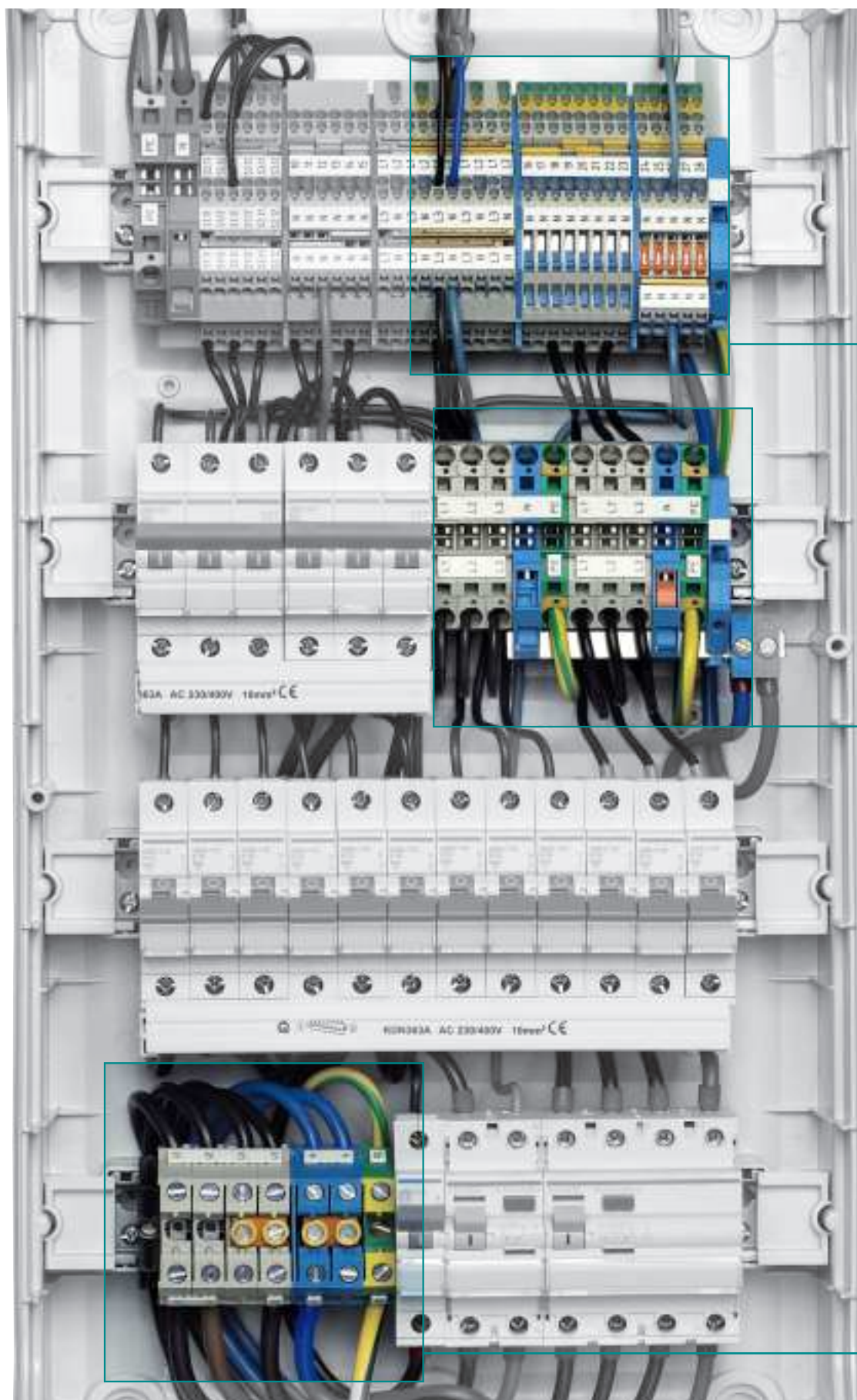


DIN rail terminal blocks for junction boxes

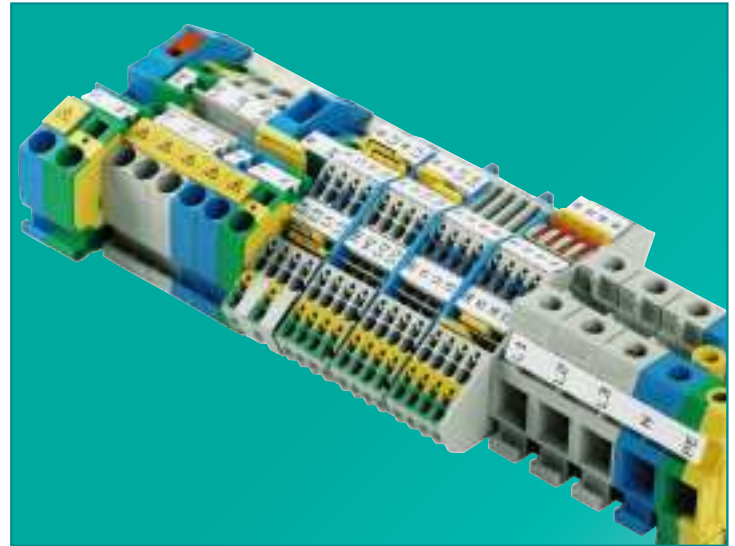


"We at Wieland" know what you need!

For more than 100 years we have been your competent partner in the field of connection technology for your products. Close cooperation with our customers helps to create innovative products manufactured according to the highest quality standards.

Increasing automation as well as the safety functions to be implemented inside buildings increase the requirements for power and signal management in electrical distribution systems. The growing number of circuits and the increasingly confined space available requires a DIN rail terminal block system that reduces the amount and costs of cabling but still enables clear and convenient wiring.

Wieland's DIN rail terminal blocks provide you with the right solution.



selos/fasis BIT

fasis BIT-S Type WKIS...

selos BIT Type WK/WKI...

selos BIT Type WK/WKI...

The right solution for your application

All DIN rail terminal blocks in the BIT series comply with the directives for the setup of high-voltage and supply systems for safety services according to VDE 0108 and have been designed for use in public buildings. Isolation measurement, for example, can be carried out with the wires connected.

You have the choice. The connection technology can be implemented either in purely spring clamp or screw technology or they can be mixed together.

DIN rail terminal blocks with push-in spring

The new installation blocks of series **fasis** BIT-S with push-in spring are an outstanding extension of the existing range.

fasis BIT-S helps to increase efficiency in electrical installations even more since rigid as well as flexible wires with ferrules can be directly connected without opening the termination point thus achieving considerable time savings.

DIN rail terminal blocks with tension spring

The tension spring technology of series **fasis** BIT stands out due to its maintenance-free and vibration-proof connection technology. The TOP connection is especially suitable for confined spaces.

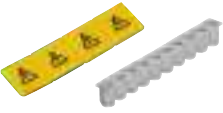
Due to its great product variety and a wire range between 0.5 mm² and 16 mm² the **fasis** BIT series enables many innovative solutions for various requirements.

DIN rail terminal blocks with screw connection

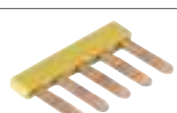
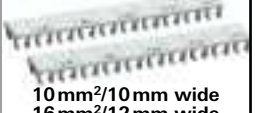
The screw connection technology of series **selos** BIT is the best known and most used connection technology worldwide. The lateral connection option makes wiring more convenient in installations, especially on the supply side and in the case of larger cross sections.

The **selos** BIT series can be used universally; with its wire range between 0.5 mm² and 50 mm² it is very user-friendly.

DIN rail terminal blocks for junction boxes with tension spring connection, type *WKF/WKIF/WKIS*

Page 14/15	 WKF 2,5/35	 WKF 2,5 D1/2/35	 WKF 4 /35		 WKF 16/35 PV/WKF
Page 16/17	 WKF 6/35	 WKF 10/35	 WKIF 16/1 /35	 WKF 16/35	
Page 18/19	 WKF 4 NT/35	 WKF 10 NT/35	 WKIF 16/1 NT/35		 WAK 16/2, WAK 35/2
Page 20/21	 WKF 2,5 SL/35	 WKF 2,5 D1/2/SL/35	 WKF 4 SL/35		
Page 22/23	 WKF 6 SL/35	 WKF 10 SL/35	 WKIF 16/1 SL/35	 WKF 16 SL/35	
Page 24/25	 WKIF 2,5 D	 WKIF 2,5 D-D WKIF 2,5 N-D	 WKIF 2,5 D-D-SL WKIF 2,5 N-D-SL	 WKIF 2,5 NT-D-SL	 WKIF 2,5 NTM-D-SL
Page 28/29	 WKIS 2,5 D	 WKIS 2,5 D-D WKIS 2,5 N-D	 WKIS 2,5 D-D-SL WKIS 2,5 N-D-SL	 WKIS 2,5 NT-D-SL	 WKIS 2,5 NTM-D-SL
Page 30/31	 Cross connector	 Notching tool	 PS WKC/F	 Warning symbol/LEL	 Screwdriver

DIN rail terminal blocks for junction boxes with screw connection, type *WK/WKI/WKN*

Page 36/37	 WK 2,5/U	 WK 4/U	 WKI 10/U	 WKI 16/U	 WKI 35/U
Page 38/39	 WKN 4 ETK/U	 WKI 10 ETK/U	 WKI 16 ETK/U	 WAK 16/2 BLAU, WAK 35/2 BLAU, WAK 35/2	
Page 40/41	 WK 2,5 SL/35	 WK 4 SL/35	 WKI 10 SL/35	 WKI 16 SL/35	 WKI 35 SL/35
Page 42/43	 WKI 10 PEN/35	 WKI 16 PEN/35	 WKI 35 PEN/35		
Page 44/45	 WKI 4 DU	 WKI 4 D-D	 WKI 4 D-D-SL	 WKI 4 N-D-SL	 WKI 4 NT-D-SL (-GL)
Page 46	 WKI 4 NTN-D-SL	 WKI 4 TKG-D-SL			
Page 48/49	 Cross connectors	 Cross connectors uninsulated+ insulated	 Jumper bars insulated	 Cover with warning symbol	 Partition plate/cover
Page 50/51	 TS 35x7,5	 TS 35x15	 TS 35x15	 End clamp for TS 35	 End clamp for TS 35
Page 52/53	 marcom	 wiemarc	 wieplot	 Marking accessories	 Engraving unit
Page 54/55	 Marking accessories	 Marking tags	 2.5mm²/5mm wide	 4mm²/6mm wide	 10mm²/10mm wide 16mm²/12mm wide 35mm²/16mm wide
Page 56/57	 Ferrules			 Wire strippers 0.08-10mm²	 Pressing tools

Configuration software for junction boxes, DIN rail terminal blocks



wieplan was developed to provide you with a powerful software tool for the configuration of terminal block assemblies using Wieland DIN rail terminal blocks.

wieplan is available in 4 languages. It is user-friendly and its intuitive user interface guides you step by step through the entire configuration process.

wieplan supports you in your planning activities with CAE systems providing direct data exchange, e.g. with EPLAN. After completion you can optionally order your configured terminal block assembly from Wieland for complete preassembly.

Thus **wieplan** helps you to save time and money.

Managing projects Benefits:

- To begin each configuration you automatically start from the basic project management menu.
- You create new projects and are reliably guided through the easy and practice-oriented program logics.
- You always have the choice of either opening an already existing project or of creating a new one.

Configuring terminal block assemblies without errors

Benefits:

- You work with high-quality graphs viewing the terminal blocks from the top; the accessories added are visible at any time.
- You continually use the plausibility check that reminds you of the accessories required such as end plates.
- You are provided with a product catalog with search function; you can add your own order numbers, if required; and you can create libraries for self-defined products.

Entering order data

Benefits:

- You enter your data such as invoice and delivery address in the order data screen only once and can use them for any follow-up orders.
- You may order by e-mail; in this case the terminal block assembly data are zipped automatically.

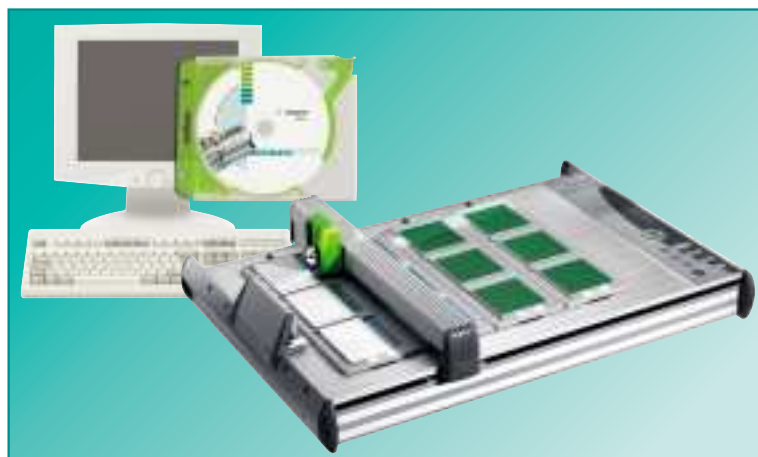
Terminal block assembly output

Benefits:

- You print out the order, the parts list and the drawing data, and, if required, your own order numbers.
- You create a DXF file and export the current terminal block assembly to a CAD program.
- You export the marking in CSV format including all marking data for further processing in **wiemarc**, for example.
- You can use a bidirectional interface available for your CAE system EPLAN.



Marking system for junction boxes, DIN rail terminal blocks



Individual marking of DIN rail terminal blocks means **wiemarc** and **wieplot** at Wieland Electric. The **wiemarc** software was developed to provide you with maximum flexibility in marking your terminal block assemblies. Together with **wieplot** you have a powerful marking system that enables you to work professionally from the individual marking tag to series marking of your terminal block assemblies. You feel confident with the system due to its easy handling and visual representation of your marking, even when you use it for the first time.

But **wieplot** offers even more!

In addition to the marking tags for DIN rail terminal blocks you can also print self-adhesive tags and labels or cable markings. A slight modification can even make your plotter a powerful engraving system.



Marking with a system – **selos – fasis**

- Individual marking of all terminal blocks for clear wire/termination point assignment
- One single marking system for all designs
- Marking of individual tags; marking strips in the relevant terminal block spacing; or group markings
- Individual planning of terminal block assemblies and markings with **wieplan**

Ready for universal use – **wieplot**

- Marks all common marking systems available for DIN rail terminal blocks
- Different marking tags can be marked individually in one single work step
- Marking of labels, self-adhesive tags and cables is possible

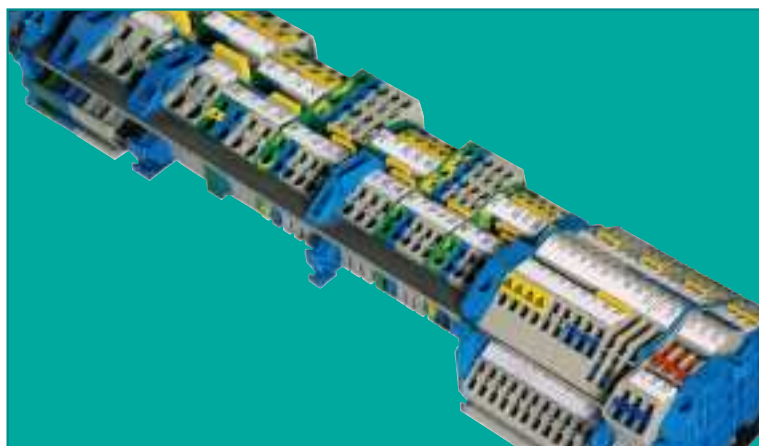
Easy and quick – **wiemarc**

- Simple and intuitive user interface
- Direct graphical display of the marking tags including plausibility check
- Customized layouts can be created individually
- Data import from CAD, Excel, text or **wieplan** files

Durable and safe – **wieplot** engraving system

- Easy modification to **wieplot** to make it an engraving system
- Engraving of multi-layer plastic boards
- Clean and dust-proof operation due to integrated vacuum device
- Create individual layouts using **wiemarc**

DIN rail terminal blocks for junction boxes with tension spring connection, type *WKF/WKIF*



The tension spring technology of series **fasis** BIT stands out due to its maintenance-free and vibration-proof connection technology. The TOP connection is especially suitable for confined spaces. The **fasis** BIT series has been designed for use in distribution systems. It accommodates the standardized dimensions for small and field distribution units with cover according to DIN 43871.

The neutral disconnect function integrated in **fasis** BIT enables the specified isolation measurement of all active conductors without having to disconnect the neutral conductor; the system can therefore be used in public and functional buildings.

Installation block WKIF 2,5...

Circuit wiring with only one terminal block

- Wiring and assignment of the circuits clearly visible due to 5 mm wide, three-tier design.
- Neutral conductor connection, line feed-through and ground connection are combined in one terminal block.
- Safety and convenience due to selectable neutral disconnect
 - Disconnect unit for the neutral busbar, version ...NT-D-SL
 - Internal disconnect of the neutral potential, version ...NTM-D-SL

Standard DIN rail terminal blocks for junction boxes

WKF 2,5 – WKF 16

Power supply and distribution

- Incoming supply, power distribution in sub-systems and routing to other sub-systems.
- Ground contact to the mounting rail is made immediately after snap-on of the ground block.
- PEN function with 2 pole cross connector and ground connection through neutral feed-through block.
- Safe disconnect of the neutral potential from the neutral busbar due to selectable neutral disconnect unit.

