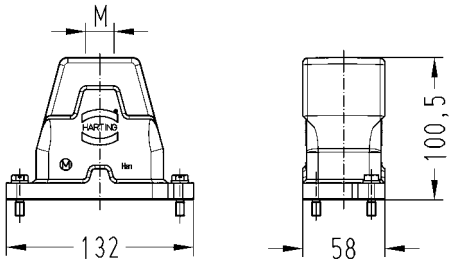
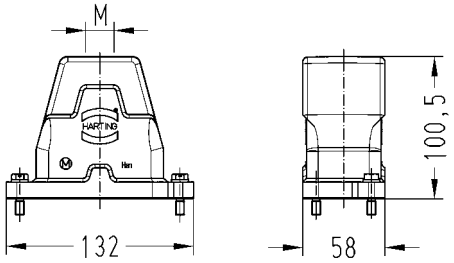
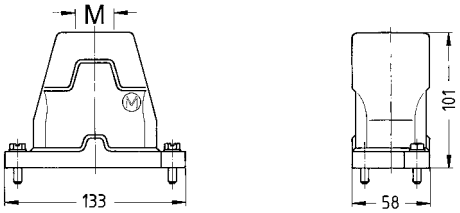
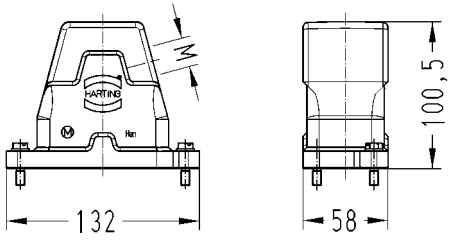
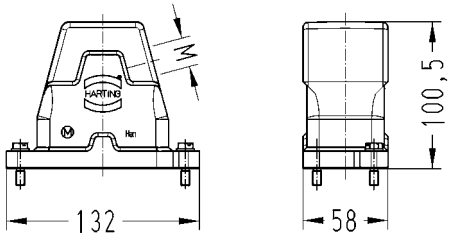
Features

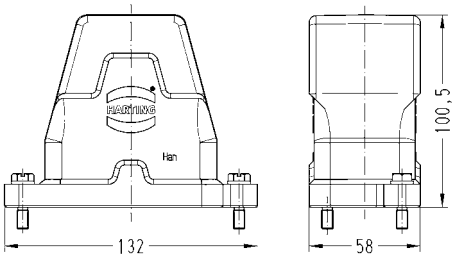
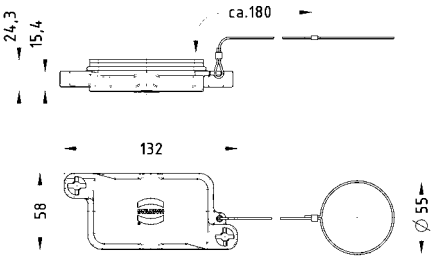
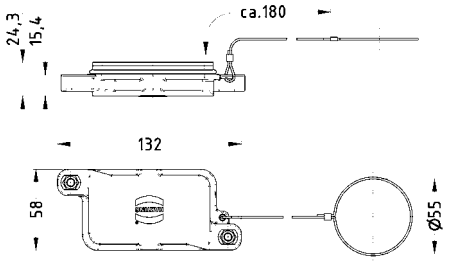
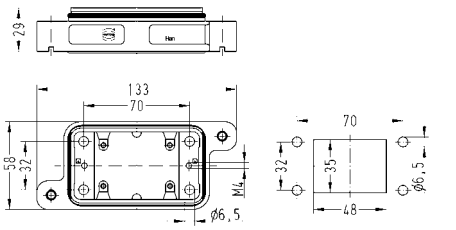
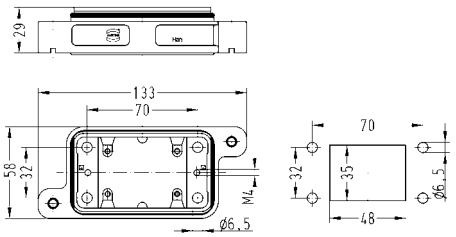
- Hoods/Housings, pressure tight
- Highly EMC resistant
- Screw locking M6
- Field of application: For external electrical interconnections in vehicles, in highly demanding environments and wet areas, as well as for sensitive interconnections that have to be shielded
- Distinguishing feature: colour-coded black, internal seal (RAL 9005)

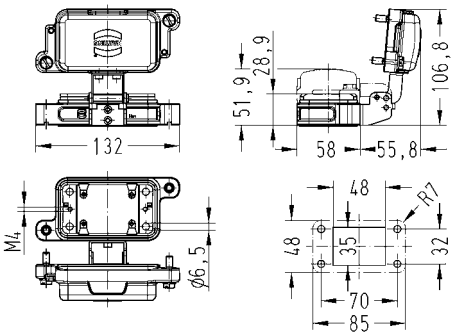
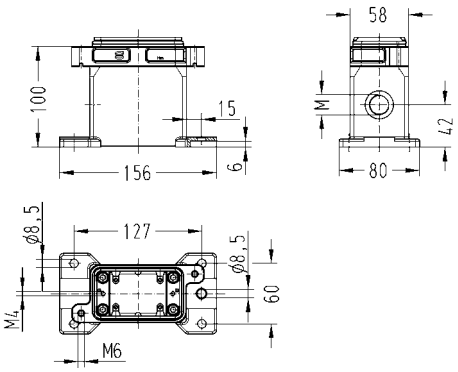
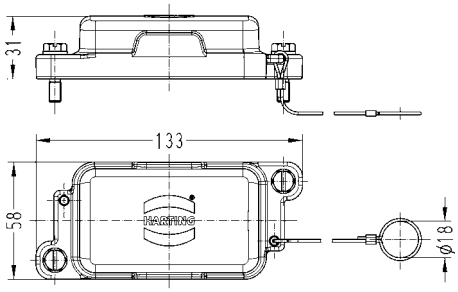
Technical characteristics

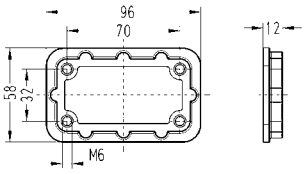
Limiting temperatures	-40 °C ... 125 °C
Protection class acc. to UL 50	NEMA 4/12
Degree of protection acc. to IEC 60529	IP69K
Degree of protection acc. to IEC 60529	IP65 / IP68
Tightening torque (locking)	4 Nm
Corrosion resistance	ASTM B117-09 (500 h)
Material (hoods/housings)	aluminium die-cast, corrosion resistant
Surface (hoods/housings)	powder-coated
Colour (hoods/housings)	RAL 9005 (black)
Material (locking lever)	stainless steel
Material (seal)	NBR
Material (screwing)	stainless steel

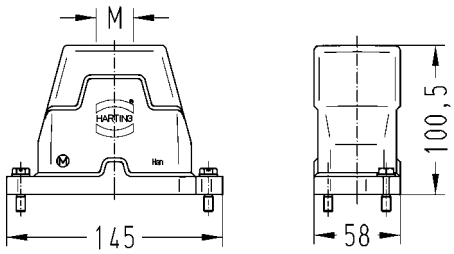
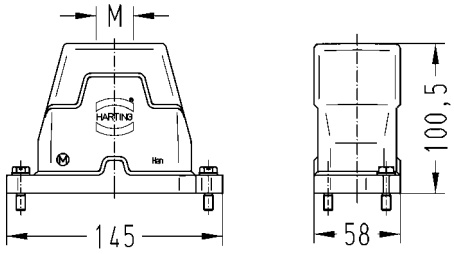
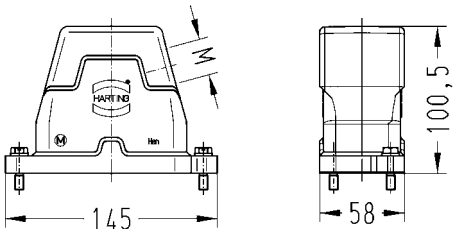
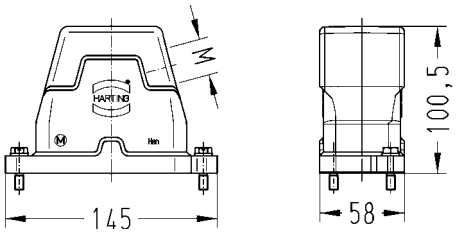
Specifications and approvals

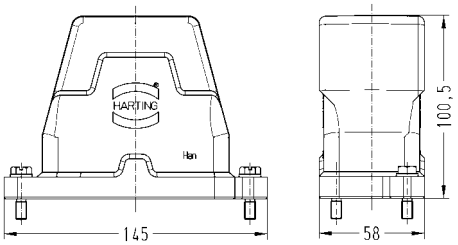
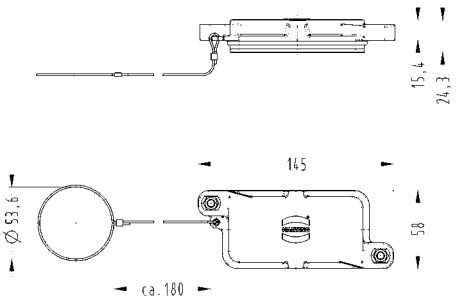
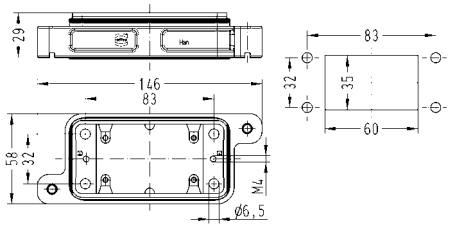
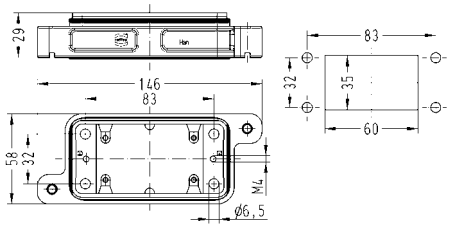
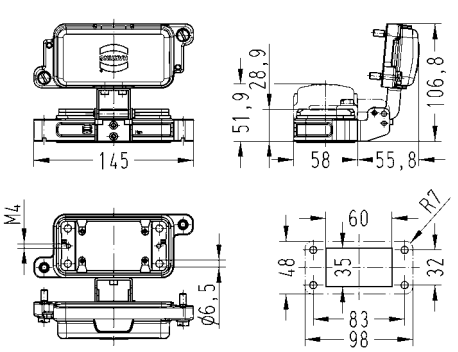
Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® HPR, Hoods, top entry, toggle locking 	1xM25	19 40 006 0401	
Han® HPR, Hoods, top entry, screw locking 	1xM20 1xM25 1xM32 1xM40	19 40 006 0410 19 40 006 0411 19 40 006 0412 19 40 006 0413	
			
Han® HPR, Hoods, side entry, toggle locking 	1xM25	19 40 006 0501	
Han® HPR, Hoods, side entry, screw locking 	1xM20 1xM25 1xM32 1xM40	19 40 006 0510 19 40 006 0511 19 40 006 0512 19 40 006 0513	