Operation of the terminal blocks

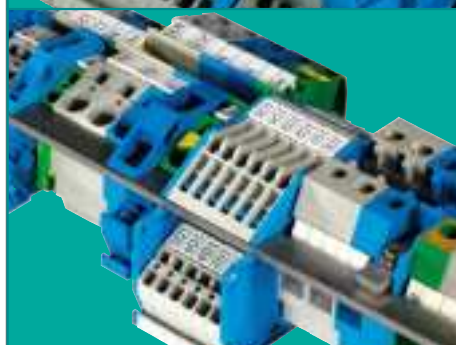
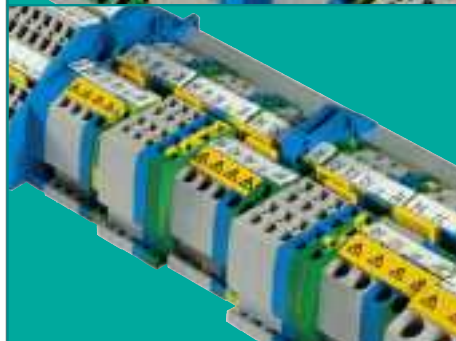
Convenient switching and operation

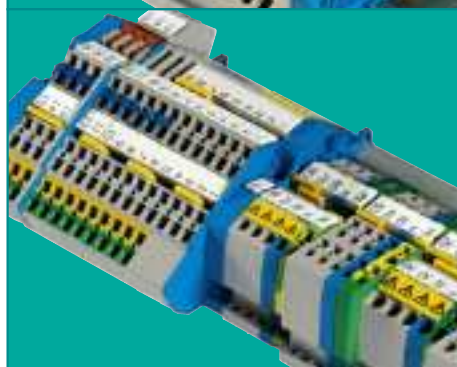
- Convenient operation due to screwless spring connection technology without screws in inclined design. Wire entry and terminal operation are performed in parallel on one tier.
- Permanently secure and dynamic connection due to the spring connection technology with tension spring system and separation of electrical and mechanical functions.
- Safety and user-friendly operation even when the neutral conductor is disconnected from the neutral busbar by means of a disconnect unit to perform an insulation test with visual control.

Mixed and single-sort application

Combinations within the system

- A combination of the installation blocks with standard DIN rail terminal blocks and different connection styles.
- Example:
 - Incoming supply and circuit wiring with the screwless spring connection of **fasis** BIT throughout.
 - Incoming supply with the proven **selos** BIT screw connection style and circuit wiring with the compact **fasis** BIT installation blocks.





Accumulating and isolating the neutral potential

- Combining the neutral conductors of the individual circuits through the neutral busbar up to a current load of 140 A.
- Connection of the busbar's neutral potential to the ground-fault circuit interrupter or supply for the distribution unit with connector clamp WAK in 16 or 35 mm².
- Safe and stable 3D positioning of the neutral busbar through busbar support with end clamping function.

Jumpering the terminal blocks

- Touchproof jumpering with insulated cross connector.
- High resistance of the cross connectors to the "rated current" of the rated cross section.
- High resistance to mechanical wear.
 - Due to a separation of the mechanical and electrical functions
 - Protection against excessive bending of the contact spring due to its structural design

Marking live potentials

- Marking of live components for greater safety.
- For terminal blocks that remain live when the main switch is disconnected (DIN VDE 0113).
- The snap-on cover can only be removed with a tool.

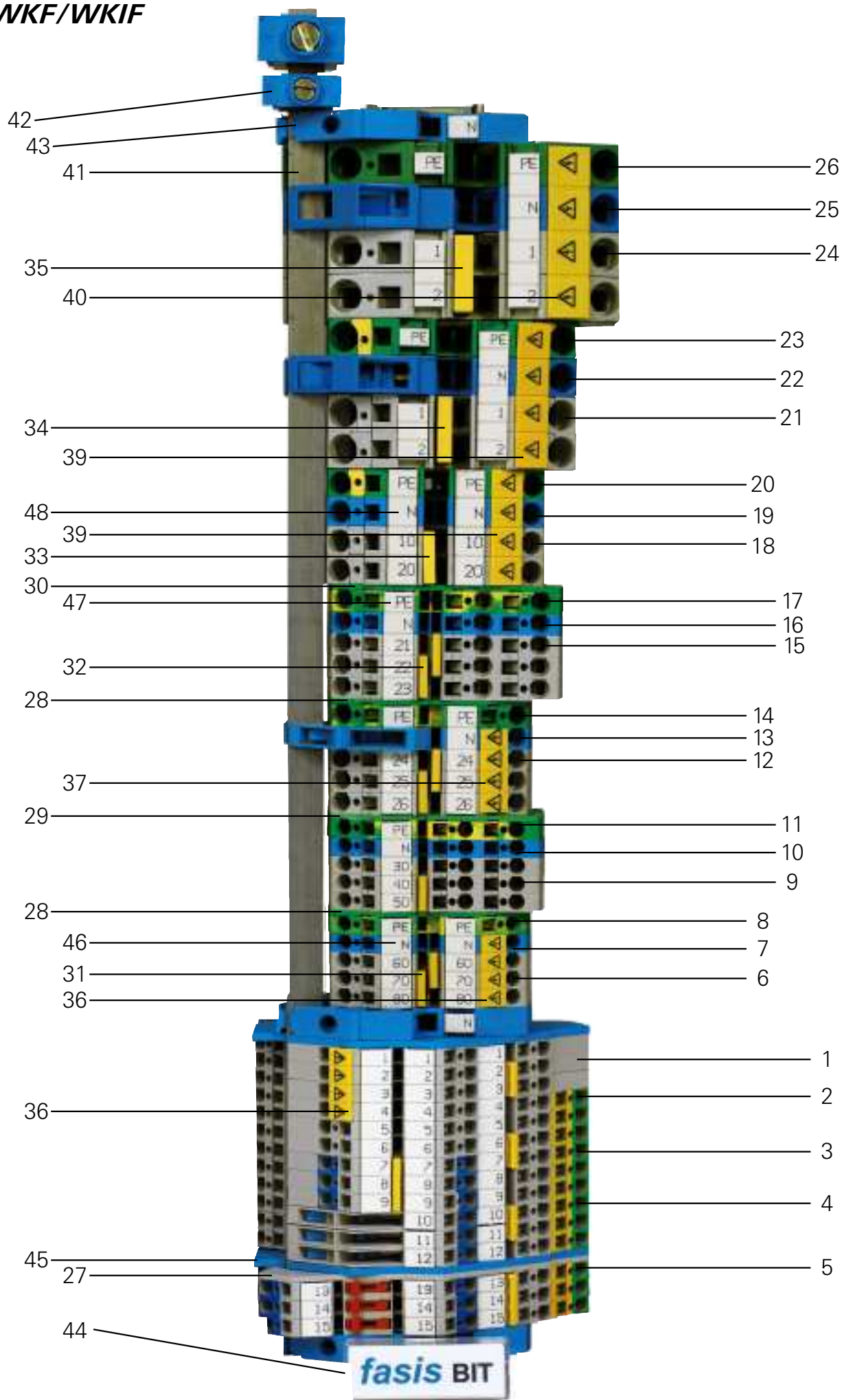
Clearly marking all clamping points

- Marking tags easily readable even with the wires connected.
- Clear assignment of wire to clamping point during wiring.
- Simplified troubleshooting for servicing.
- Individual marking with the **wiemarc** and **wieplot** marking systems.

Selection of high-quality materials

- Special alloys enable low contact resistance and provide a gas-tight contact area:
 - Clamping spring: stainless CrNi steel
 - Busbar: tin-plated copper
- Polyamide has excellent electrical, chemical and mechanical characteristics:
 - Temperature resistance: up to 120 °C
 - Creepage resistance: CTI 600
 - Flammability class: self-extinguishing, UL94-V0

DIN rail terminal blocks for junction boxes with tension spring connection, type *WKF/WKIF*



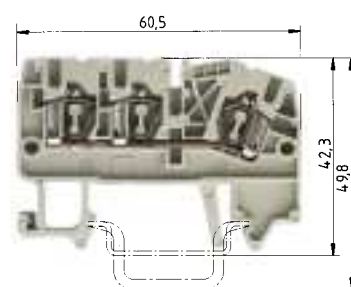
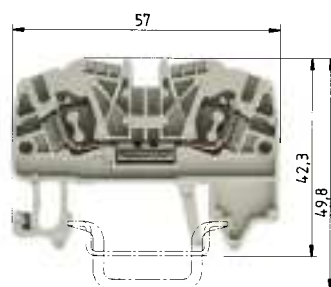
Item	Description	Type	Part No.
1	Installation block	WKIF 2,5 D-D	56.703.9753.0
2	Installation block	WKIF 2,5 D-D-SL	56.703.9853.0
3	Installation block	WKIF 2,5 N-D-SL	56.703.9453.0
4	Installation block	WKIF 2,5 NT-D-SL	56.703.9553.0
5	Installation block	WKIF 2,5 NTM-D-SL	56.703.8653.0
6	Feed-through block	WKF 2,5 /35	56.703.0053.0
7	Feed-through block, blue	WKF 2,5 /35 BLAU	56.703.0053.6
8	Ground block	WKF 2,5 SL/35	56.703.9053.0
9	Duo feed-through block	WKF 2,5 D1/2/35	56.703.5053.0
10	Duo feed-through block, blue	WKF 2,5 D1/2/35 BLAU	56.703.5053.6
11	Duo ground block	WKF 2,5 D1/2/SL/35	56.703.9353.0
12	Feed-through block	WKF 4 /35	56.704.0053.0
13	Neutral disconnect block	WKF 4 NT/35	56.704.8153.0
14	Ground block	WKF 4 SL/35	56.704.9053.0
15	Duo feed-through block	WKF 4 D1/2/35	56.704.5053.0
16	Duo feed-through block, blue	WKF 4 D1/2/35 BLAU	56.704.5053.6
17	Duo feed-through block	WKF 4 D1/2/SL/35	56.704.9353.0
18	Feed-through block	WKF 6 /35	56.706.0053.0
19	Neutral disconnect block	WKF 6 /35 BLAU	56.706.0053.6
20	Ground block	WKF 6 SL/35	56.706.9053.0
21	Feed-through block	WKF 10 /35	56.710.0053.0
22	Neutral disconnect block	WKF 10 NT/35	56.710.8153.0
23	Ground block	WKF 10 SL/35	56.710.9053.0
24	Feed-through block	WKIF 16/2 /35	56.716.1155.0
25	Neutral disconnect block	WKIF 16/2 NT/35	56.716.8155.0
26	Ground block	WKIF 16/2 SL/35	56.716.9155.0
27	End plate	APIF 2,5 TM	07.312.8053.0
28	End plate, green	APF 2,5-4 GRÜN	07.312.2153.7
29	End plate, green	APF 2,5 D1/2 GRÜN	07.312.2353.0
30	End plate, green	APF 4 D1/2 GRÜN	07.312.4853.7
31	Cross connector, 2 pole	IVB-WKF 2,5-2	Z7.280.6227.0
32	Cross connector, 2 pole	IVB-WKF 4-2	Z7.261.1227.0
33	Cross connector, 2 pole	IVB-WKF 6-2	Z7.282.4227.0
34	Cross connector, 2 pole	IVB-WKF 10-2	Z7.283.4227.0
35	Cross connector, 2 pole	IVB-WKF 16-2	Z7.284.4227.0
36	Cover with warning symbol	ADF 2,5/4 GELB	04.343.6053.8
37	Cover with warning symbol	ADF 4/4 GELB	04.343.6153.8
38	Cover with warning symbol	ADF 6/4 GELB	04.343.6253.8
39	Cover with warning symbol	ADF 10/4 GELB	04.343.6453.8
40	Cover with warning symbol	ADF 16/4 GELB	04.343.6653.8
41	Busbar, E-Cu, 10 x 3mm, tin-plated	9813 M SN	98.290.1000.0
42	Connector clamp f. busbar	WAK 16/2 BLAU	30.494.3021.6
43	Busbar support as end clamp	WKIF SH/E/35	Z1.108.8453.0
44	Group marking tag with carrier	BS/R	Z4.243.8453.0
45	Busbar support	WKIF SH/35	01.108.7653.0
46	Marking strips 5 mm	9705 A/5/10	04.242.5053.0
47	Marking strips 6 mm	9705 A/6/10	04.242.6053.0
48	Marking strips 8 mm	9705 A/8/10	04.242.8053.0

Feed-through blocks for junction boxes with tension spring connection, type **WKF**

*) In order to maintain the proper isolation distances, the open side of a feed-through terminal block as well as both sides of a jumper are to be covered by partitions.

1) Please note the mounting instructions.

2) Do not use in Ex environments.



0344 II 2GD IM2

Ex e I/II

EN 60 947-7-1:2002

UL ratings

CSA ratings

KEMA 01 ATEX 2087 U¹⁾ EN 60079-0/EN 60079-7

Width Wire strip length

Approvals

field/factory wiring

WKF 2,5/35

fine-stranded solid	V	A
0.13 – 2.5 mm ² 0.13 – 4 mm ²	800 V/8 kV/3	24
No. 22-12 AWG	600 V	20/30
No. 24-12 AWG	600 V	25
0.5 – 2.5 mm ² 0.5 – 4 mm ²	690 V*)	22
5 mm		11 mm

ATEX RINA LR BV AEx

WKF 2,5 D1/2/35

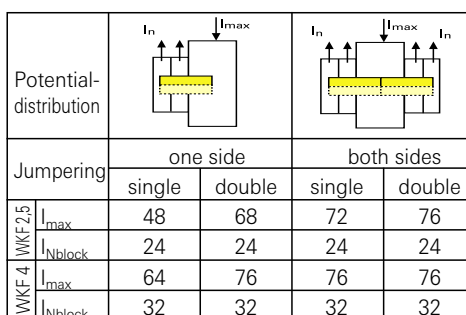
fine-stranded solid	V	A
0.13 – 2.5 mm ² 0.5 – 4 mm ²	800 V/8 kV/3	24
No. 22-12 AWG	600 V	20/30
No. 24-12 AWG	600 V	25
0.5 – 2.5 mm ² 0.5 – 4 mm ²	690 V*)	22
5 mm		11 mm

ATEX RINA LR BV AEx

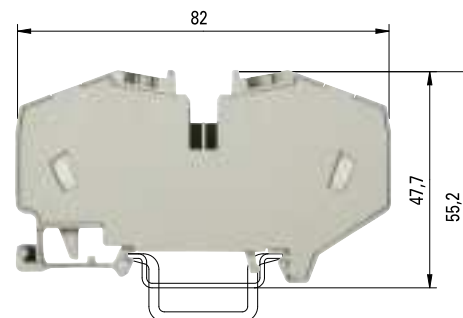
	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Feed-through block	gray	WKF 2,5/35	56.703.0053.0	100		
Feed-through block	blue	WKF 2,5/35 BLAU	56.703.0053.6	100		
Duo feed-through block	gray					
Duo feed-through block	blue					
Supply block	gray					
Accessories						
1. Mounting rail 35, DIN rail 7.5 mm high	L = 2 m	35x27x7,5 EN 60715	98.300.0000.0	1		
Mounting rail 35, DIN rail 15 mm high	L = 2 m	35x24x15 EN 60715	98.360.0000.0	1		
2. End clamp TS 35, with screw ²⁾	8 mm wide	9708/2 S35	Z5.522.8553.0	100		
End clamp TS 35, without screw	8 mm wide	WEF 1/35	Z5.523.9353.0	100		
3. End plate	gray	APF 2,5 – 4	07.312.2153.0	10		
	blue	APF 2,5 – 4 BLAU	07.312.2153.6	10		
4. Partition	gray	TWF 2,5 – 4	07.312.2253.0	10		
	blue	TWF 2,5 – 4 BLAU	07.312.2253.6	10		
5. Cross connector, insulated	2 pole	IVB WKF 2,5 – 2	Z7.280.6227.0	10		
	3 pole	IVB WKF 2,5 – 3	Z7.280.6327.0	10		
	4 pole	IVB WKF 2,5 – 4	Z7.280.6427.0	10		
	5 pole	IVB WKF 2,5 – 5	Z7.280.6527.0	10		
	6 pole	IVB WKF 2,5 – 6	Z7.280.6627.0	10		
	7 pole	IVB WKF 2,5 – 7	Z7.280.6727.0	20		
	8 pole	IVB WKF 2,5 – 8	Z7.280.6827.0	20		
	9 pole	IVB WKF 2,5 – 9	Z7.280.6927.0	20		
	10 pole	IVB WKF 2,5 – 10	Z7.280.7027.0	20		
6. Wire entry guide	0.13 – 0.2 mm ²	LEL 2,5/1 WEISS	05.561.6553.0	100		
	0.25 – 0.5 mm ²	LEL 2,5/2 GRAU	05.561.6653.0	100		
	0.75 – 1.0 mm ²	LEL 2,5/3 SCHWARZ	05.561.6753.0	100		
7. Cover with warning symbol over 4 blocks		ADF 2,5/4 GELB	04.343.6053.8	10		
8. Busbar, E-Cu 10 x 3 mm, tin-plated	L = 1 m					
9. Connector clamp for busbar	8.5 mm wide					
	12.5 mm wide					
	17 mm wide					
10. Busbar support	8 mm wide					
11. Screwdriver, uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0	5		
Marking accessories see page 52-54						



 ATEX RINA LR BV AEx Ex



$$I_{\max} = \sum I_n \leq \sum I_{\text{Nblock}}$$



WKF 16/35 PV/WKF

SEV NV ATEX RINA BV

depending on the terminal block

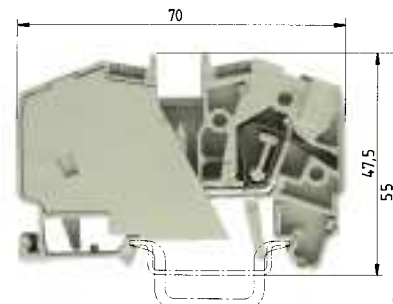
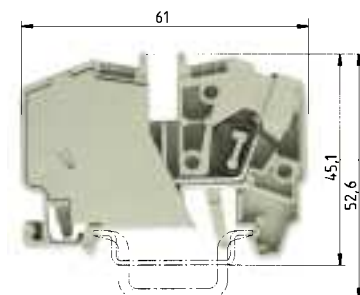
IVB WKF 2,5...	5 mm spacing
IVB WKF 4...	6 mm spacing

Feed-through blocks for junction boxes with tension spring connection, type *WKF/WKIF*

*¹⁾ In order to maintain the proper isolation distances, the open side of a feed-through terminal block as well as both sides of a jumper are to be covered by partitions.