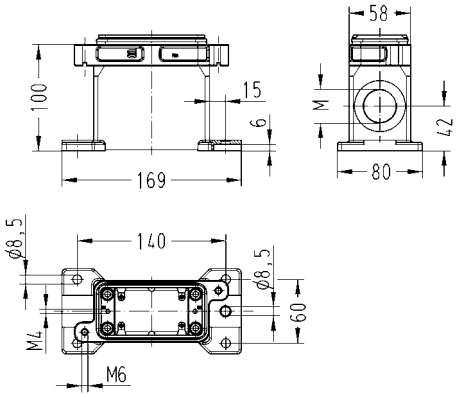
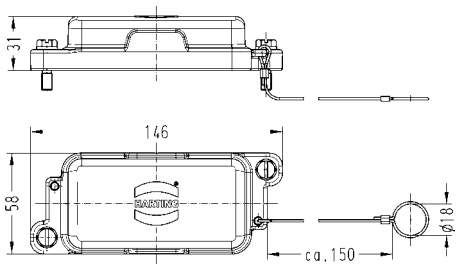
Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® HPR, Hoods, without cable entry, screw locking		09 40 006 0811	
Han® HPR, Protection cover for hoods, metal, toggle locking		09 40 006 5404	
Han® HPR, Protection cover for hoods, metal, screw locking		09 40 006 5414	
Han® HPR, Bulkhead mounted housings, toggle locking		09 40 006 0301	
Han® HPR, Bulkhead mounted housings, screw locking		09 40 006 0311	

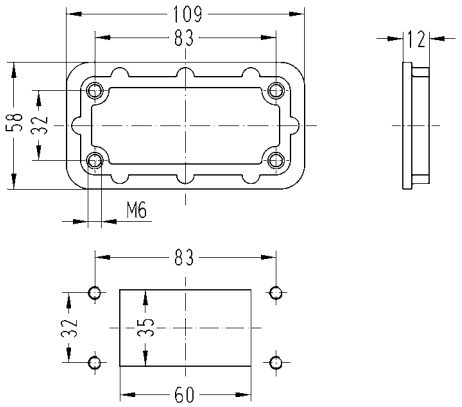
Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® HPR, Bulkhead mounted housings, screw locking, with metal cover		09 40 006 0317	
Han® HPR, Surface mounted housings, screw locking, horizontal version	1xM25	19 40 006 0911	
Han® HPR, Surface mounted housings, side entry, screw locking	1xM20 1xM25 1xM32	19 40 006 1260 19 40 006 1261 19 40 006 1262	
Han® HPR, Cover for housings, metal, toggle locking		09 40 006 5401	
Han® HPR, Cover for housings, metal, screw locking		09 40 006 5411	
Han® HPR, Protection cover for housings, plastic		09 40 006 5406	

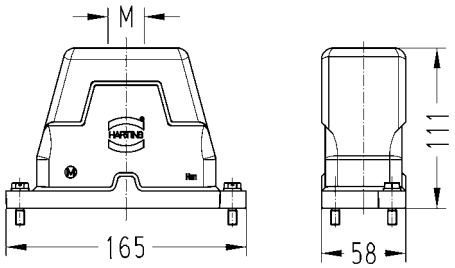
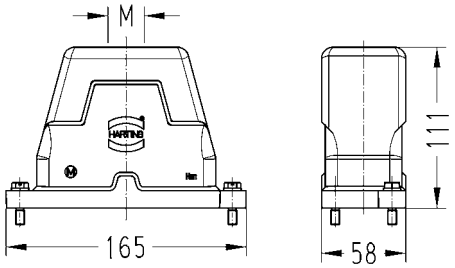
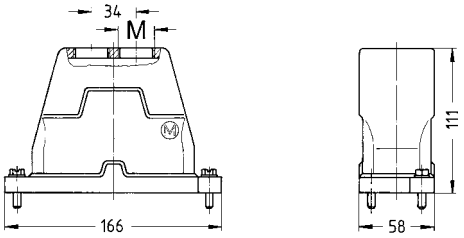
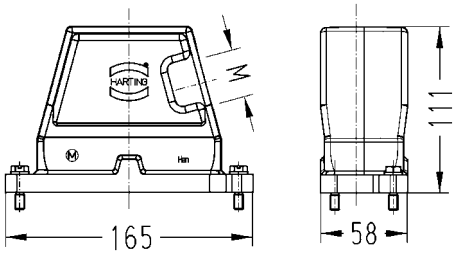
Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® HPR, Panel feed through housings, for mounting from inside, top entry, screw locking	1xM40	19 40 006 1113	
Han® HPR, Panel feed through housings, for mounting from outside, top entry, screw locking	1xM40	19 40 006 1118	
Han® HPR, Mounting frames		09 40 000 9901	

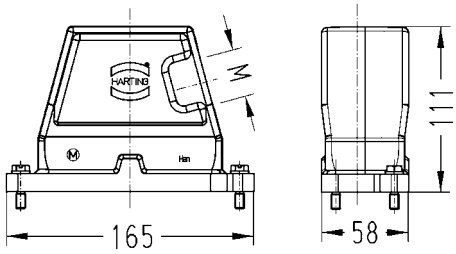
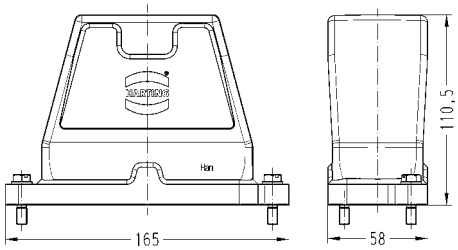
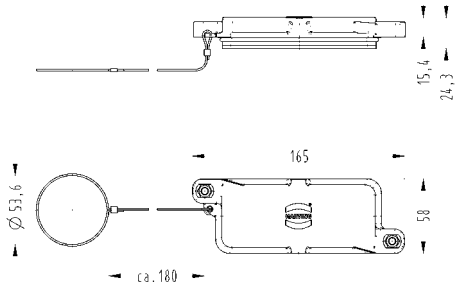
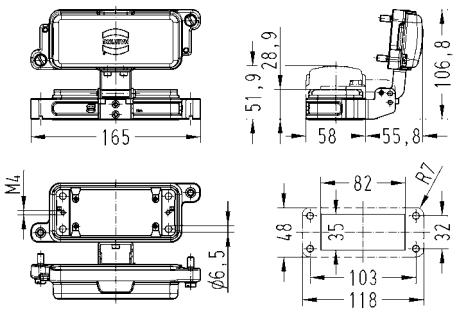
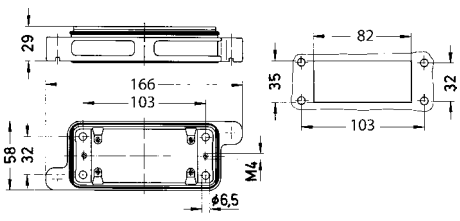
Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® HPR, Hoods, top entry, toggle locking	1xM25	19 40 010 0401	
Han® HPR, Hoods, top entry, screw locking	1xM25 1xM32 1xM40 2xM20	19 40 010 0411 19 40 010 0412 19 40 010 0413 19 40 010 0430	
Han® HPR, Hoods, side entry, toggle locking	1xM25	19 40 010 0501	
Han® HPR, Hoods, side entry, screw locking	1xM25 1xM32 1xM40	19 40 010 0511 19 40 010 0512 19 40 010 0513	

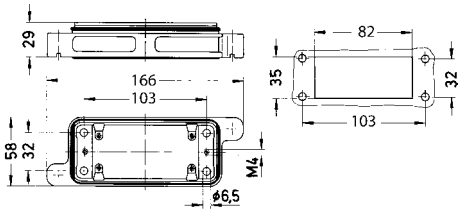
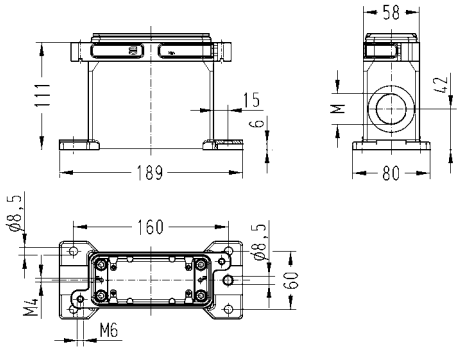
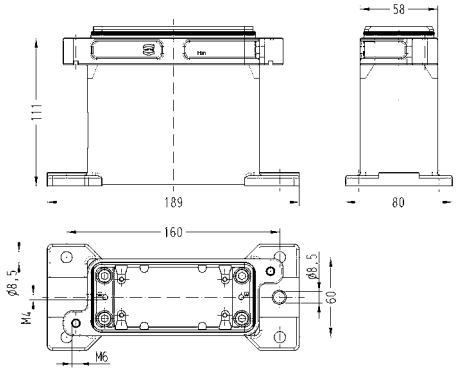
Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® HPR, Hoods, without cable entry, screw locking 		09 40 010 0811	
Han® HPR, Protection cover for hoods, metal, toggle locking		09 40 010 5404	
Han® HPR, Protection cover for hoods, metal, screw locking 		09 40 010 5414	
Han® HPR, Bulkhead mounted housings, toggle locking 		09 40 010 0301	
Han® HPR, Bulkhead mounted housings, screw locking 		09 40 010 0311	
Han® HPR, Bulkhead mounted housings, screw locking, with metal cover 		09 40 010 0317	

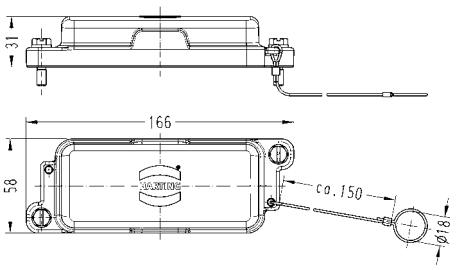
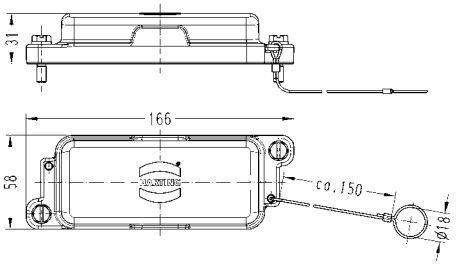
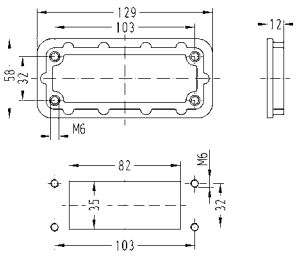
Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® HPR, Surface mounted housings, side entry, screw locking 	1xM20 1xM32 1xM40 2xM25 2xM32	19 40 010 1260 19 40 010 1262 19 40 010 1263 19 40 010 1271 19 40 010 1272	
Han® HPR, Cover for housings, metal, toggle locking 		09 40 010 5401	
Han® HPR, Cover for housings, metal, screw locking 		09 40 010 5411	
Han® HPR, Panel feed through housings, for mounting from inside, screw locking 	1xM40	19 40 010 1113	
Han® HPR, Panel feed through housings, for mounting from outside, screw locking 	1xM40	19 40 010 1118	
Han® HPR, Dust protection cover, plastic		09 40 010 5406	