¹⁾ Please note the mounting instructions.

²⁾ Do not use in Ex environments.



0344 II 2GD IM2

Ex e I/II

EN 60 947-7-1:2002

UL ratings field/factory wiring

CSA ratings

KEMA 01 ATEX 2087 U¹⁾ EN 60079-0/EN 60079-7

Width Wire strip length

Approvals

WKF 6/35

	fine-stranded	solid	V	A
0.5 – 6 mm ²	0.5 – 6 mm ²	800 V/8 kV/3	41	
No. 20-10 AWG		600 V	40	
No. 20-10 AWG		600 V	47	
0.5 – 6 mm ²	0.5 – 6 mm ²	750 V	38	
8 mm			12 mm	

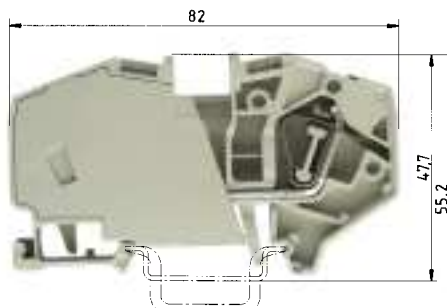
ATEX RINA LR BV AEx Ex

WKF 10/35

	fine-stranded	solid	V	A
2.5 – 10 mm ²	2.5 – 10 mm ²	800 V/8 kV/3	57	
No. 14-8 AWG		600 V	55	
No. 14-8 AWG		600 V	65	
2.5 – 10 mm ²	2.5 – 10 mm ²	750 V	54	
10 mm			13 mm	

ATEX RINA LR BV AEx Ex

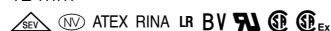
	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Feed-through block gray	WKF 6/35	56.706.0053.0	100	WKF 10/35	56.710.0053.0	50
Feed-through block blue	WKF 6/35 BLAU	56.706.0053.6	100	WKF 10/35 BLAU	56.710.0053.6	50
Neutral disconnecter block blue						
Ground block green/yellow						
Accessories						
1. Mounting rail 35, DIN rail 7.5 mm high L = 2 m	35x27x7.5 EN 60715	98.300.0000.0	1	35x27x7.5 EN 60715	98.300.0000.0	1
Mounting rail 35, DIN rail 15 mm high L = 2 m	35x24x15 EN 60715	98.360.0000.0	1	35x24x15 EN 60715	98.360.0000.0	1
2. End clamp TS 35, with screw ²⁾ 8 mm wide	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
End clamp TS 35, without screw 8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate gray						
blue						
4. Partition gray						
blue						
5. Cross connector, insulated 2 pole	IVB WKF 6 – 2	Z7.282.4227.0	10	IVB WKF 10 – 2	Z7.283.8227.0	10
3 pole						
4 pole						
5 pole						
6 pole						
7 pole						
8 pole						
9 pole						
10 pole						
6. Wire entry guide 0.13 – 0.2 mm ²						
0.25 – 0.5 mm ²						
0.75 – 1.0 mm ²						
7. Cover with warning symbol over 4 blocks	ADF 6/4 GELB	04.343.6253.8	10	ADF 10/4 GELB	04.343.6453.8	10
8. Busbar, E-Cu 10x3 mm, tin-plated L = 1 m	9813 M SN	98.290.1000.0	1	9813 M SN	98.290.1000.0	1
9. Connector clamp for busbar 8.5 mm wide						
12.5 mm wide						
17 mm wide						
10. Busbar support 8 mm wide	WKIF SH/E/35	Z1.108.8453.0	100	WKIF SH/E/35	Z1.108.8453.0	100
11. Screwdriver uninsulated	DIN 5264 B 0,8x4	06.502.4100.0	5	DIN 5264 B 0,8x4	06.502.4100.0	5
Marking accessories see page 52-54						



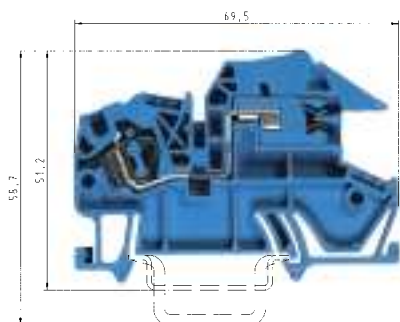
WKIF 16/1 /35

12 mm 16 mm

fine-stranded	stranded	V	A
4 – 16 mm ²	4 – 16 mm ²	800 V/8 kV/3	76
No. 24-4 AWG		600 V	75
No. 12-4 AWG		600 V	78
4 – 16 mm ²	4 – 16 mm ²	690 V	69
12 mm			15 mm

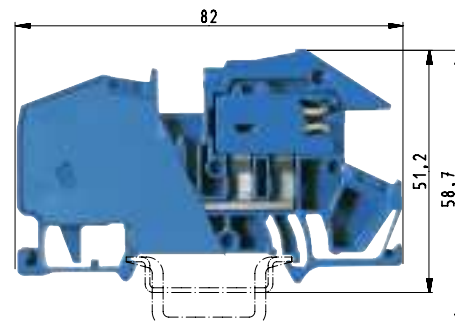
17

Neutral disconnect blocks for junction boxes with tension spring connection, type *WKF/WKIF*



WKF 4 NT/35

fine-stranded solid V A
0.13 – 4 mm² 0.13 – 6 mm² 400 V/6 kV/3 25



WKF 10 NT/35

fine-stranded stranded V A
2.5 – 10 mm² 2.5 – 10 mm² 400 V/6 kV/3 57

EN 60 947-7-1; 1991/DIN VDE 0611 T1/08.92

UL ratings field/factory wiring

CSA ratings

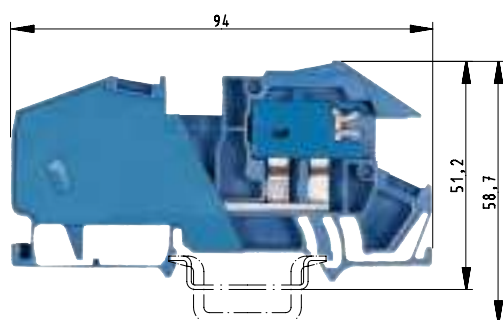
Width Wire strip length

Approvals 6 mm 11 mm 10 mm 13 mm

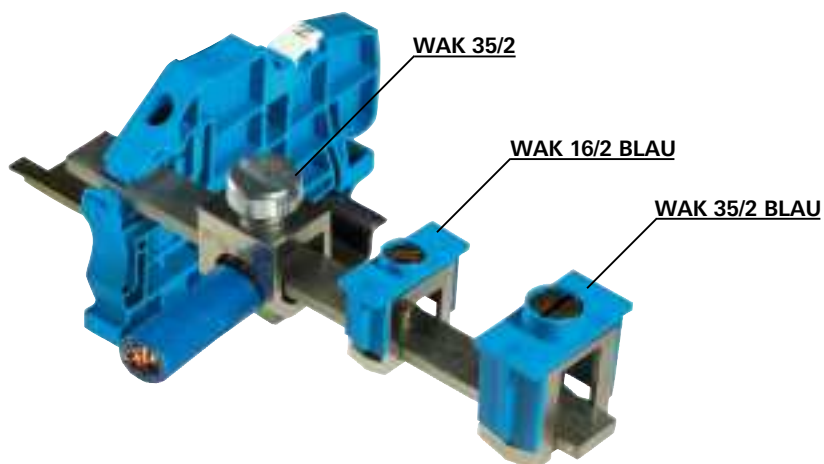
	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Feed-through block gray						
Feed-through block blue						
Neutral disconnect block blue	WKF 4 NT/35	56.704.8153.0	100	WKF 10 NT/35	56.710.8153.0	50
Connector clamp for Cu busbar blue						
unplated						
Accessories						
1. Mounting rail 35, DIN rail 7.5 mm high L = 2 m	35x27x7,5 EN 60715	98.300.0000.0	1	35x27x7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, DIN rail 15 mm high L = 2 m	35x24x15 EN 60715	98.360.0000.0	1	35x24x15 EN 60715	98.360.0000.0	1
2. End clamp TS 35, with screw 8 mm wide	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
End clamp TS 35, without screw 8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate gray						
blue	APF 4 NT	07.312.5653.0	10			
4. Partition						
5. Cross connector, insulated 2 pole	IVB WKF 4 – 2	Z7.261.1227.0	10	IVB WKF 10 – 2	Z7.283.8227.0	10
3 pole	IVB WKF 4 – 3	Z7.261.1327.0	10			
4 pole	IVB WKF 4 – 4	Z7.261.1427.0	10			
5 pole	IVB WKF 4 – 5	Z7.261.1527.0	10			
6 pole	IVB WKF 4 – 6	Z7.261.1627.0	10			
7 pole	IVB WKF 4 – 7	Z7.261.1727.0	20			
8 pole	IVB WKF 4 – 8	Z7.261.1827.0	20			
9 pole	IVB WKF 4 – 9	Z7.261.1927.0	20			
10 pole	IVB WKF 4 – 10	Z7.261.2027.0	20			
6. Wire entry guide 0.13 – 0.2 mm ²	LEL 4/1 WEISS	05.561.8553.0	100			
0.25 – 0.5 mm ²	LEL 4/2 GRAU	05.561.8653.0	100			
0.75 – 1.0 mm ²	LEL 4/3 SCHWARZ	05.561.8753.0	100			
7. Cover with warning symbol over 4 blocks	ADF 4/4 GELB	04.343.6153.8	10	ADF 10/4 GELB	04.343.6453.8	10
8. Busbar, E-Cu 10 x 3 mm, blank, I _N = 140 A L = 1 m						
E-Cu 10 x 3 mm, tin-plated, I _N = 140 A L = 1 m	9813 M SN	98.290.1000.0	1	9813 M SN	98.290.1000.0	1
9. Connector clamp for busbar 8.5 mm wide	WAK 16/2 BLAU	30.494.3021.6	100	WAK 16/2 BLAU	30.494.3021.6	100
12.5 mm wide	WAK 35/2 BLAU	30.494.4021.6	100	WAK 35/2 BLAU	30.494.4021.6	100
17 mm wide	WAK 35/2	30.494.4121.0	50	WAK 35/2	30.494.4121.0	50
10. Busbar support 8 mm wide	WKIF SH/E/35	Z1.108.8453.0	100	WKIF SH/E/35	Z1.108.8453.0	100
11. Screwdriver uninsulated	DIN 5264 B 0,6x3,5	06.502.4000.0	5	DIN 5264 B 0,8x4	06.502.4100.0	5
12. Switching disable for neutral disconnect switch	SPNT	05.565.6855.9	10			

Marking accessories see page 52-54

Connector clamp for Cu busbar (10 x 3 mm), type **WAK**



EN 60 998-2-1 CCA/CH



EN 60 998-2-1 CCA/CH

WKIF 16/1 NT/35

fine-stranded 4 – 16 mm² stranded 4 – 16 mm² V 400 V/6 kV/3 A 76

12 mm

15 mm

WAK 16/2

fine-stranded 1.5 – 16 mm² stranded 10 – 16 mm² V A 76

8,4 mm



WAK 35/2

fine-stranded 16 – 35 mm² stranded 16 – 35 mm² V A 125

17 mm



14 mm

Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
WKIF 16/1 NT/35	56.716.8155.0	50						
			WAK 16/2 BLAU/VO	30.494.3021.6	100	WAK 35/2 BLAU	30.494.4021.0	50
						WAK 35/2	30.494.4121.0	50
35x27x7,5 EN 60715	98.300.0000.0	1						
35x24x15 EN 60715	98.360.0000.0	1						
9708/2 S35	Z5.522.8553.0	100						
WEF 1/35	Z5.523.9353.0	100						
IVB WKF 16 – 2	Z7.284.4227.0	10						
ADF 16/4 GELB	04.343.6653.8	10						
9813 M SN	98.290.1000.0	1	9813 M	98.290.0000.0	1	9813 M	98.290.0000.0	1
WAK 16/2 BLAU	30.494.3021.6	100	9813 M SN	98.290.1000.0	1	9813 M SN	98.290.1000.0	1
WAK 35/2 BLAU	30.494.4021.6	100						
WAK 35/2	30.494.4121.0	50						
WKIF SH/E/35	Z1.108.8453.0	100	WKIF SH/E/35	Z1.108.8453.0	100	WKIF SH/E/35	Z1.108.8453.0	100
DIN 5264 B 1x5,5	06.502.4200.0	5						
SPNT	05.565.6855.9	10						

Ground blocks for junction boxes with tension spring connection, type **WKF**

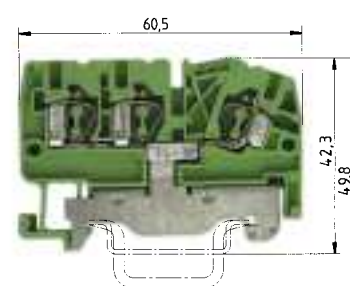
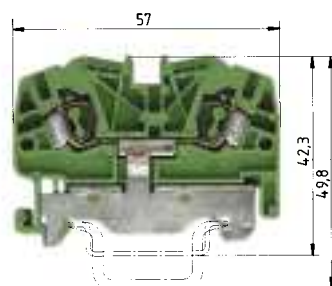
^{*)} In order to maintain the proper isolation distances, the open side of a feed-through terminal block as well as both sides of a jumper are to be covered by partitions.

¹⁾ Please note the mounting instructions.

²⁾ Do not use in Ex environments.

³⁾ For the current carrying capability of the mounting rail see **facts** & DATA

⁴⁾ Ratings for adjacent feed-through blocks of the same series and size.



0344 II 2GD IM2

Ex e I/II

EN 60 947-7-2:2002

UL ratings field/factory wiring

CSA ratings

KEMA 01 ATEX 2087 U¹⁾ EN 60079-0/EN 60079-7

Width Wire strip length

Approvals

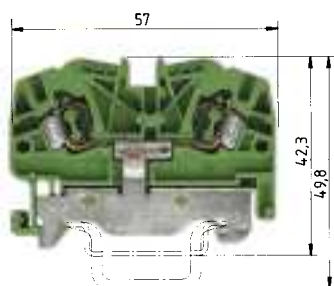
WKF 2,5 SL/35

fine-stranded solid V A
0.13 – 2.5 mm² 0.13 – 4 mm² 800 V/8 kV/3⁴⁾ ³⁾
No. 22-12 AWG 600 V
No. 24-12 AWG 600 V
0.5 – 2.5 mm² 0.5 – 4 mm² *)
5 mm 11 mm

WKF 2,5 D1/2/SL/35

fine-stranded solid V A
0.13 – 2.5 mm² 0.5 – 4 mm² 800 V/8 kV/3⁴⁾ ³⁾
No. 22-12 AWG 600 V 20/30
No. 24-12 AWG 600 V 25
0.5 – 2.5 mm² 0.5 – 4 mm² *)
5 mm 11 mm

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Ground block	yellow/green	WKF 2,5 SL/35	56.703.9053.0	100			
Duo ground block	yellow/green				WKF 2,5/D1/2/SL/35	56.703.9353.0	100
Accessories							
1. Mounting rail 35, DIN rail 7.5 mm high	L = 2 m	35x27x7,5 EN 60715	98.300.0000.0	1	35x27x7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, DIN rail 15 mm high	L = 2 m	35x24x15 EN 60715	98.360.0000.0	1	35x24x15 EN 60715	98.360.0000.0	1
2. End clamp TS 35, with screw ²⁾	8 mm wide	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
End clamp TS 35, without screw	8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	gray						
	blue						
	green	APF 2,5 – 4 GRÜN	07.312.2153.7	10	APF 2,5 D1/2 GRÜN	07.312.2353.7	10
4. Partition	gray						
	blue						
5. Cross connector, insulated	2 pole						
	3 pole						
	4 pole						
	5 pole						
	6 pole						
	7 pole						
	8 pole						
	9 pole						
	10 pole						
6. Wire entry guide	0.13 – 0.2 mm ²	LEL 2,5/1 WEISS	05.561.6553.0	100	LEL 2,5/1 WEISS	05.561.6553.0	100
	0.25 – 0.5 mm ²	LEL 2,5/2 GRAU	05.561.6653.0	100	LEL 2,5/2 GRAU	05.561.6653.0	100
	0.75 – 1.0 mm ²	LEL 2,5/3 SCHWARZ	05.561.6753.0	100	LEL 2,5/3 SCHWARZ	05.561.6753.0	100
7. Cover with warning symbol over 4 blocks					ADF 2,5/4 GELB	04.343.6053.8	10
8. Busbar, E-Cu 10x3 mm, tin-plated	L = 1 m						
9. Connector clamp for busbar	8.5 mm wide						
	12.5 mm wide						
	17 mm wide						
10. Busbar support	8 mm wide						
11. Screwdriver uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0	5	DIN 5264 B 0,6x3,5	06.502.4000.0	5
Marking accessories see page 52-54							



WKF 4 SL/35

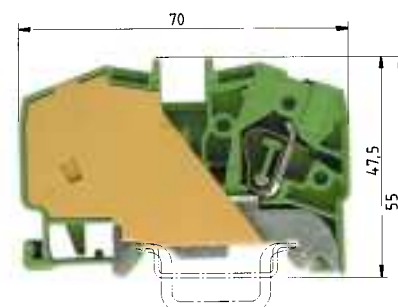
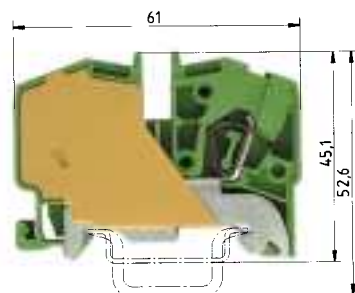
fine-stranded	solid	V	A
0.13 – 4 mm ²	0.13 – 6 mm ²	800 V/8 kV/3 ⁴⁾	3)
No. 22-10 AWG		600 V	
No. 22-10 AWG		600 V	
0.5 – 4 mm ²	0.5 – 6 mm ²	*)	
6 mm			11 mm



Type	Part No.	Std. Pack		
WKF 4 SL/35	56.704.9053.0	100		
35x27x7,5 EN 60715	98.300.0000.0	1		
35x24x15 EN 60715	98.360.0000.0	1		
9708/2 S35	Z5.522.8553.0	100		
WEF 1/35	Z5.523.9353.0	100		
APF 2,5 – 4 GRÜN	07.312.2153.7	10		
LEL 4/1 WEISS	05.561.8553.0	100		
LEL 4/2 GRAU	05.561.8653.0	100		
LEL 4/3 SCHWARZ	05.561.8753.0	100		
DIN 5264 B 0,6x3,5	06.502.4000.0	5		

Ground blocks for junction boxes with tension spring connection, type **WKF/WKIF**

- ^{*)} In order to maintain the proper isolation distances, the open side of a feed-through terminal block as well as both sides of a jumper are to be covered by partitions.
- ¹⁾ Please note the mounting instructions
- ²⁾ Do not use in Ex environments.
- ³⁾ For the current carrying capability of the mounting rail see **facts** & DATA.
- ⁴⁾ Ratings for adjacent feed-through blocks of the same series an size.