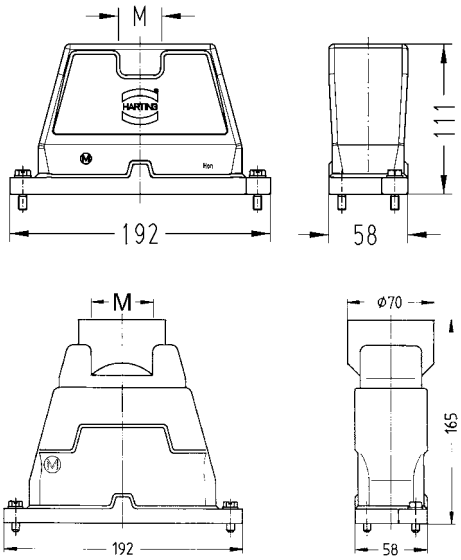
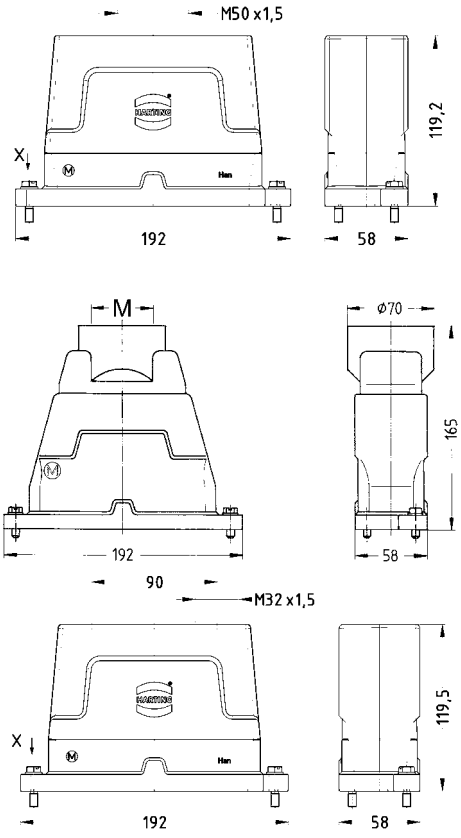
Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® HPR, Mounting frames		09 40 000 9902	 Panel cut out

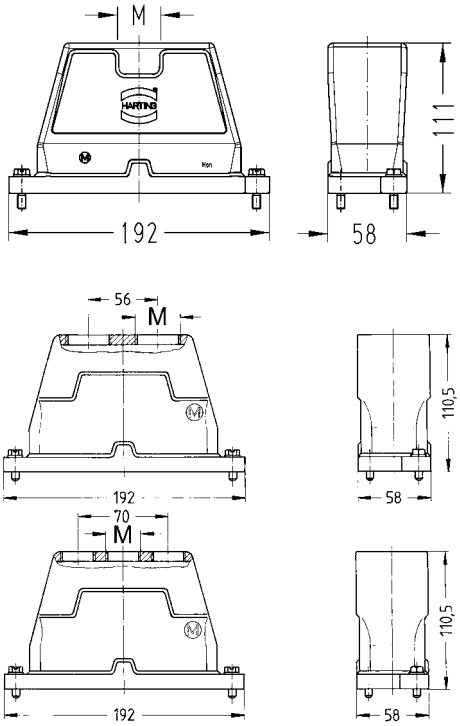
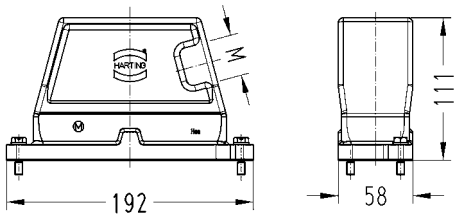
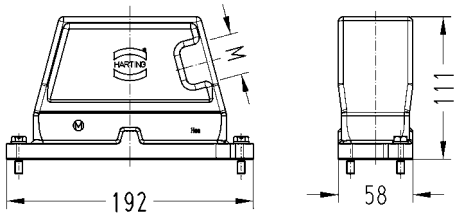
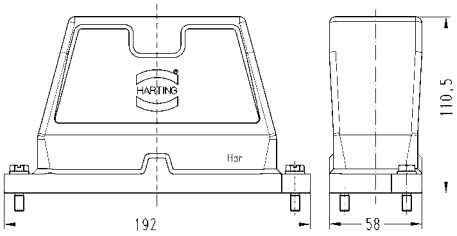
Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® HPR, Hoods, top entry, toggle locking 	1xM32	19 40 016 0402	
Han® HPR, Hoods, top entry, screw locking 	1xM25 1xM32 1xM40 1xM50 2xM25	19 40 016 0411 19 40 016 0412 19 40 016 0413 19 40 016 0414 19 40 016 0431	 
Han® HPR, Hoods, side entry, toggle locking 	1xM32	19 40 016 0502	

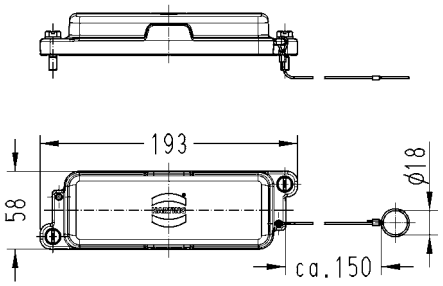
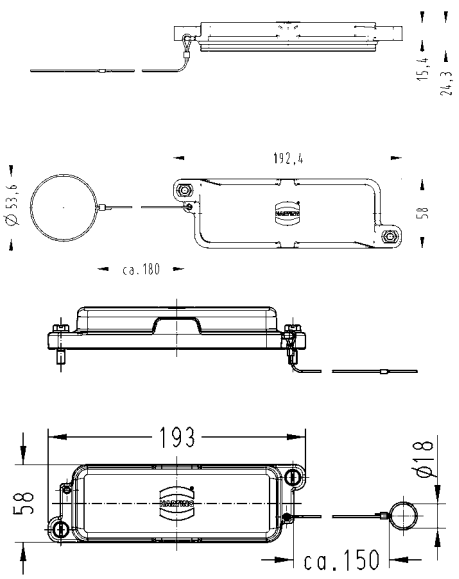
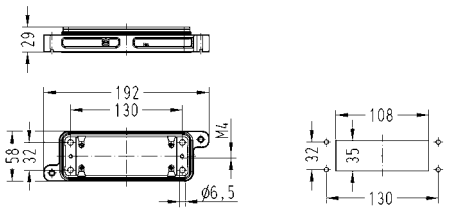
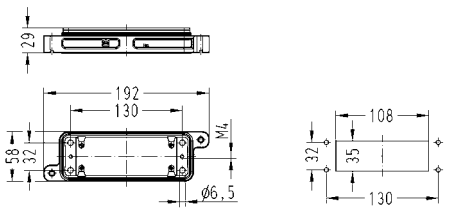
Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® HPR, Hoods, side entry, screw locking 	1xM25 1xM32 1xM40 1xM50	19 40 016 0511 19 40 016 0512 19 40 016 0513 19 40 016 0514	
Han® HPR, Hoods, without cable entry, screw locking 		09 40 016 0811	
Han® HPR, Protection cover for hoods, metal, toggle locking		09 40 016 5404	
Han® HPR, Protection cover for hoods, metal, screw locking 		09 40 016 5414	
Han® HPR, Bulkhead mounted housings, screw locking, with metal cover, open 		09 40 016 0317	
Han® HPR, Bulkhead mounted housings, toggle locking 		09 40 016 0301	