0344 II 2GD IM2

Ex e I/II

EN 60 947-7-2:2002

UL ratings

field/factory wiring

CSA ratings

KEMA 01 ATEX 2087 U¹⁾ EN 60079-0/EN 60079-7

Width

Wire strip length

Approval

WKF 6 SL/35

fine-stranded solid V A
0.5 – 6 mm² 0.5 – 6 mm² 800 V/8 kV/3⁴⁾ 41³⁾
No. 20-10 AWG 600 V
No. 20-10 AWG 600 V
0.5 – 6 mm² 0.5 – 6 mm²
8 mm 12 mm

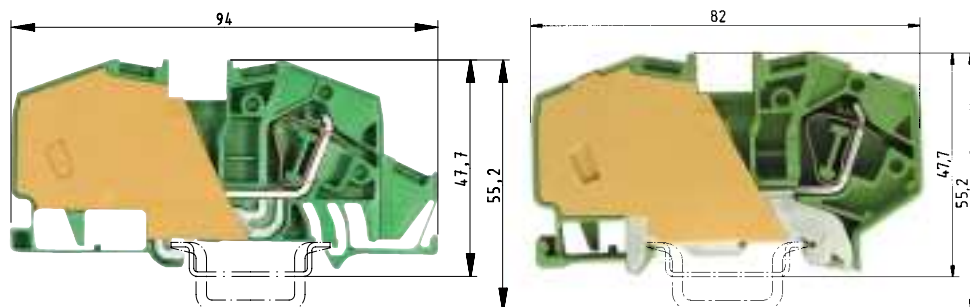
ATEX RINA LR BV AEx Ex

WKF 10 SL/35

fine-stranded solid V A
2.5 – 10 mm² 2.5 – 10 mm² 800 V/8 kV/3⁴⁾ 3³⁾
No. 14-8 AWG 600 V
No. 14-8 AWG 600 V
2.5 – 10 mm² 2.5 – 10 mm²
10 mm 13 mm

ATEX RINA LR BV AEx Ex

	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Ground block yellow/green	WKF 6 SL/35	56.706.9053.0	100	WKF 10 SL/35	56.710.9053.0	50
Accessories						
1. Mounting rail 35, DIN rail 7.5 mm high L = 2 m	35x27x7,5 EN 60715	98.300.0000.0	1	35x27x7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, DIN rail 15 mm high L = 2 m	35x24x15 EN 60715	98.360.0000.0	1	35x24x15 EN 60715	98.360.0000.0	1
2. End clamp TS 35, with screw ²⁾ 8 mm wide	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
End clamp TS 35, without screw 8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate gray						
blue						
green						
4. Partition gray						
blue						
5. Cross connector, insulated 2 pole						
3 pole						
4 pole						
5 pole						
6 pole						
7 pole						
8 pole						
9 pole						
10 pole						
6. Wire entry guide 0.13 – 0.2 mm ²						
0.25 – 0.5 mm ²						
0.75 – 1.0 mm ²						
7. Cover with warning symbol over 4 blocks	ADF 6/4 GELB	04.343.6253.8	10	ADF 10/4 GELB	04.343.6453.8	10
8. Busbar, E-Cu 10x3 mm, tin-plated L = 1 m	9813 M SN	98.290.1000.0	1	9813 M SN	98.290.1000.0	1
9. Connector clamp for busbar 8.5 mm wide	WAK 16/2 BLAU	30.494.3021.6	100	WAK 16/2 BLAU	30.494.3021.6	100
12.5 mm wide	WAK 35/2 BLAU	30.494.4021.6	100	WAK 35/2 BLAU	30.494.4021.6	100
17 mm wide	WAK 35/2	30.494.4121.0	50	WAK 35/2	30.494.4121.0	50
10. Busbar support 8 mm wide	WKIF SH/E/35	Z1.108.8453.0	100	WKIF SH/E/35	Z1.108.8453.0	100
11. Screwdriver uninsulated	DIN 5264 B 0,8x4	06.502.4100.0	5	DIN 5264 B 0,8x4	06.502.4100.0	5
Marking accessories see page 52-54						



centered on the mounting rail

WKIF 16/1 SL/35

fine-stranded stranded V A
4 – 16 mm² 4 – 16 mm² 800 V/8 kV/3 76

12 mm

15 mm

WKF 16 SL/35

fine-stranded stranded V A
4 – 16 mm² 4 – 16 mm² 800 V/8 kV/3⁴⁾ 3)

No. 24-4 AWG

600 V

No. 12-4 AWG

600 V

4 – 16 mm² 4 – 16 mm²

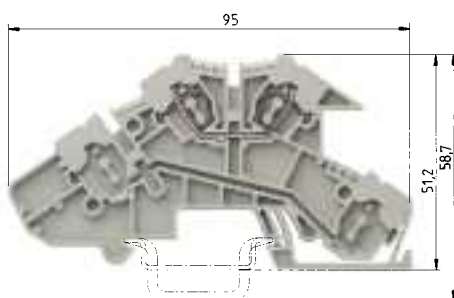
12 mm

15 mm

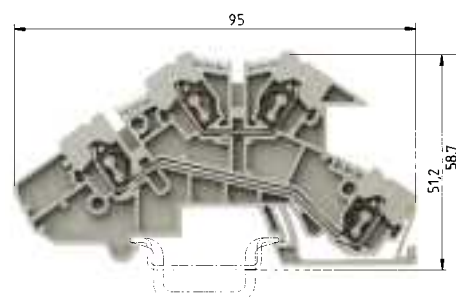
SEV (NV) ATEX RINA LR BV UL AEx Ex

Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
WKIF 16/1 SL/35	56.716.9155.0	50	WKF 16 SL/35	56.716.9053.0	50
35x27x7,5 EN 60715	98.300.0000.0	1	35x27x7,5 EN 60715	98.300.0000.0	1
35x24x15 EN 60715	98.360.0000.0	1	35x24x15 EN 60715	98.360.0000.0	1
9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
IVB WKF 16 – 2	Z7.284.4227.0	10			
ADF 16/4 GELB	04.343.6653.8	10			
9813 M SN	98.290.1000.0	1			
WAK 16/2 BLAU	30.494.3021.6	100			
WAK 35/2 BLAU	30.494.4021.6	100			
WAK 35/2	30.494.4121.0	50			
WKIF SH/E/35	Z1.108.8453.0	100			
DIN 5264 B 1x5,5	06.502.4200.0	5	DIN 5264 B 1x5,5	06.502.4200.0	5

Multi-tier blocks for junction boxes with tension spring connection, type *WKIF*



D – line feed-through, upper tier
Only upper tier equipped.



D – line feed-through
D – line feed-through
N – neutral feed-through

WKIF 2,5 D

fine-stranded solid V A
0.13 – 2.5 mm² 0.13 – 4 mm² 400 V/6 kV/3 24

pending
5 mm 11 mm



WKIF 2,5 D-D WKIF 2,5 N-D

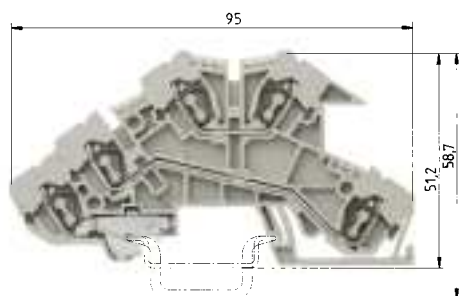
fine-stranded solid V A
0.13 – 2.5 mm² 0.13 – 4 mm² 400 V/250 V/4 kV/3 24

pending
5 mm 11 mm



EN 60947-7-1/DIN VDE 0611 T1
UL ratings field/factory wiring
CSA ratings
Width Wire strip length
Approvals

	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Installation block gray	WKIF 2,5 D	56.703.9653.0	50	WKIF 2,5 D-D	56.703.9753.0	50
Installation block gray				WKIF 2,5 N-D	auf Anfrage	
Accessories						
1. Mounting rail 35, DIN rail 7.5 high L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, DIN rail 15 high L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
2. End clamp TS 35, with screw 8 mm wide	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
End clamp TS 35, without screw 8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate 1.5 mm wide	APIF 2,5	07.311.8353.0	10	APIF 2,5	07.311.8353.0	10
4. Partition gray						
5. Cross connector, insulated 2 pole	IVB WKF 2,5-2	Z7.280.6227.0	10	IVB WKF 2,5-2	Z7.280.6227.0	10
3 pole	IVB WKF 2,5-3	Z7.280.6327.0	10	IVB WKF 2,5-3	Z7.280.6327.0	10
4 pole	IVB WKF 2,5-4	Z7.280.6427.0	10	IVB WKF 2,5-4	Z7.280.6427.0	10
5 pole	IVB WKF 2,5-5	Z7.280.6527.0	10	IVB WKF 2,5-5	Z7.280.6527.0	10
6 pole	IVB WKF 2,5-6	Z7.280.6627.0	10	IVB WKF 2,5-6	Z7.280.6627.0	10
7 pole	IVB WKF 2,5-7	Z7.280.6727.0	20	IVB WKF 2,5-7	Z7.280.6727.0	20
8 pole	IVB WKF 2,5-8	Z7.280.6827.0	20	IVB WKF 2,5-8	Z7.280.6827.0	20
9 pole	IVB WKF 2,5-9	Z7.280.6927.0	20	IVB WKF 2,5-9	Z7.280.6927.0	20
10 pole	IVB WKF 2,5-10	Z7.280.7027.0	20	IVB WKF 2,5-10	Z7.280.7027.0	20
6. Wire entry guide 0.13 – 0.2 mm ²	LEL 2,5/1 WEISS	05.561.6553.0	100	LEL 2,5/1 WEISS	05.561.6553.0	100
0.25 – 0.5 mm ²	LEL 2,5/2 GRAU	05.561.6653.0	100	LEL 2,5/2 GRAU	05.561.6653.0	100
0.75 – 1.0 mm ²	LEL 2,5/3 SCHWARZ	05.561.6753.0	100	LEL 2,5/3 SCHWARZ	05.561.6753.0	100
7. Cover with warning symbol over 4 blocks	ADF 2,5/4 GELB	04.343.6053.8	10	ADF 2,5/4 GELB	04.343.6053.8	10
8. Busbar, E-Cu 10 x 3 mm, tin-plated L = 1 m	9813 M Sn	98.290.1000.0	1	9813 M Sn	98.290.1000.0	1
9. Connector clamp for busbar						
16 mm ² 8.5 mm wide	WAK 16/2 BLAU	30.494.3021.6	100	WAK 16/2 BLAU	30.494.3021.6	100
35 mm ² 12.5 mm wide	WAK 35/2 BLAU	30.494.4021.6	100	WAK 35/2 BLAU	30.494.4021.6	100
35 mm ² 17 mm wide	WAK 35/2	30.494.4121.0	50	WAK 35/2	30.494.4121.0	50
10. Busbar support 2 mm wide	WKIF/SH/35	01.108.7653.0	10	WKIF/SH/35	01.108.7653.0	10
Busbar support, as end clamp 8 mm wide	WKIF SH/E/35	Z1.108.8453.0	100	WKIF SH/E/35	Z1.108.8453.0	100
11. Screwdriver, uninsulated	DIN 5264 B 0,6 x 3,5	06.502.4000.0	5	DIN 5264 B 0,6 x 3,5	06.502.4000.0	5
Marking accessories see page 52-54						



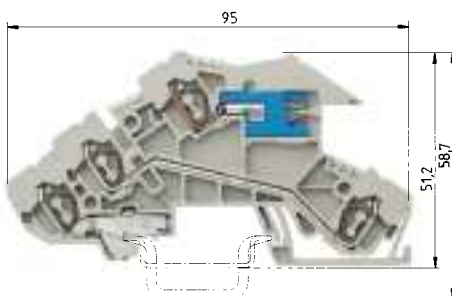
D – line feed-through
N – neutral feed-through
SL – ground

WKIF 2,5 D-D-SL WKIF 2,5 N-D-SL

fine-stranded solid V A
0.13 – 2.5 mm² 0.13 – 4 mm² 400 V/250 V/4 kV/3 24

being prepared

5 mm 11 mm



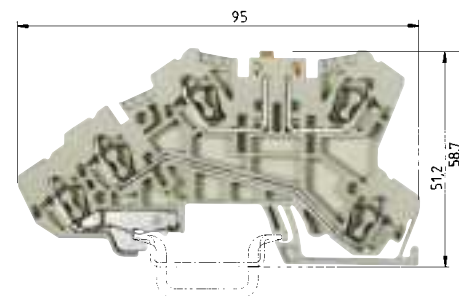
D – line feed-through
NT – neutral feed-through, disconnectable
SL – ground

WKIF 2,5 NT-D-SL

fine-stranded solid V A
0.13 – 2.5 mm² 0.13 – 4 mm² 400 V/250 V/6 kV/3 20

being prepared

5 mm 11 mm



D – line feed-through
NTM – neutral feed-through, knife edge disconnect
SL – ground

WKIF 2,5 NTM-D-SL

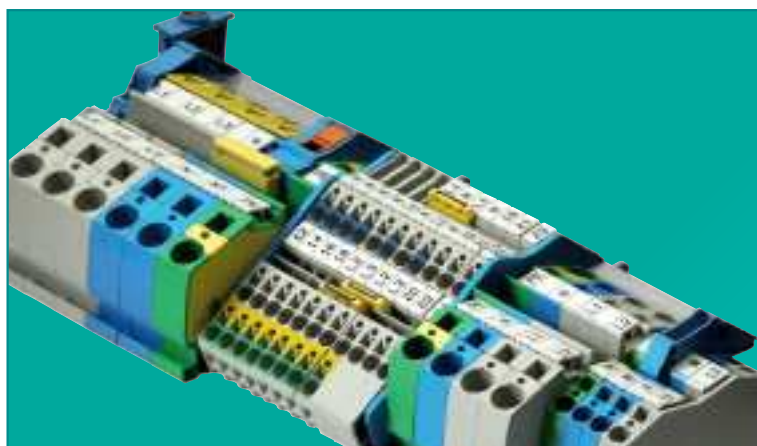
fine-stranded solid V A
0.13 – 2.5 mm² 0.13 – 4 mm² 400 V/250 V/6 kV/3 16

being prepared

5 mm 11 mm

Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
WKIF 2,5 D-D-SL	56.703.9853.0	50	WKIF 2,5 NT-D-SL	56.703.9553.0	50	WKIF 2,5 NTM-D-SL	56.703.8653.0	50
WKIF 2,5 N-D-SL	56.703.9453.0	50						
35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
APIF 2,5	07.311.8353.0	10	APIF 2,5	07.311.8353.0	10	APIF 2,5 TM	07.312.8053.0	10
IVB WKF 2,5-2	Z7.280.6227.0	10	IVB WKF 2,5-2	Z7.280.6227.0	10	IVB WKF 2,5-2	Z7.280.6227.0	10
IVB WKF 2,5-3	Z7.280.6327.0	10	IVB WKF 2,5-3	Z7.280.6327.0	10	IVB WKF 2,5-3	Z7.280.6327.0	10
IVB WKF 2,5-4	Z7.280.6427.0	10	IVB WKF 2,5-4	Z7.280.6427.0	10	IVB WKF 2,5-4	Z7.280.6427.0	10
IVB WKF 2,5-5	Z7.280.6527.0	10	IVB WKF 2,5-5	Z7.280.6527.0	10	IVB WKF 2,5-5	Z7.280.6527.0	10
IVB WKF 2,5-6	Z7.280.6627.0	10	IVB WKF 2,5-6	Z7.280.6627.0	10	IVB WKF 2,5-6	Z7.280.6627.0	10
IVB WKF 2,5-7	Z7.280.6727.0	20	IVB WKF 2,5-7	Z7.280.6727.0	20	IVB WKF 2,5-7	Z7.280.6727.0	20
IVB WKF 2,5-8	Z7.280.6827.0	20	IVB WKF 2,5-8	Z7.280.6827.0	20	IVB WKF 2,5-8	Z7.280.6827.0	20
IVB WKF 2,5-9	Z7.280.6927.0	20	IVB WKF 2,5-9	Z7.280.6927.0	20	IVB WKF 2,5-9	Z7.280.6927.0	20
IVB WKF 2,5-10	Z7.280.7027.0	20	IVB WKF 2,5-10	Z7.280.7027.0	20	IVB WKF 2,5-10	Z7.280.7027.0	20
LEL 2,5/1 WEISS	05.561.6553.0	100	LEL 2,5/1 WEISS	05.561.6553.0	100	LEL 2,5/1 WEISS	05.561.6553.0	100
LEL 2,5/2 GRAU	05.561.6653.0	100	LEL 2,5/2 GRAU	05.561.6653.0	100	LEL 2,5/2 GRAU	05.561.6653.0	100
LEL 2,5/3 SCHWARZ	05.561.6753.0	100	LEL 2,5/3 SCHWARZ	05.561.6753.0	100	LEL 2,5/3 SCHWARZ	05.561.6753.0	100
ADF 2,5/4 GELB	04.343.6053.8	10	ADF 2,5/4 GELB	04.343.6053.8	10	ADF 2,5/4 GELB	04.343.6053.8	10
9813 M Sn	98.290.1000.0	1	9813 M Sn	98.290.1000.0	1	9813 M Sn	98.290.1000.0	1
WAK 16/2 BLAU	30.494.3021.6	100	WAK 16/2 BLAU	30.494.3021.6	100	WAK 16/2 BLAU	30.494.3021.6	100
WAK 35/2 BLAU	30.494.4021.6	100	WAK 35/2 BLAU	30.494.4021.6	100	WAK 35/2 BLAU	30.494.4021.6	100
WAK 35/2	30.494.4121.0	50	WAK 35/2	30.494.4121.0	50	WAK 35/2	30.494.4121.0	50
WKIF/SH/35	01.108.7653.0	10	WKIF/SH/35	01.108.7653.0	10	WKIF/SH/35	01.108.7653.0	10
WKIF SH/E/35	Z1.108.8453.0	100	WKIF SH/E/35	Z1.108.8453.0	100	WKIF SH/E/35	Z1.108.8453.0	100
DIN 5264 B 0,6 x 3,5	06.502.4000.0	5	DIN 5264 B 0,6 x 3,5	06.502.4000.0	5	DIN 5264 B 0,6 x 3,5	06.502.4000.0	5

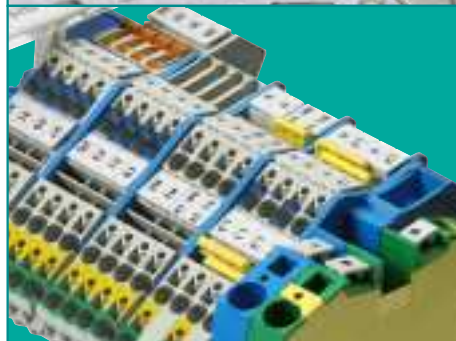
DIN rail terminal blocks for junction boxes with push-in spring connection, type *WKIS*



Operating the installation block



Installation block WKIS 2,5...



Standard DIN rail terminal blocks for junction boxes

**WKF 2,5 – WKF 16
WKF 2,5 – WKI 35**



The new installation blocks of the **fasis** BIT-S series with push-in spring extend the existing range and add value for the customer.

With **fasis** BIT-S the electrical installation can be made even more efficient. Rigid and flexible wires with ferrules can be connected directly without opening the termination point which can save much time.

The **fasis** BIT-S series has been designed for use in distribution systems. It accommodates the standardized dimensions for small and field distribution units with cover according to DIN 43871.

The neutral disconnect function integrated in **fasis** BIT-S enables the specified isolation measurement of all active conductors without having to disconnect the neutral conductor; the system can therefore be used in public and functional buildings.

Efficient connection and user-friendly circuit operation

- Time savings and user-friendly operation with direct connection of rigid wires up to 4 mm² and flexible wires with ferrules up to 2.5 mm² without using any tools.
- Durably safe and dynamic connection due to the spring clamp connection with direct connection technology and isolation of the electrical and mechanical functions.
- Safety and user-friendliness even when disconnecting the neutral conductor from the busbar using a disconnect slide with position indicator.

Circuit wiring with only one terminal block

- Clear wiring and assignment of the circuits due to 5 mm wide, three-tier design.
- Neutral conductor connection, line feed-through and ground connection are combined in one terminal block.
- Safe and user-friendly due to switchable neutral disconnect
 - Disconnect unit for the neutral busbar, version ...NT-D-SL
 - Internal disconnect of the neutral potential, version...NTM-D-SL

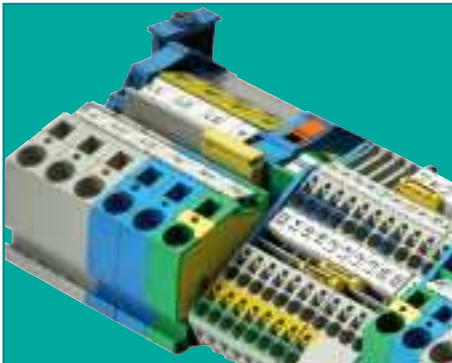
Power supply and distribution

Standard DIN rail terminal blocks for junction boxes are available for supply, distribution and routing of power to the sub-distribution units.

- **fasis** BIT, DIN rail terminal blocks with tension spring up to 16 mm²
- **selos** BIT, DIN rail terminal blocks with screw connection up to 50 mm²

The ability to combine the installation blocks **fasis** BIT-S with standard DIN rail terminal blocks makes your applications flexible.

- Completely equipped with spring clamp technology
 - Circuit wiring using the efficient and compact **fasis** BIT-S installation blocks with direct connection technology
 - Supply and potential distribution in the likewise vibration-proof **fasis** BIT tension spring technology.
- Equipped with a combination of spring clamp and screw technology
 - Circuit wiring using the efficient and compact **fasis** BIT-S installation blocks with direct connection technology.
 - Supply and potential distribution using the universal and proven **selos** BIT screw technology.



Accumulating and isolating the neutral potential

- Combining the neutral conductors of the individual circuits through the neutral busbar up to a current load of 140 A.
- Connection of the busbar's neutral potential to the ground-fault circuit interrupter or supply for the distribution unit with connector clamp WAK in 16 or 35 mm².
- Safe and stable 3D positioning of the neutral busbar through busbar support with end clamping function.

Jumpering the terminal blocks

- Touchproof jumpering with insulated cross connector.
- Flexible potential distribution with double jumpering channel and releasable links.
- High resistance of the cross connectors to the "rated current" of the rated cross section.
- High resistance to mechanical wear.
 - Due to a separation of the mechanical and electrical functions
 - Protection against excessive bending of the contact spring due to its structural design

Marking live potentials

- Marking of live components for greater safety.
- For terminal blocks that remain live when the main switch is disconnected (DIN VDE 0113).
- The snap-on cover can only be removed with a tool.

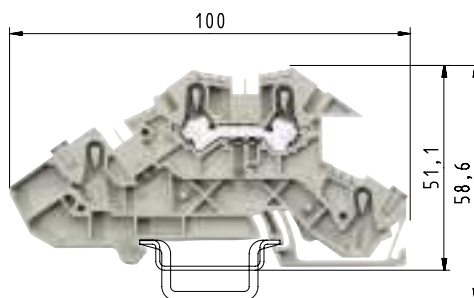
Clearly marking all clamping points

- Marking tags easily readable even with the wires connected.
- Clear assignment of wire to clamping point during wiring.
- Simplified troubleshooting for servicing.
- Individual marking with the **wiemarc** and **wieplot** marking systems.

Selection of high-quality materials

- Special alloys enable low contact resistance and provide a gas-tight contact area:
 - Clamping spring: stainless CrNi steel
 - Busbar: tin-plated copper
- Polyamide has excellent electrical, chemical and mechanical characteristics:
 - Temperature resistance: up to 120 °C
 - Creepage resistance: CTI 600
 - Flammability class: self-extinguishing, UL94-V0

Multi-tier terminal blocks for junction boxes with push-in spring connection, type *WKIS*



D – line feed-through, upper tier
Only upper tier equipped.

WKIS 2,5 D

fine-stranded	solid	V	A
0.13 – 4 mm ²	0.13 – 4 mm ²	400 V/6 kV/3	24
	for 4 mm ²		32

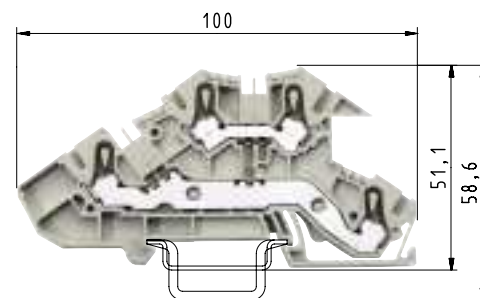
EN 60947-7-1/DIN VDE 0611 T1

Width
Approvals

Wire strip length

5 mm

11 mm

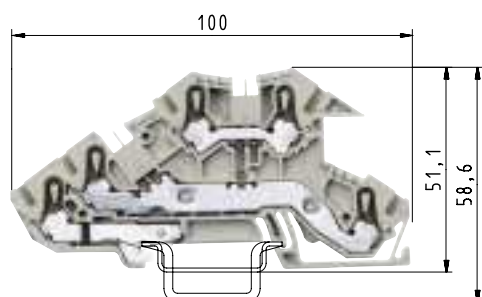


D – line feed-through
D – line feed-through
N – neutral feed-through

WKIS 2,5 D-D WKIS 2,5 N-D

fine-stranded	solid	V	A
0.13 – 4 mm ²	0.13 – 4 mm ²	400 V/6 kV/3	24
	for 4 mm ²		30
	for 4 mm ² up to 3 blocks		32
5 mm			11 mm

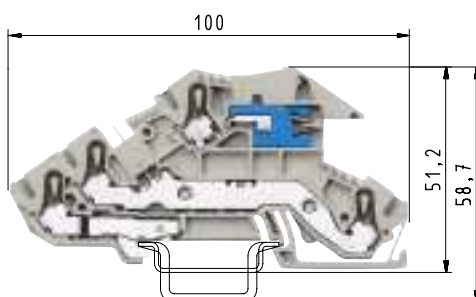
	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Installation block gray	WKIS 2,5 D	56.203.9653.0	50	WKIS 2,5 D-D	56.203.9753.0	50
Installation block gray				WKIS 2,5 N-D	56.203.8953.0	50
Accessories						
1. Mounting rail 35, DIN rail 7.5 high L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, DIN rail 15 high L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
2. End clamp TS 35, with screw 8 mm wide	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
End clamp TS 35, without screw 8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate gray 1.5 mm wide	APIS 2,5	07.313.0253.0	10	APIS 2,5	07.313.0253.0	10
4. Partition gray 1.5 mm wide						
5. Cross connector, insulated 2 pole	IVB WKF 2,5-2	Z7.280.6227.0	10	IVB WKF 2,5-2	Z7.280.6227.0	10
3 pole	IVB WKF 2,5-3	Z7.280.6327.0	10	IVB WKF 2,5-3	Z7.280.6327.0	10
4 pole	IVB WKF 2,5-4	Z7.280.6427.0	10	IVB WKF 2,5-4	Z7.280.6427.0	10
5 pole	IVB WKF 2,5-5	Z7.280.6527.0	10	IVB WKF 2,5-5	Z7.280.6527.0	10
6 pole	IVB WKF 2,5-6	Z7.280.6627.0	10	IVB WKF 2,5-6	Z7.280.6627.0	10
7 pole	IVB WKF 2,5-7	Z7.280.6727.0	20	IVB WKF 2,5-7	Z7.280.6727.0	20
8 pole	IVB WKF 2,5-8	Z7.280.6827.0	20	IVB WKF 2,5-8	Z7.280.6827.0	20
9 pole	IVB WKF 2,5-9	Z7.280.6927.0	20	IVB WKF 2,5-9	Z7.280.6927.0	20
10 pole	IVB WKF 2,5-10	Z7.280.7027.0	20	IVB WKF 2,5-10	Z7.280.7027.0	20
Vertical jumper 1 pole	IVB WKF-V	Z7.261.1127.0	10	IVB WKF-V	Z7.261.1127.0	10
6. Notching tool compound plug		95.300.0500.0	1		95.300.0500.0	1
7. Wire entry guide 0.13 – 0.2 mm ²	LELN 2,5/1 WEISS	05.564.3753.0	100	LELN 2,5/1 WEISS	05.564.3753.0	100
0.25 – 0.5 mm ²	LELN 2,5/2 GRAU	05.564.3853.0	100	LELN 2,5/2 GRAU	05.564.3853.0	100
0.75 – 1.0 mm ²	LELN 2,5/3 SCHWARZ	05.564.3953.0	100	LELN 2,5/3 SCHWARZ	05.564.3953.0	100
8. Cover with warning symbol over 4 blocks	ADF 2,5/4 GELB	04.343.6053.8	10	ADF 2,5/4 GELB	04.343.6053.8	10
9. Busbar, E-Cu 10 x 3 mm, tin-plated L = 1 m	9813 M Sn	98.290.1000.0	1	9813 M Sn	98.290.1000.0	1
10. Connector clamp for busbar						
16 mm ² 8.5 mm wide	WAK 16/2 BLAU	30.494.3021.6	100	WAK 16/2 BLAU	30.494.3021.6	100
35 mm ² 12.5 mm wide	WAK 35/2 BLAU	30.494.4021.6	100	WAK 35/2 BLAU	30.494.4021.6	100
35 mm ² 17 mm wide	WAK 35/2	30.494.4121.0	50	WAK 35/2	30.494.4121.0	50
11. Busbar support 2 mm wide	WKIF/SH/35	01.108.7653.0	10	WKIF/SH/35	01.108.7653.0	10
Busbar support, as end clamp 8 mm wide	WKIF SH/E/35	Z1.108.8453.0	100	WKIF SH/E/35	Z1.108.8453.0	100
12. Screwdriver, uninsulated LONG, angled	DIN 5264 B 0,6 x 3,5 W	05.502.4100.0	10	DIN 5264 B 0,6 x 3,5 W	05.502.4100.0	10
MINI, straight	DIN 5264 B 0,6 x 3,5 M	06.502.5000.0	10	DIN 5264 B 0,6 x 3,5 M	06.502.5000.0	10
MINI, angled	DIN 5264 B 0,6 x 3,5 MW	05.502.4000.0	10	DIN 5264 B 0,6 x 3,5 MW	05.502.4000.0	10



D – line feed-through
N – neutral feed-through
SL – ground

WKIS 2,5 D-D-SL WKIS 2,5 N-D-SL

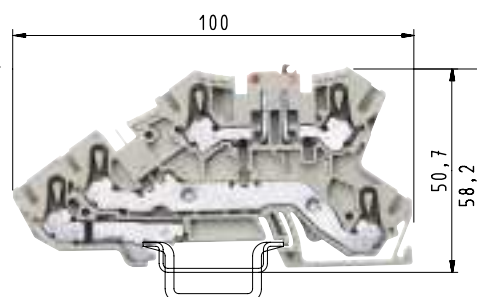
fine-stranded	solid	V	A
0.13 – 4 mm ²	0.13 – 4 mm ²	250 V/400 V/4 kV/3	24
	for 4 mm ²		30
for 4 mm ² up to 3 blocks			32
5 mm		11 mm	



D – line feed-through
NT – neutral feed-through, disconnectable
SL – ground

WKIS 2,5 NT-D-SL

fine-stranded	solid	V	A
0.13 – 4 mm ²	0.13 – 4 mm ²	250 V/400 V/4 kV/3	22
	for 4 mm ²		26
5 mm		11 mm	



D – line feed-through
NTM – neutral feed-through, knife edge disconnect
SL – ground

WKIS 2,5 NTM-D-SL

fine-stranded	solid	V	A
0.13 – 4 mm ²	0.13 – 4 mm ²	250 V/400 V/4 kV/3	20
	for 4 mm ²		24
5 mm		11 mm	

Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
WKIS 2,5 D-D-SL	56.203.9853.0	50	WKIS 2,5 NT-D-SL	56.203.9553.0	50	WKIS 2,5 NTM-D-SL	56.203.8653.0	50
WKIS 2,5 N-D-SL	56.203.9453.0	50						
35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
9708/2 S35	25.522.8553.0	100	9708/2 S35	25.522.8553.0	100	9708/2 S35	25.522.8553.0	100
WEF 1/35	25.523.9353.0	100	WEF 1/35	25.523.9353.0	100	WEF 1/35	25.523.9353.0	100
APIS 2,5	07.313.0253.0	10	APIS 2,5	07.313.0253.0	10	APIS 2,5 TM	07.313.0353.0	10
IVB WKF 2,5-2	Z7.280.6227.0	10	IVB WKF 2,5-2	Z7.280.6227.0	10	IVB WKF 2,5-2	Z7.280.6227.0	10
IVB WKF 2,5-3	Z7.280.6327.0	10	IVB WKF 2,5-3	Z7.280.6327.0	10	IVB WKF 2,5-3	Z7.280.6327.0	10
IVB WKF 2,5-4	Z7.280.6427.0	10	IVB WKF 2,5-4	Z7.280.6427.0	10	IVB WKF 2,5-4	Z7.280.6427.0	10
IVB WKF 2,5-5	Z7.280.6527.0	10	IVB WKF 2,5-5	Z7.280.6527.0	10	IVB WKF 2,5-5	Z7.280.6527.0	10
IVB WKF 2,5-6	Z7.280.6627.0	10	IVB WKF 2,5-6	Z7.280.6627.0	10	IVB WKF 2,5-6	Z7.280.6627.0	10
IVB WKF 2,5-7	Z7.280.6727.0	20	IVB WKF 2,5-7	Z7.280.6727.0	20	IVB WKF 2,5-7	Z7.280.6727.0	20
IVB WKF 2,5-8	Z7.280.6827.0	20	IVB WKF 2,5-8	Z7.280.6827.0	20	IVB WKF 2,5-8	Z7.280.6827.0	20
IVB WKF 2,5-9	Z7.280.6927.0	20	IVB WKF 2,5-9	Z7.280.6927.0	20	IVB WKF 2,5-9	Z7.280.6927.0	20
IVB WKF 2,5-10	Z7.280.7027.0	20	IVB WKF 2,5-10	Z7.280.7027.0	20	IVB WKF 2,5-10	Z7.280.7027.0	20
IVB WKF-V	Z7.261.1127.0	10	IVB WKF-V	Z7.261.1127.0	10	IVB WKF-V	Z7.261.1127.0	10
	95.300.0500.0	1		95.300.0500.0	1		95.300.0500.0	1
LELN 2,5/1 WEISS	05.564.3753.0	100	LELN 2,5/1 WEISS	05.564.3753.0	100	LELN 2,5/1 WEISS	05.564.3753.0	100
LELN 2,5/2 GRAU	05.564.3853.0	100	LELN 2,5/2 GRAU	05.564.3853.0	100	LELN 2,5/2 GRAU	05.564.3853.0	100
LELN 2,5/3 SCHWARZ	05.564.3953.0	100	LELN 2,5/3 SCHWARZ	05.564.3953.0	100	LELN 2,5/3 SCHWARZ	05.564.3953.0	100
ADF 2,5/4 GELB	04.343.6053.8	10	ADF 2,5/4 GELB	04.343.6053.8	10	ADF 2,5/4 GELB	04.343.6053.8	10
9813 M Sn	98.290.1000.0	1	9813 M Sn	98.290.1000.0	1	9813 M Sn	98.290.1000.0	1
WAK 16/2 BLAU	30.494.3021.6	100	WAK 16/2 BLAU	30.494.3021.6	100	WAK 16/2 BLAU	30.494.3021.6	100
WAK 35/2 BLAU	30.494.4021.6	100	WAK 35/2 BLAU	30.494.4021.6	100	WAK 35/2 BLAU	30.494.4021.6	100
WAK 35/2	30.494.4121.0	50	WAK 35/2	30.494.4121.0	50	WAK 35/2	30.494.4121.0	50
WKIF/SH/35	01.108.7653.0	10	WKIF/SH/35	01.108.7653.0	10	WKIF/SH/35	01.108.7653.0	10
WKIF SH/E/35	Z1.108.8453.0	100	WKIF SH/E/35	Z1.108.8453.0	100	WKIF SH/E/35	Z1.108.8453.0	100
DIN 5264 B 0,6 x 3,5 W	05.502.4100.0	10	DIN 5264 B 0,6 x 3,5 W	05.502.4100.0	10	DIN 5264 B 0,6 x 3,5 W	05.502.4100.0	10
DIN 5264 B 0,6 x 3,5 M	06.502.5000.0	10	DIN 5264 B 0,6 x 3,5 M	06.502.5000.0	10	DIN 5264 B 0,6 x 3,5 M	06.502.5000.0	10
DIN 5264 B 0,6 x 3,5 MW	05.502.4000.0	10	DIN 5264 B 0,6 x 3,5 MW	05.502.4000.0	10	DIN 5264 B 0,6 x 3,5 MW	05.502.4000.0	10