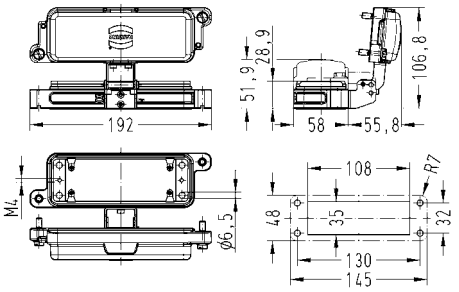
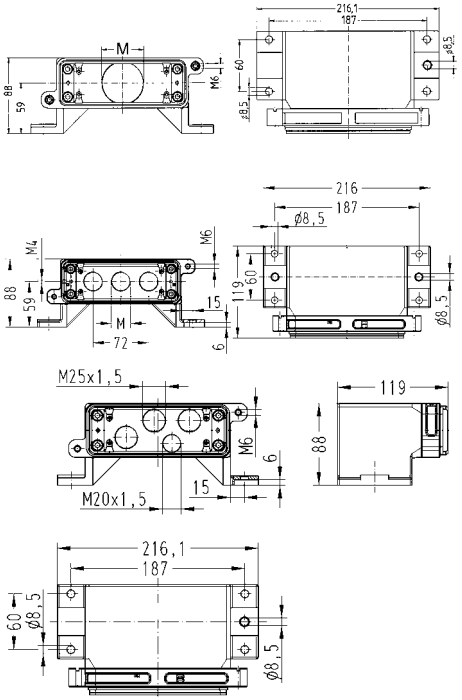
Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® HPR, Bulkhead mounted housings, screw locking 		09 40 016 0311	
Han® HPR, Surface mounted housings, screw locking, horizontal version 	1xM32	19 40 016 0912	
Han® HPR, Surface mounted housings, side entry, screw locking 	1xM25 1xM32 1xM40 2xM40	19 40 016 1261 19 40 016 1262 19 40 016 1263 19 40 016 1273	
Han® HPR, Surface mounted housings, side entry, screw locking, horizontal version 	2xM32	19 40 016 0922	
Han® HPR, Surface mounted housings, without cable entry, screw locking 		09 40 016 1201	

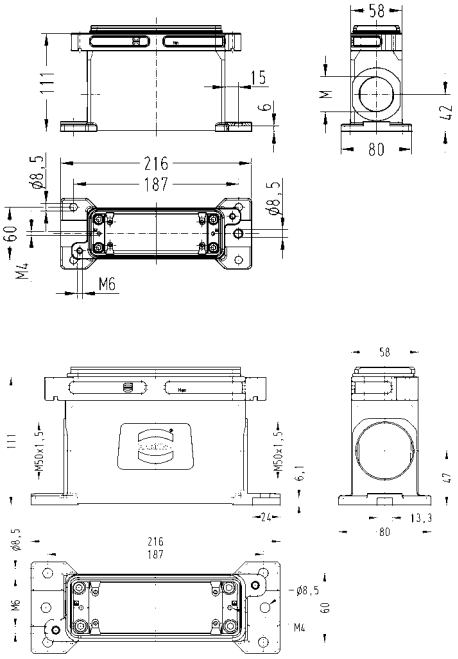
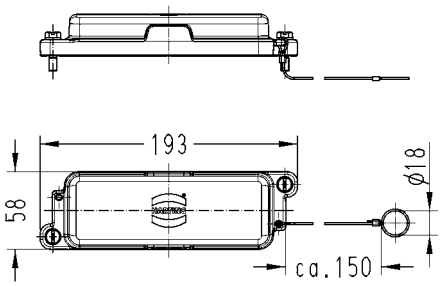
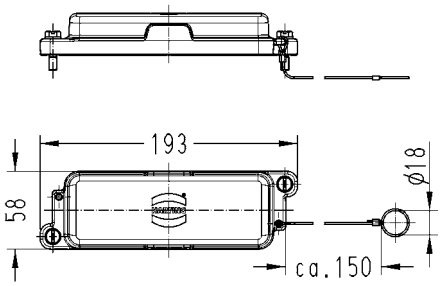
Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® HPR, Cover for housings, metal, toggle locking		09 40 016 5401	
Han® HPR, Cover for housings, metal, screw locking		09 40 016 5411	
Han® HPR, Protection cover for housings, plastic		09 40 016 5406	
Han® HPR, Panel feed through housings, for mounting from inside, screw locking	1xM50	19 40 016 1114	
Han® HPR, Panel feed through housings, for mounting from outside, screw locking	1xM50	19 40 016 1119	
Han® HPR, Mounting frames, screw locking		09 40 000 9903	 Panel cut out