Accessories

DIN rail terminal blocks for junction boxes



**Cross connector
for feed-through blocks**



**Notching tool
for cross connectors**



Test plug

for WKF, WKIF, WKIS 2,5 and WKF 4
 solid fine-stranded V A
 0.13 - 1.5 mm² 0.13 - 1.5 mm² 400 V 13,5
 5 mm or 6 mm* 8 mm

Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
2.5 mm², 5 mm wide			2.5 mm², 5 mm wide			2.5 mm², 5 mm wide		
IVB WKF 2,5-2	Z7.280.6227.0	10	AKW /A	95.300.0500.0	1	Test plug PSWKC/F	Z1.299.9753.0	10
IVB WKF 2,5-3	Z7.280.6327.0	10				Blind piece	01.299.9753.0	10
IVB WKF 2,5-4	Z7.280.6427.0	10				End plate ZP/AP PS	07.312.6053.0	10
IVB WKF 2,5-5	Z7.280.6527.0	10						
IVB WKF 2,5-6	Z7.280.6627.0	10						
IVB WKF 2,5-7	Z7.280.6727.0	20						
IVB WKF 2,5-8	Z7.280.6827.0	20						
IVB WKF 2,5-9	Z7.280.6927.0	20						
IVB WKF 2,5-10	Z7.280.7027.0	20						
IVB WKF-V	Z7.261.1127.0	10						
4 mm², 6 mm wide			4 mm², 6 mm wide			4 mm², 6 mm wide		
IVB WKF 4-2	Z7.261.1227.0	10	AKW /A	95.300.0500.0	1	Test plug PSWKC/F	Z1.299.9753.0	10
IVB WKF 4-3	Z7.261.1327.0	10				Blind piece	01.299.9753.0	10
IVB WKF 4-4	Z7.261.1427.0	10				End plate ZP/AP PS	07.312.6053.0	10
IVB WKF 4-5	Z7.261.1527.0	10						
IVB WKF 4-6	Z7.261.1627.0	10						
IVB WKF 4-7	Z7.261.1727.0	10						
IVB WKF 4-8	Z7.261.1827.0	10						
IVB WKF 4-9	Z7.261.1927.0	10						
IVB WKF 4-10	Z7.261.2027.0	10						
6 mm², 8 mm wide			Notice!					
IVB WKF 6-2	Z7.282.4227.0	10	When using cross connectors notched out in terminal blocks of type WKF 2,5 and WKF 4 the rated voltages are reduced. Staggered plug-in of the jumpers is only possible for the terminal blocks of type WKIS.					
10 mm², 10 mm wide								
IVB WKF 10-2	Z7.283.8227.0	10						
16 mm², 12 mm wide								
IVB WKF 16-2	Z7.284.4227.0	10						



Cover with warning symbol over 4 blocks



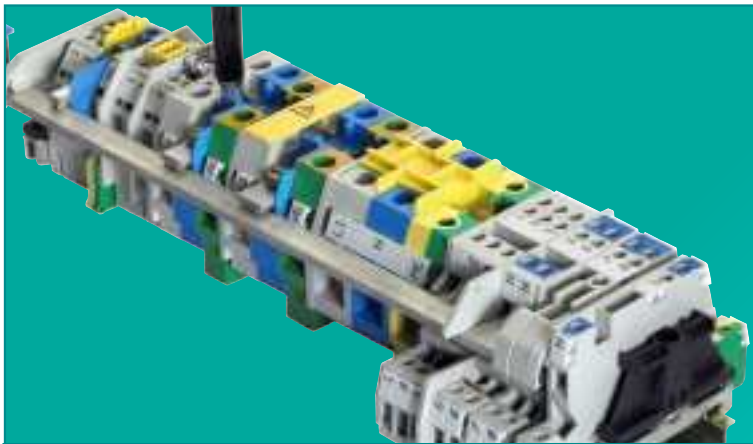
Wire entry guides
for wires with cross sections smaller than 1 mm²



Screwdriver as operating tool

Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
2.5 mm², 5 mm wide			2.5 mm², 5 mm wide			2,5 mm², 5 mm wide		
ADFN 2,5/4 GELB	04.343.8353.8	10	LELN 2,5/1 WEISS	05.564.3753.0	100	Uninsulated, long and straight		
			for 0.13 - 0.2 mm ² wires			DIN 5264 B 0,6x3,5	06.502.4000.0	10
			LELN 2,5/1 GRAU	05.564.3853.0	100	Uninsulated, short and straight		
			for 0.25 - 0.5 mm ² wires			DIN 5264 B 0,6x3,5 M	06.502.5000.0	10
			LELN 2,5/1 SCHWARZ	05.564.3953.0	100	Uninsulated, long and angled		
			for 0.75 - 1.0 mm ² wires			DIN 5264 B 0,6x3,5 W	05.502.4100.0	10
						Uninsulated, short and angled		
						DIN 5264 B 0,6x3,5 MW	05.502.4000.0	10
4 mm², 6 mm wide			4 mm², 6 mm wide			4 mm², 6 mm wide		
ADF 4/4 GELB	04.343.6153.8	10	LEL 4/1 WEISS	05.561.8553.0	100	Uninsulated, long and straight		
			for 0,13 - 0,2 mm ² wires			DIN 5264 B 0,6x3,5	06.502.4000.0	10
			LEL 4/2 GRAU	05.561.8653.0	100	Uninsulated, short and straight		
			for 0,25 - 0,5 mm ² wires			DIN 5264 B 0,6x3,5 M	06.502.5000.0	10
			LEL 4/3 SCHWARZ	05.561.8753.0	100	Uninsulated, long and angled		
			for 0,75 - 1,0 mm ² wires			DIN 5264 B 0,6x3,5 W	05.502.4100.0	10
						Uninsulated, short and angled		
						DIN 5264 B 0,6x3,5 MW	05.502.4000.0	10
6 mm², 8 mm wide			6 mm², 8 mm wide			6 mm², 8 mm wide		
ADF 6/4 GELB	04.343.6253.8	10				DIN 5264 B 0,8x4	06.502.4100.0	5
10 mm², 10 mm wide			10 mm², 10 mm wide			10 mm², 10 mm wide		
ADF 10/4 GELB	04.343.6453.8	10				DIN 5264 B 0,8x4	06.502.4100.0	5
16 mm², 12 mm wide			16 mm², 12 mm wide			16 mm², 12 mm wide		
ADF 16/4 GELB	04.343.6653.8	10				DIN 5264 B 1x5,5	06.502.4200.0	5

DIN rail terminal blocks for junction boxes with screw connection, type *WK/WKI*



**Installation block
WKI 4...**

**Standard
DIN rail terminal
blocks for junction
boxes**

**Operation
of the terminal blocks**

**Mixed
and single-sort
application**

The screw connection technology of series **selos** BIT is the best known and most widely used connection technology worldwide. The lateral connection technology is user-friendly both for supplying larger cross sections and for wiring the circuits. Thus, two conductors can be wired in one termination point, for example.

The **selos** BIT series has been designed for use in distribution systems. It accommodates the standardized dimensions for small and field distribution units with cover according to DIN 43871.

The neutral disconnect function integrated in **selos** BIT enables the specified isolation measurement of all active conductors without having to disconnect the neutral conductor; the system can therefore be used in public and functional buildings.

Circuit wiring with only one terminal block

- Clear wiring and assignment of the circuits due to 6 mm² wide, three-tier design.
- Neutral conductor connection, line feed-through and ground connection are combined in one terminal block.
- Safe and user-friendly due to switchable neutral disconnect
 - Disconnect slide for the neutral busbar, version ...NT-D-SL
 - Internal disconnect of the neutral potential, version ...NTN-D-SL

Power supply and distribution

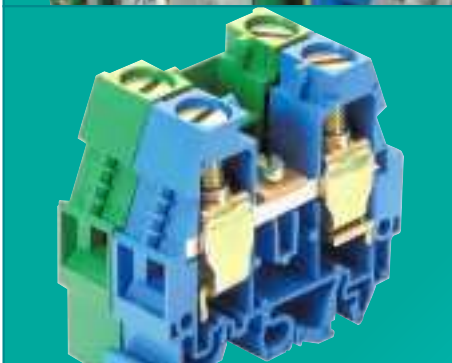
- Incoming supply, power distribution in sub-systems and routing to other sub-systems.
- Tightening the clamping screw causes contact of the ground conductor to the mounting rail.
- PEN function is achieved using PEN blocks with the same contour.
- Safe disconnect of the neutral potential from the neutral busbar due to switchable neutral disconnect slide.

Convenient switching and operation

- Operating safety thanks to worldwide proven screw connection. The funneled wire entries allow easy connection from the side even in crowded spaces.
- Gas-tight and dynamic connection thanks to screw connection technology in rising cage clamp system with one-piece threaded collar.
- User-friendly operation, even when the neutral conductor is disconnected from the neutral busbar, via disconnect unit.

Combinations within the system

- A combination of the installation blocks with standard DIN rail terminal blocks and different connection styles.
- Example:
 - Consistent supply and circuit wiring with the proven **selos** BIT screw connection technology
 - Supply with **selos** BIT screw connection technology and circuit wiring with the compact installation blocks, for example with the **fasis** BIT-S direct connection technology.

**Busbar****Cross connectors****Cover****Partition plates****Marking system****Material****Accumulating and isolating the neutral potential**

- Combining the neutral conductors of the individual circuits through the neutral busbar up to a current load of 140 A.
- Connection of the busbar's neutral potential to the ground-fault circuit interrupter or supply for the distribution unit with connector clamp WAK in 16 or 35 mm².
- Safe and stable 3D positioning of the neutral busbar through busbar support with end clamping function.

Jumpering the terminal blocks

- Choice between insulated and uninsulated cross connectors.
- Touch-proof insulated cross connectors according to IP 20 without additional actions.
- Uninsulated cross connectors require covers to make them touch-proof.
- Jumper bars as additional jumpering option are inserted into the clamping body together with the conductor.

Marking live potentials

- Marking of live components for greater safety.
- For terminal blocks that remain live when the main switch is disconnected (DIN VDE 0113).
- The snap-on cover can only be removed with a tool.

Potential isolation

- Rated voltage can be applied to adjacent uninsulated cross connectors.
- Can be mounted later on without loss due to separation
- The snap-on partition plate can only be removed with a tool.

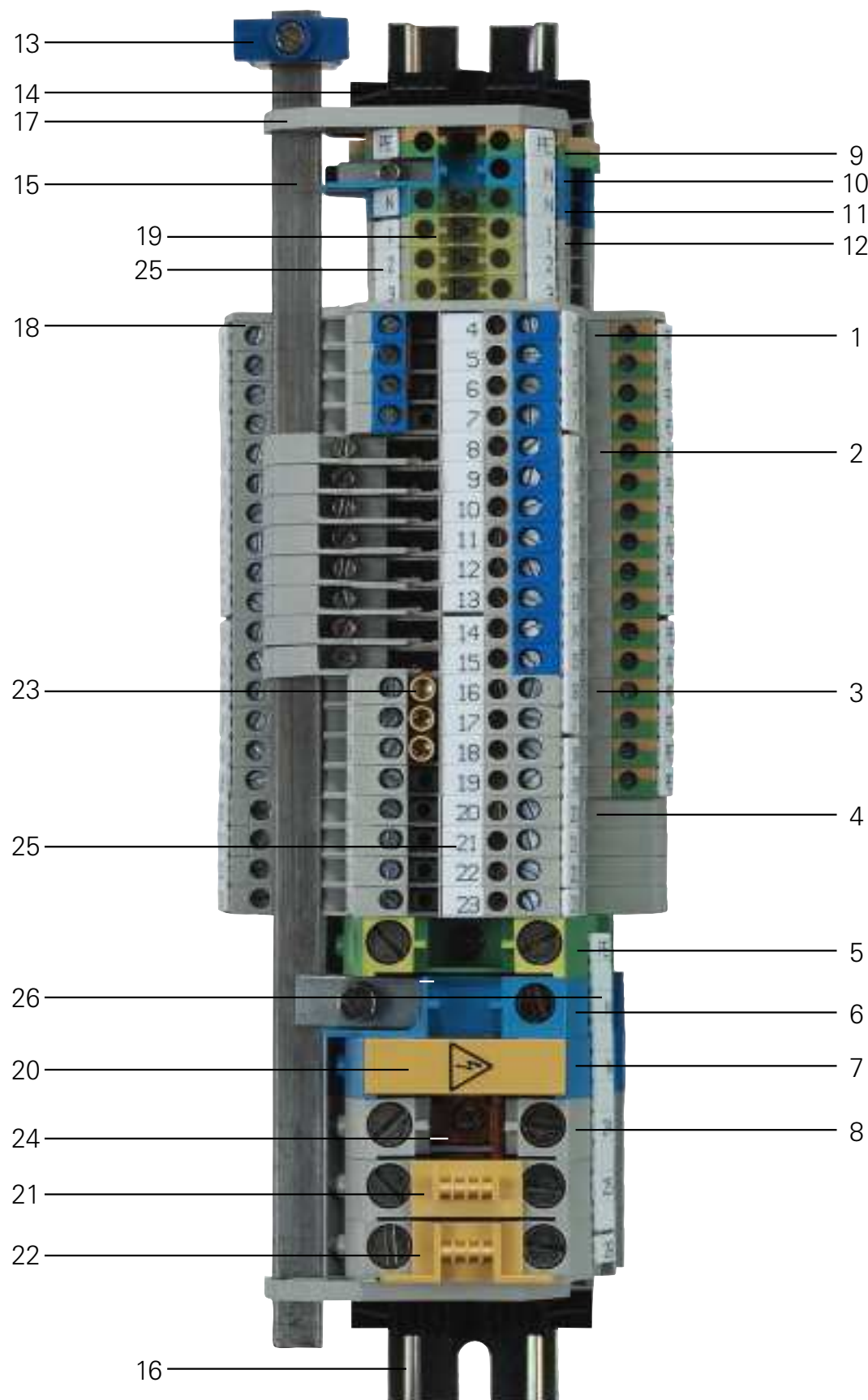
Clearly mark all clamping points

- Marking tags easily readable even with the wires connected.
- Clear assignment of wire to termination point on wiring.
- Simplified troubleshooting for maintenance.
- Individual marking with the **wiemarc** and **wieplot** marking system.

Selection of high-quality materials

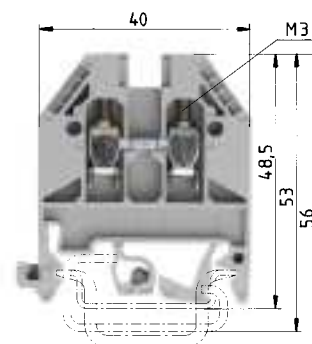
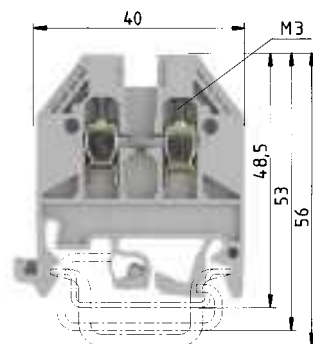
- Special alloys enable low contact resistance and provide a gas-tight contact area:
 - Clamping spring: steel, zinc-plated and dichromated
 - Busbar: tin-plated copper
- Polyamide has excellent electrical, chemical and mechanical characteristics:
 - Temperature resistance: up to 120 °C
 - Creepage resistance: CTI 600
 - Flammability class: self-extinguishing, UL94-V0

Multi-tier terminal blocks for junction boxes with screw connection, type *WKI*



Item	Description	Type	Part No.
1	Installation block	WKI 4 N-D-SL	56.404.9455.0
2	Installation block	WKI 4 NT-D-SL	56.404.9555.0
3	Installation block	WKI 4 D-D-SL	56.404.9855.0
4	Installation block	WKI 4 D-D	56.404.9755.0
5	Ground block	WKI 16 SL/35	56.516.9255.0
6	Neutral disconnect block	WKI 16 ETK/U	57.516.8255.0
7	Feed-through block	WKI 16 /U BLAU	57.516.1155.6
8	Feed-through block	WKI 16 /U	57.516.1155.0
9	Ground block	WK 4 SL/U	57.504.9055.0
10	Neutral disconnect block	WKN 4 ETK/U	57.504.8155.0
11	Feed-through block	WK 4 /U BLAU	57.504.0055.6
12	Feed-through block	WK 4 /U	57.504.0055.0
13	Connector clamp	WAK 16/2 BLAU	30.494.3021.6
14	End clamp	9708/2 S35	Z5.522.8553.0
15	Busbar 10x3	9813 M Sn	98.290.1000.0
16	Mounting rail	35x27x7,5	98.300.0000.0
17	Busbar support	WKI SH/U	01.108.3255.0
18	End plate	API 4/2	07.311.6555.0
19	Cover with warning symbol	AD 4/4 GELB	04.343.4856.8
20	Cover with warning symbol	ADI 16/1 GELB	04.325.8553.8
21	Cover with marking option	AD VB 16 GELB	04.326.2453.8
22	Partition plate with marking option	TS 16 GELB	07.311.2453.8
23	Cross connector, insulated (12 pole)	IVB WKI 4-12	Z7.271.5227.0
24	Cross connector, uninsulated	VB WKI 16-3	Z7.289.0327.0
25	Marking strip	9705 A/6/10 B	04.842.6053.0
26	Marking strip	9705 A/6/10/5 B	04.842.6553.0

Feed-through blocks for junction boxes with screw connection, type *WKI*



WK 2,5/U

fine-stranded solid V A
 0.5 – 2.5 mm² 0.5 – 4 mm² 800 V/8 kV/3 24
 No. 22-12 AWG 600 V 20/30
 No. 24-12 AWG 600 V 25
 5 mm 9 mm



WK 4/U

fine-stranded solid V A
 0.5 – 4 mm² 0.5 – 6 mm² 800 V/8 kV/3 32
 No. 22-10 AWG 600 V 30/35
 No. 20-10 AWG 600 V 40
 6 mm 9 mm



EN 60 947-7-1/DIN VDE 0611 T1

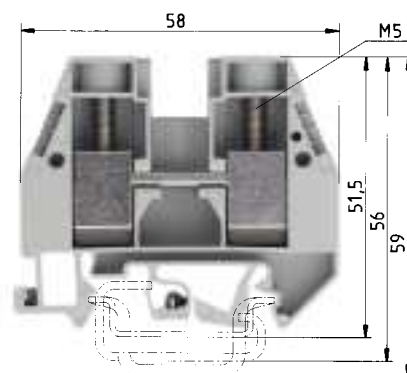
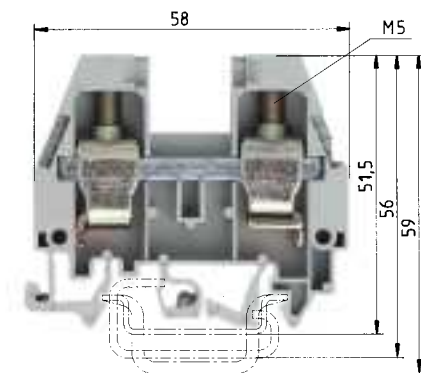
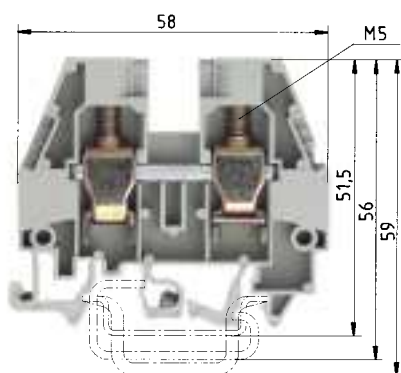
UL ratings field/factory wiring

CSA ratings

Width Wire strip length

Approvals

	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Feed-through block gray	WK 2,5/U/V0	57.503.0055.0	100	WK 4/U/V0	57.504.0055.0	100
Feed-through block blue	WK 2,5/U BL/V0	57.503.0055.6	100	WK 4/U BL/V0	57.504.0055.6	100
Accessories						
1. Mounting rail 35, DIN rail 7.5 high L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, DIN rail 15 high L = 2 m	35 x 27 x 15 EN 60715	98.360.0000.0	1	35 x 27 x 15 EN 60715	98.360.0000.0	1
2. End clamp, TS 35, with screw 8 mm wide	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
End clamp, TS 35, without screw 8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate 1.5 mm thick gray	AP 2,5-4	07.311.0155.0	10	AP 2,5-4	07.311.0155.0	10
1.5 mm thick blue	AP 2,5-4 BLAU	07.311.0155.6	10	AP 2,5-4 BLAU	07.311.0155.6	10
1.5 mm thick green						
End plate 2 mm thick gray						
2 mm thick blue						
2 mm thick green						
4. Partition gray	TW 2,5-4	07.311.1155.0	10	TW 2,5-4	07.311.1155.0	10
5. Cross connector with screws, 2 pole	IVB WK 2,5 - 2	Z7.280.2227.0	10	IVB WK 4-2	Z7.281.1227.0	10
E-Cu, insulated 3 pole	IVB WK 2,5 - 3	Z7.280.2327.0	10	IVB WK 4-3	Z7.281.1327.0	10
4 pole	IVB WK 2,5 - 4	Z7.280.2427.0	10	IVB WK 4-4	Z7.281.1427.0	10
5 pole	IVB WK 2,5 - 5	Z7.280.2527.0	10	IVB WK 4-5	Z7.281.1527.0	10
6 pole	IVB WK 2,5 - 6	Z7.280.2627.0	10	IVB WK 4-6	Z7.281.1627.0	10
6. Partition plate with marking option yellow	TS 2,5 GELB	07.311.2053.8	10	TS 4 GELB	07.311.2153.8	10
7. Cover with marking option yellow	AD VB 2,5 GELB	04.326.2053.8	10	AD VB 4 GELB	04.326.2153.8	10
8. Cover with warning symbol over 4 blocks yellow	AD VB 5/4 GELB	04.343.4756.8	10	AD VB 6/4 GELB	04.343.4856.8	10
Cover with warning symbol for 1 block yellow						
9. Busbar						
E-Cu 10 x 3 mm, tin-plated, I _N = 140 L = 1 m						
E-Cu 10 x 3 mm, blank, I _N = 140 A L = 1 m						
10. Connector clamp for busbar						
16 mm ² 8.5 mm wide						
35 mm ² 17 mm wide						
11. Busbar support 4 mm wide						
Busbar support 8 mm wide						
Marking accessories see page 52-55						

**WKI 10/U**

fine-stranded	solid/stranded	V	A
1–10 mm ²	1.5–16 mm ²	400 V/6 kV/3	57
No. 16-6 AWG		600 V	65/65
No. 16-6 AWG		600 V	70
10 mm			18 mm

**WKI 16/U**

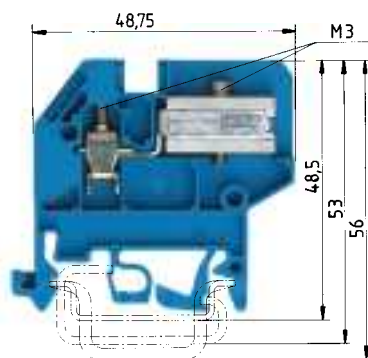
fine-stranded	solid/stranded	V	A
1–16 mm ²	1.5–25 mm ²	400 V/6 kV/3	76
No. 12-4 AWG		600 V	65/90
No. 14-4 AWG		600 V	95
12 mm			16 mm

**WKI 35/U**

fine-stranded	stranded	V	A
6 – 35 mm ²	6 – 50 mm ²	400 V/6 kV/3	125
No. 10-2 AWG		600 V	95/95
No. 10-2 AWG		600 V	110
16 mm			13 mm

[illegible]

Neutral disconnect blocks for junction boxes with screw connection, type *WKI*



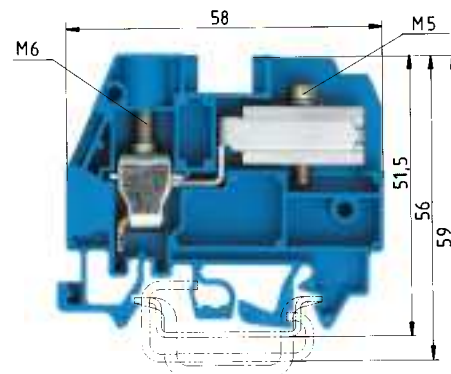
Current carrying capability:

fine-stranded: 4 mm² 25 A
solid: 6 mm² 30 A

WKN 4 ETK/U

fine-stranded solid V A
0.5 – 4 mm² 0.5 – 6 mm² 400 V/6 kV/3**)

No. 20-10 AWG 600 V 25
6 mm 9 mm



Current carrying capability:

fine-stranded: 10 mm² 45 A
stranded: 16 mm² 50 A

WKI 10 ETK/U

fine-stranded solid/stranded V A
1 – 10 mm² 1 – 16 mm² 400 V/6 kV/3**)

No. 16-6 AWG 600 V 45
10 mm 13 mm



***) for use in grounded networks

EN 60 947-7-1/DIN VDE 0611 T1

U ratings

CSA ratings

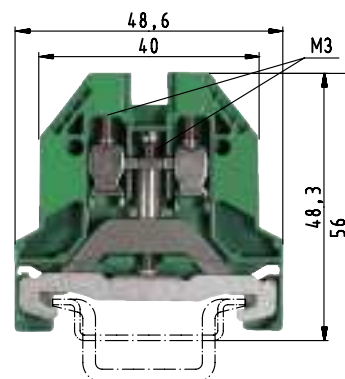
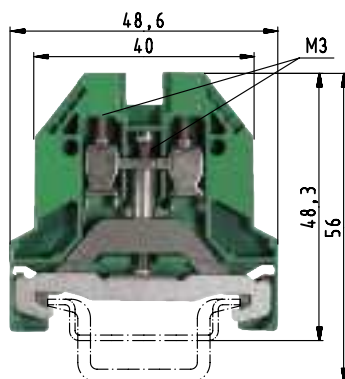
Width

Approvals

Wire strip length

	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Neutral disconnect block blue	WKN 4 ETK/U	57.504.8155.0	100	WKI 10 ETK/U	57.510.8255.0	50
Connector clamp for Cu busbar blue						
unplated						
Accessories						
1. Mounting rail 35, DIN rail 7.5 high L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, DIN rail 15 high L = 2 m	35 x 27 x 15 EN 60715	98.360.0000.0	1	35 x 27 x 15 EN 60715	98.360.0000.0	1
2. End clamp, TS 35, with screw 8 mm wide	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
End clamp, TS 35, without screw 8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate 1.5 mm thick gray						
1.5 mm thick blue	APN 4 ETK	07.311.1155.0	10	API 10-16 ETK/1	07.312.1955.0	10
1.5 mm thick green						
End plate 2 mm thick gray						
2 mm thick blue						
2 mm thick green						
4. Partition gray						
5. Cross connector with screws, 2 pole						
E-Cu, insulated 3 pole						
4 pole						
5 pole						
6 pole						
6. Partition plate with marking option yellow						
7. Cover with marking option yellow						
8. Cover with warning symbol over 4 blocks yellow						
Cover with warning symbol for 1 block yellow						
9. Busbar						
E-Cu 10 x 3 mm, blank, I _N = 140 A L = 1 m	9813 M	98.290.0000.0	1	9813 M	98.290.0000.0	1
E-Cu 10 x 3 mm, tin-plated, I _N = 140 A L = 1 m	9813 M SN	98.290.1000.0	1	9813 M SN	98.290.1000.0	1
10. Connector clamp for busbar						
16 mm ² 8.5 mm wide	WAK 16/2 BLAU	30.494.3021.6	100	WAK 16/2 BLAU	30.494.3021.6	100
35 mm ² 17 mm wide	WAK 35/2	30.494.4121.0	50	WAK 35/2	30.494.4121.0	50
11. Busbar support 4 mm wide	WKI SH/U	01.108.3255.0	10	WKI SH/U	01.108.3255.0	10
Busbar support 8 mm wide	WKIF SH/E/35	Z1.108.8453.0	100	WKIF SH/E/35	Z1.108.8453.0	100
Marking accessories see page 52-55						

Ground blocks for junction boxes with screw connection, type *WKI SL*



*) Ratings to adjacent feed-through blocks of the same series and size

WK 2,5 SL/35

fine-stranded solid V A
 0.5 – 2.5 mm² 0.5 – 4 mm² 500 V/6 kV/3*)
 No. 22-12 AWG
 No. 24-12 AWG
 5 mm 9 mm


WK 4 SL/35

fine-stranded solid V A
 0.5 – 4 mm² 0.5 – 6 mm² 800 V/8 kV/3*)
 No. 22-10 AWG
 No. 22-10 AWG
 6 mm 9 mm

EN 60 947-7-2/DIN VDE 0611 T3

UL ratings

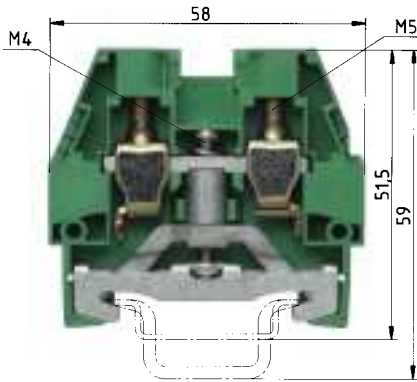
CSA ratings

Width

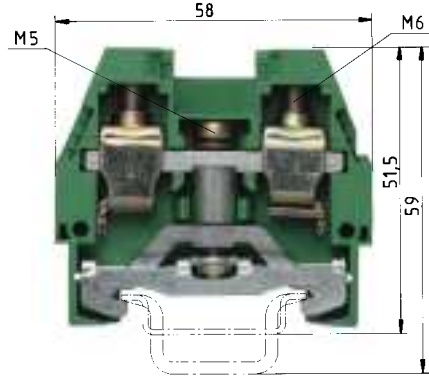
Wire strip length

Approvals

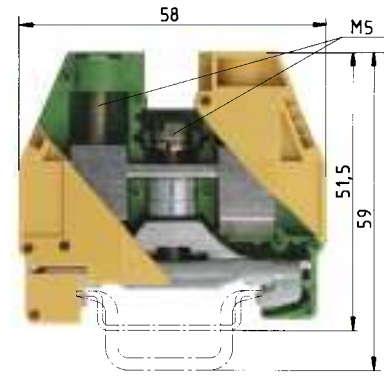
		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Ground block for TS 35	green/yellow	WK 2,5 SL/35	56.503.9055.0	100	WK 4 SL/35	56.504.9055.0	100
Accessories							
1. Mounting rail 35, DIN rail 7.5 high	L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, DIN rail 15 high	L = 2 m	35 x 27 x 15 EN 60715	98.360.0000.0	1	35 x 27 x 15 EN 60715	98.360.0000.0	1
2. End clamp, TS 35, with screw	8 mm wide				9708/2 S35	Z5.522.8553.0	100
End clamp, TS 35, without screw	8 mm wide				WEF 1/35	Z5.523.9353.0	100
3. End plate	1.5 mm thick						
	1.5 mm thick						
	1.5 mm thick	AP 2,5-4 SL	07.311.7155.0	10	AP 2,5-4 SL	07.311.7155.0	10
End plate	2 mm thick						
	2 mm thick						
	2 mm thick						
4. Partition	gray						
5. Cross connector with screws,	2 pole						
E-Cu, insulated	3 pole						
	4 pole						
	5 pole						
	6 pole						
6. Partition plate with marking option	yellow						
7. Cover with marking option	yellow	AD VB 2,5 GELB	04.326.2053.8	10	AD VB4 GELB	04.326.2153.8	10
8. Cover with warning symbol over 4 blocks	yellow	AD VB 5/4 GELB	04.343.4756.8	10	AD VB 6/4 GELB	04.343.4856.8	10
Cover with warning symbol for 1 block	yellow						
9. Busbar							
E-Cu 10 x 3 mm, tin-plated, I _N = 140 A	L = 1 m						
E-Cu 10 x 3 mm, blank, I _N = 140 A	L = 1 m						
10. Connector clamp for busbar							
	16 mm ² 8.5 mm wide						
	35 mm ² 17 mm wide						
11. Busbar support	4 mm wide						
Busbar support	8 mm wide						
Marking accessories see page 52-55							


WKI 10 SL/35

fine-stranded solid/stranded V A
 1 – 10 mm² 1.5 – 16 mm² 800 V/8 kV/3*)
 No. 16-6 AWG 600 V*)
 No. 16-6 AWG
 10 mm 18 mm


WKI 16 SL/35

fine-stranded solid/stranded V A
 1 – 16 mm² 1.5 – 25 mm² 400 V/6 kV/3*)
 No. 12-4 AWG 600 V*)
 12 mm 16 mm



enclosed design

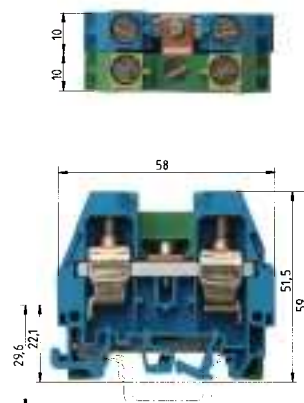
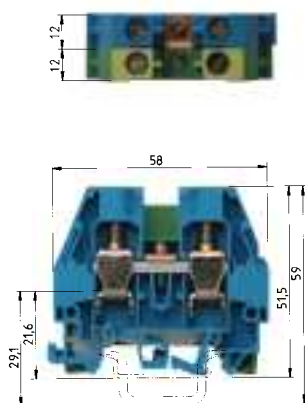
WKI 35 SL/35

fine-stranded stranded V A
 6 – 35 mm² 6 – 50 mm² 400 V/6 kV/3*)
 No. 10-2 AWG
 16 mm 13 mm



Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
WKI 10 SL/35	56.510.9255.0	50	WKI 16 SL/35	56.516.9255.0	50	WKI 35 SL/35	56.535.9255.0	20
35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 27 x 15 EN 60715	98.360.0000.0	1	35 x 27 x 15 EN 60715	98.360.0000.0	1	35 x 27 x 15 EN 60715	98.360.0000.0	1
9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100						
API 10-16 SL	07.311.9555.0	10	API 10-16 SL	07.311.9555.0	10			
AD VB 10 GELB	04.326.2353.8	10	AD VB 16 GELB	04.326.2453.8	10	AD VB 10 GELB	04.326.2353.8	10
AD 10/1 GELB	04.325.8553.8	10	AD 16/1 GELB	04.325.8653.8	10	AD 35/1 GELB	04.325.8753.8	10

PEN assembly block for junction boxes with screw connection, type *WKI*...