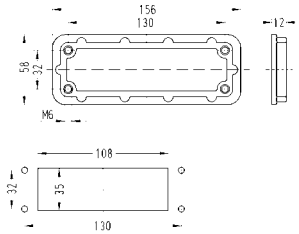
Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® HPR, Hoods, top entry, toggle locking 	1xM32 1xM63	19 40 024 0402 19 40 024 0410	
Han® HPR, Hoods, top entry, screw locking, high construction 	1xM50 1xM63 3xM32 4xM25	19 40 024 0419 19 40 024 0420 19 40 024 0467 19 40 024 0477	

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® HPR, Hoods, top entry, screw locking	1xM32 1xM40 1xM50 2xM25 2xM32 2xM40 3xM25 3xM25, 1xM20 4xM20 4xM25	19 40 024 0412 19 40 024 0413 19 40 024 0414 19 40 024 0431 19 40 024 0432 19 40 024 0433 19 40 024 0461 19 40 024 0471 19 40 024 0473 19 40 024 0474	
Han® HPR, Hoods, side entry, toggle locking	1xM40	19 40 024 0503	
Han® HPR, Hoods, side entry, screw locking	1xM32 1xM40 1xM50	19 40 024 0512 19 40 024 0513 19 40 024 0514	
Han® HPR, Hoods, side entry, screw locking, high construction	2xM32	19 40 024 0537	
Han® HPR, Hoods, without cable entry, screw locking		09 40 024 0811	

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® HPR, Protection cover for hoods, metal, toggle locking		09 40 024 5404	
Han® HPR, Protection cover for hoods, metal, screw locking 		09 40 024 5414	
Han® HPR, Bulkhead mounted housings, toggle locking 		09 40 024 0301	
Han® HPR, Bulkhead mounted housings, screw locking 		09 40 024 0311	

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® HPR, Bulkhead mounted housings, screw locking, with metal cover		09 40 024 0317	
Han® HPR, Surface mounted housings, horizontal version, top entry, screw locking	1xM50 3xM25 3xM25, 1xM20	19 40 024 0914 19 40 024 0931 19 40 024 0971	
Han® HPR, Surface mounted housings, horizontal version, screw locking	3xM25	19 40 024 0941	

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® HPR, Surface mounted housings, side entry, screw locking	1xM40 2xM40 2xM50	19 40 024 1263 19 40 024 1273 19 40 024 1274	
Han® HPR, Cover for housings, metal, toggle locking		09 40 024 5401	
Han® HPR, Cover for housings, metal, screw locking		09 40 024 5411	
Han® HPR, Protection cover for housings, plastic		09 40 024 5406	
Han® HPR, Panel feed through housings, for mounting from inside, screw locking	1xM50	19 40 024 1114	

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han® HPR, Panel feed through housings, for mounting from outside, screw locking 	1xM50	19 40 024 1119	
Han® HPR, Mounting frames 		09 40 000 9904	 Panel cut out

Features

- Hoods/Housings for agressive environmental requirements

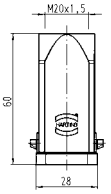
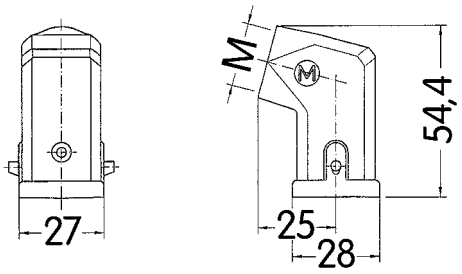
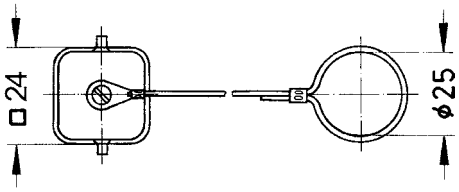
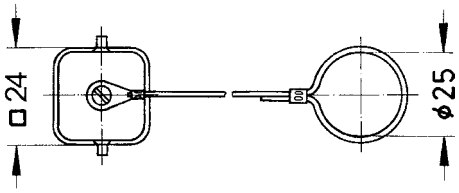
Technical characteristics

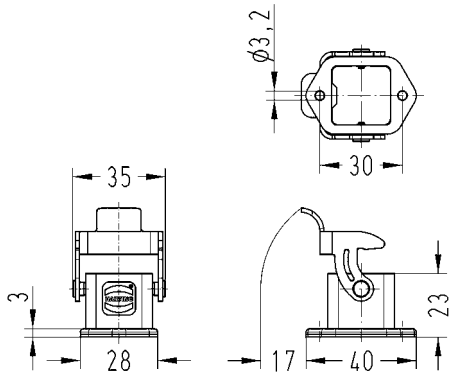
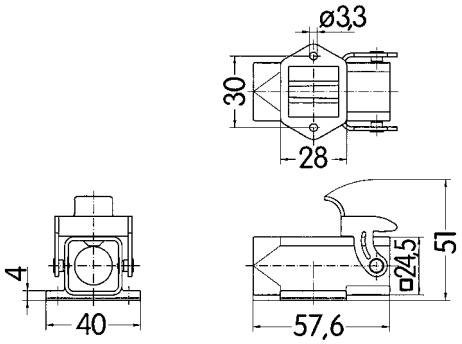
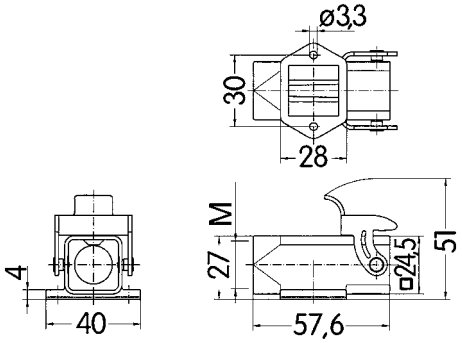
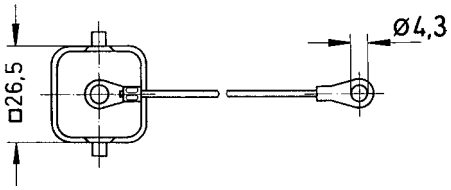
Limiting temperatures	-40 °C ... 125 °C
Flammability (locking lever) acc. to UL 94	V 0
Protection class acc. to UL 50	NEMA type 4/4X/12
Degree of protection acc. to IEC 60529	IP44 / IP67 is achieved with seal screw 09 20 000 9918, IP65 / IP67, IP65
Material (hoods/housings)	stainless steel
Surface (hoods/housings)	unpainted, powder-coated
Material (locking lever)	stainless steel
Material (seal)	NBR
Material (accessories)	NBR
Material (screwing)	stainless steel

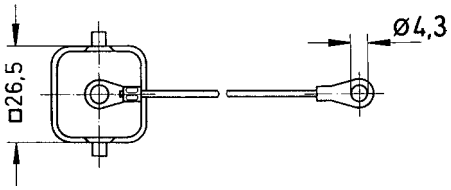
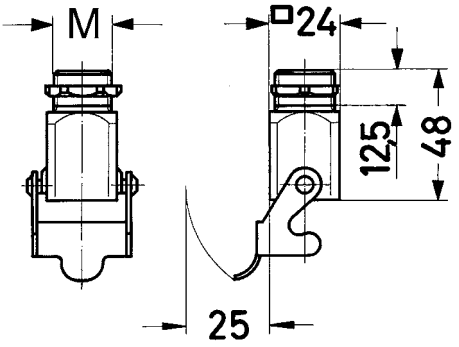
Specifications and approvals

GL

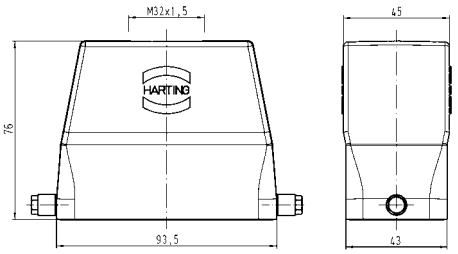
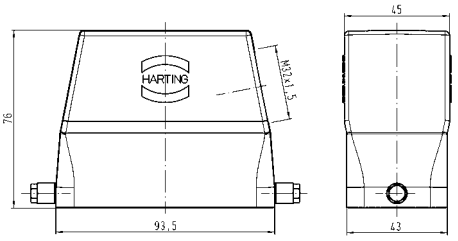
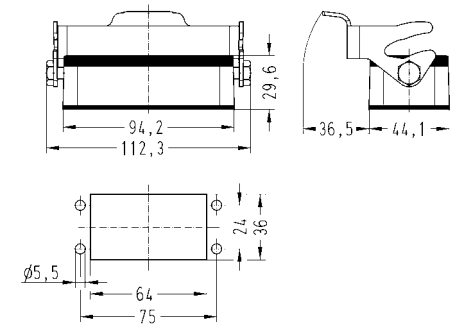
Hoods/Housings for agressive environmental requirements
double locking lever

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han-INOX®, Hoods, top entry, electrically conductive 	1xM20	19 44 003 1440	
Han-INOX®, Hoods, side entry 	1xM20	19 44 003 1640	
Han-INOX®, Protection cover for hoods, for mounted female insert or for mounted Han-Brid® insert, metal, with securing flex 		19 44 003 5421	
Han-INOX®, Protection cover for hoods, for mounted male insert or for mounted Han-Brid® insert, metal, with securing flex 		19 44 003 5422	

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han-INOX®, Bulkhead mounted housings, straight 		19 44 003 0301	 Panel cut out 22 x 22 mm
Han-INOX®, Bulkhead mounted housings, angled 		19 44 003 0801	 Panel cut out 22 x 22 mm
Han-INOX®, Surface mounted housings, side entry 	1xM20	19 44 003 1250	
Han-INOX®, Protection cover for housings, for mounted female insert or for mounted Han-Brid® insert, metal, with securing flex 		19 44 003 5425	

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han-INOX®, Protection cover for housings, for mounted male insert or for mounted Han-Brid® insert, metal, with securing flex 		19 44 003 5426	
Han-INOX®, Screw mounted housings, top entry Range of delivery: 1x M20 stainless steel screw nut 	1xM20	19 44 003 1150	

single locking lever

Identification	Cable entry	Part number	Drawing Dimensions in mm
Han-INOX®, Hoods, top entry	1xM32	19 44 310 0447	
Han-INOX®, Hoods, side entry	1xM32	19 44 310 0547	
Han-INOX®, Protection cover for hoods, metal		19 44 310 5422	
Han-INOX®, Bulkhead mounted housings		19 44 310 0305	 Panel cut out

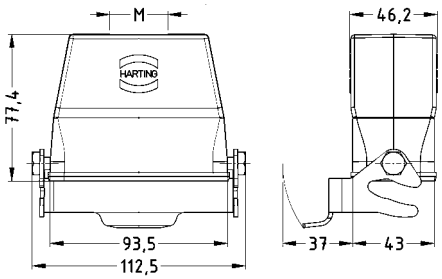
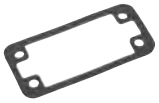
Identification	Cable entry	Part number	Drawing Dimensions in mm
Han-INOX®, Bulkhead mounted housings, with protection cover		19 44 310 0303	
Han-INOX®, Protection cover for bulkhead mounted housings, metal		19 44 310 5421	
Han-INOX®, Cable to cable housings, top entry	1xM32	19 44 310 0757	
Han-INOX®, Flange gasket 		19 44 000 9902	

Photo courtesy: MAN Diesel & Turbo SE

HARTING Han® Hoods/Housings
for control of marine Diesel engines.