EN 60 947-7-1, EN 60 947-7-2

U ratings

CSA ratings

Width

Approvals

Wire strip length

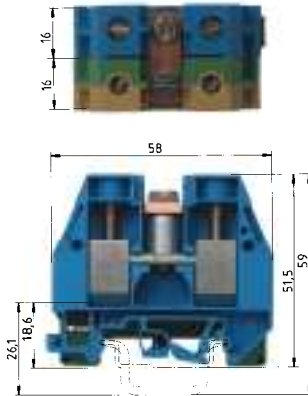
WKI 10 PEN/35

	fine-stranded	solid/stranded	V	A
	1 – 10 mm ²	1.5 – 16 mm ²	400 V/6 kV/3	57
No. 16-6 AWG			600 V	65/65
No. 16-6 AWG			600 V	70
20 mm				18 mm

WKI 16 PEN/35

	fine-stranded	solid/stranded	V	A
	1 – 16 mm ²	1.5 – 25 mm ²	400 V/6 kV/3	76
No. 12-4 AWG			600 V	65/65
No. 14-4 AWG			600 V	95
24 mm				16 mm

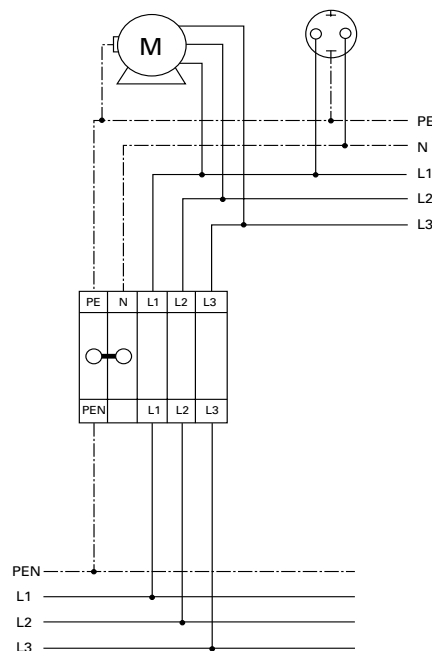
PEN assembly block			Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
green/yellow – blue			WKI 10 PEN/35/V0	56.510.9455.0	20	WKI 16 PEN/35/V0	56.516.9455.0	20
Accessories								
1. Mounting rail 35, DIN rail 7.5 high	L = 2 m		35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, DIN rail 15 high	L = 2 m		35 x 27 x 15 EN 60715	98.360.0000.0	1	35 x 27 x 15 EN 60715	98.360.0000.0	1
2. End clamp, TS 35, with screw	8 mm wide		9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
End clamp, TS 35, without screw	8 mm wide		WEF 1/35	Z5.523.9353.0	100			
3. End plate	1.5 mm thick	gray						
	1.5 mm thick	blue	API 10-16 BLAU	07.311.9455.6	10	API 10-16 BLAU	07.311.9455.6	10
	1.5 mm thick	green						
End plate	2 mm thick	gray						
	2 mm thick	blue						
	2 mm thick	green						
4. Partition		gray						
5. Cross connector with screws,	2 pole							
E-Cu, insulated	3 pole							
	4 pole							
	5 pole							
	6 pole							
6. Partition plate with marking option	yellow		TS 10 GELB	07.311.2353.8	10	TS 16 GELB	07.311.2453.8	10
7. Cover with marking option	yellow		AD VB 10 GELB	04.326.2353.8	10	AD VB 16 GELB	04.326.2453.8	10
8. Cover with warning symbol over 4 blocks	yellow							
Cover with warning symbol for 1 block	yellow		ADI 10/1 GELB	04.325.8553.8	10	AD 16/1 GELB	04.325.8653.8	10
9. Busbar								
E-Cu 10 x 3 mm, tin-plated, I _N = 140 A	L = 1 m							
E-Cu 10 x 3 mm, blank, I _N = 140 A	L = 1 m							
10. Connector clamp for busbar								
	16 mm ²	8.5 mm wide						
	35 mm ²	17 mm wide						
11. Busbar support	4 mm wide							
Busbar support	8 mm wide							
Marking accessories see page 52-55								



WKI 35 PEN/35

fine-stranded	stranded	V	A
6 – 35 mm ²	6 – 50 mm ²	400 V/6 kV/3	125
No. 10-2 AWG		600 V	95/95
No. 10-2 AWG		600 V	110
32 mm			13 mm

Type	Part No.	Std. Pack
WKI 35 PEN/35/V0	56.535.9455.0	10
35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 27 x 15 EN 60715	98.360.0000.0	1
9708/2 S35	Z5.522.8553.0	100
API 35 BLAU	07.311.8855.6	10
TS 35 GELB	07.311.8653.8	10
AD 35/1 GELB	04.325.8753.8	10



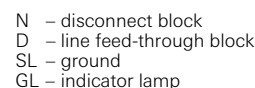
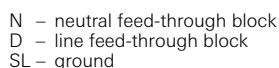
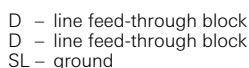
PEN assembly block for junction box IEC 947-7-2 EN 60947-7-2

Electrical power is often supplied to the plant in a 4 conductor three phase system (L1, L2, L3, and Ground). However, the electrical equipment in the plant may require a 5 conductor three phase system (L1, L2, L3, N, and Ground). Therefore, it is important to have a connection system to accommodate both possibilities.

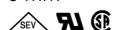
The Wieland **WKI...PEN/35** system accomplishes this task. The PEN assembly terminal block consists of a ground terminal which is grounded to the DIN rail and a neutral terminal (color coded blue) which is electrically isolated from the DIN rail. The two terminals are commoned via a cross connector (jumper bar) thereby, tying the neutral terminal to ground.

When using the PEN assembly terminal block system, the DIN mounting rail only acts as a grounding bus. Therefore, copper mounting rail is not required and standard zinc plated steel DIN can be used for grounding purposes.

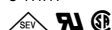
These assemblies have the same symmetry as the corresponding feed-through terminals of the WKI series and fit the height required for junction boxes per DIN 43871 when using DIN rail size 35 x 27 x 7.5.



fine-stranded	solid	V	A
0.5 – 4 mm ²	0.5 – 6 mm ²	400 V/6 kV/3	26
No. 22-10 AWG		300 V	24
No. 22-10 AWG		300 V	25
6 mm			7 mm



fine-stranded	solid	V	A
0.5 – 4 mm ²	0.5 – 6 mm ²	400 V/6 kV/3	26*
No. 22-10 AWG		300 V	24
No. 22-10 AWG		300 V	25
6 mm			7 mm



fine-stranded	solid	V	A
0.5 – 4 mm ²	0.5 – 6 mm ²	400 V/6 kV/3	26*
No. 22-10 AWG		300 V	24
No. 22-10 AWG		300 V	25
6 mm			7 mm

45

Multi-tier terminal blocks for junction boxes with screw connection, type *WKI 4...*

Nominal current according to VDE 0820 T2/EN 60 127-2 when using 1.6 W

– 6.3 A for single blocks
– 4 A for blocks mounted directly adjacent to each other
Voltage and current are determined by the LED and the fuse in the end application.

*) For the current carrying capability of the mounting rail see **facts** & DATA

Busbar application:
Position these terminals at the beginning or end of the assembly when incorporating the busbar system.

EN 60 947-7-1, EN 60 947-7-2

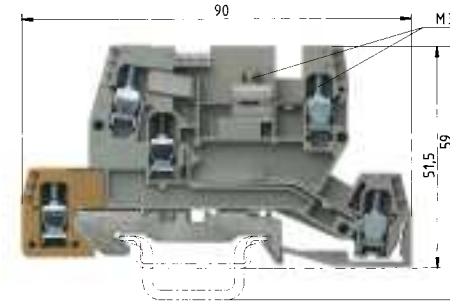
U ratings

CSA ratings

Width

Approvals

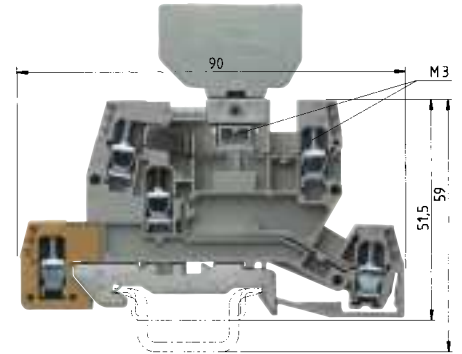
Wire strip length



NTN – disconnect block
D – line feed-through block
SL – ground

WKI 4 NTN-D-SL

	fine-stranded	solid	V	A
	0.5 – 4 mm ²	0.5 – 6 mm ²	400 V/6 kV/3	26*)
No. 22-10 AWG			300 V	24
No. 22-10 AWG			300 V	25
6 mm				7 mm



TKG – fuse plug
D – line feed-through block
SL – ground block

WKI 4 TKG-D-SL

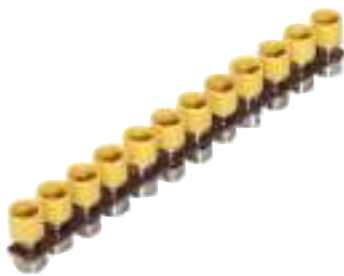
	fine-stranded	solid	V	A
	0.5 – 4 mm ²	0.5 – 6 mm ²	400 V/6 kV/3	26*)
No. 22-10 AWG			300 V	12
No. 22-10 AWG			300 V	25
6 mm				7 mm



		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Installation block	gray	WKI 4 NTN-D-SL	56.404.9155.0	50	WKI 4 TKG-D-SL	56.404.8855.0	50
Fuse holder for 5 x 20 fuse	gray				Si ST	Z1.299.4055.0	10
Fuse holder with indicator (24 V)	gray				Si ST LED	Z1.299.4155.0	10
Fuse holder with indicator (220 V)	gray				Si ST GL	Z1.299.4255.0	10
(G fuse-links DIN 41571, 250 V/6.3 A, 5 x 20 mm)							
Accessories							
1. Mounting rail 35, DIN rail 7.5 high	L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, DIN rail 15 high	L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
2. End clamp for TS 35, with screw	8 mm wide	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
Endclamp, without screw	8 mm thick	WEF 1/35	Z5.523.5753.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	2 mm thick	API 4/3	07.311.6855.0	10	API 4/3	07.311.6855.0	10
4. Partition							
5. Corss connector with screws, E-Cu							
	uninsulated2 pole	9703/6-2	Z7.211.0227.0	50	9703/6-2	Z7.211.0227.0	50
	up to 6 pole	9703/6-6	Z7.211.0627.0	50	9703/6-6	Z7.211.0627.0	50
	insulated 12 pole	IVB WKI 4-12	Z7.271.5227.0	10	IVB WKI 4-12	Z7.271.5227.0	10
Field-divisible strip – max. number of poles		9703/6 M-70	Z7.211.0027.0	10	9703/6 M-70	Z7.211.0027.0	10
6. Busbar, E-Cu 10 x 3 mm, I _N = 140 A							
	Busbar tin-plated, I _N = 140 A						
7. Busbar support							
	Busbar support						
8. Connector clamp for busbar							
	16 mm ²						
	35 mm ²	DIN 5264 B 0,6 x 3,5	06.502.4000.0	5	DIN 5264 B 0,6 x 3,5	06.502.4000.0	5
9. Screwdriver, uninsulated							
Marking accessories see page 52-55							

Accessories

DIN rail terminal blocks for junction boxes

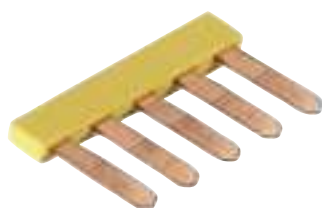


Cross connectors for installation blocks

Cross connectors for feed-through blocks

Insulated cross connectors for feed-through blocks

Type	Part No.	Std. Pack	Type	Part No.	Std. pack	Type	Part No.	Std. pack
for terminal blocks type			for terminal blocks type			for terminal blocks type		
WKI 4 D-D			WK 4/U			WK 4/U		
WKI 4 DU			2 pole VB WK 4-2	Z7.281.0227.0	10	2 pole IVB WK 4-2	Z7.281.1227.0	10
WKI 4 N-D-SL			3 pole VB WK 4-3	Z7.281.0327.0	10	3 pole IVB WK 4-3	Z7.281.1327.0	10
WKI 4 NT-D-SL... (and variants)			4 pole VB WK 4-4	Z7.281.0427.0	10	4 pole IVB WK 4-4	Z7.281.1427.0	10
WKI 4 NTN-D-SL			5 pole VB WK 4-5	Z7.281.0527.0	10	5 pole IVB WK 4-5	Z7.281.1527.0	10
WKI 4 TKG-D-SL			6 pole VB WK 4-6	Z7.281.0627.0	10	6 pole IVB WK 4-6	Z7.281.1627.0	10
WKI 4 D-D-SL			70 pole VB WK 4 M-70	Z7.281.0027.0	10	7 pole IVB WK 4-7	Z7.281.1727.0	10
Cross connectors, uninsulated			WKI 10/U			8 pole IVB WK 4-8	Z7.281.1827.0	10
2 pole 9703/6-2	Z7.211.0227.0	50	2 pole VB WKI 10-2	Z7.288.0227.0	10	9 pole IVB WK 4-9	Z7.281.1927.0	10
3 pole 9703/6-3	Z7.211.0327.0	50	3 pole VB WKI 10-3	Z7.288.0327.0	10	10 pole IVB WK 4-10	Z7.281.2027.0	10
4 pole 9703/6-4	Z7.211.0427.0	50	4 pole VB WKI 10-4	Z7.288.0427.0	10	11 pole IVB WK 4-11	Z7.281.2127.0	10
5 pole 9703/6-5	Z7.211.0527.0	50	5 pole VB WKI 10-5	Z7.288.0527.0	10	12 pole IVB WK 4-12	Z7.281.2227.0	10
6 pole 9703/6-6	Z7.211.0627.0	50	6 pole VB WKI 10-6	Z7.288.0627.0	10	WKI 10/U		
70 pole 9703/6 M-70	Z7.211.0027.0	10	40 pole VB WKI 10 M-40	Z7.288.0027.0	10	2 pole IVB WKN 10-2	Z7.283.2227.0	10
Cross connectors, insulated			WKI 16/U			3 pole IVB WKN 10-3	Z7.283.2327.0	10
12 pole IVB WKI 4-12	Z7.271.5227.0	10	2 pole VB WKI 16-2	Z7.289.0227.0	10	4 pole IVB WKN 10-4	Z7.283.2427.0	10
			3 pole VB WKI 16-3	Z7.289.0327.0	10	5 pole IVB WKN 10-5	Z7.283.2527.0	10
			4 pole VB WKI 16-4	Z7.289.0427.0	10	6 pole IVB WKN 10-6	Z7.283.2627.0	10
			5 pole VB WKI 16-5	Z7.289.0527.0	10	WKI 16/U		
			6 pole VB WKI 16-6	Z7.289.0627.0	10	2 pole IVB WKI 16-2	Z7.284.9227.0	10
			20 pole VB WKI 16 M-20	Z7.289.0027.0	10	3 pole IVB WKI 16-3	Z7.284.9327.0	10
						4 pole IVB WKI 16-4	Z7.284.9427.0	10
						5 pole IVB WKI 16-5	Z7.284.9527.0	10
						6 pole IVB WKI 16-6	Z7.284.9627.0	10
						WKI 35/U		
						2 pole IVB WKI 35-2	Z7.285.4227.0	5
						3 pole IVB WKI 35-3	Z7.285.4327.0	5
						4 pole IVB WKI 35-4	Z7.285.4427.0	5
						5 pole IVB WKI 35-5	Z7.285.4527.0	5
						6 pole IVB WKI 35-6	Z7.285.4627.0	5



Jumper combs, insulated for installation blocks

Type	Part No.	Std. pack
for terminal blocks type		
WKI 4 D-D		
WKI 4 DU		
WKI 4 N-D-SL		
WKI 4 NT-D-SL... (and variations)		
WKI 4 NTN-D-SL		
WKI 4 TGK-D-SL		
WKI 4 D-D-SL		
0.5 mm thick, 6 mm spacing	yellow	
2 pole IVB 0,5 WK 4..-2	Z7.255.0227.0	10
3 pole IVB 0,5 WK 4..-3	Z7.255.0327.0	10
4 pole IVB 0,5 WK 4..-4	Z7.255.0427.0	10
5 pole IVB 0,5 WK 4..-5	Z7.255.0527.0	10
6 pole IVB 0,5 WK 4..-6	Z7.255.0627.0	10
7 pole IVB 0,5 WK 4..-7	Z7.255.0727.0	10
8 pole IVB 0,5 WK 4..-8	Z7.255.0827.0	10
9 pole IVB 0,5 WK 4..-9	Z7.255.0927.0	10
10 pole IVB 0,5 WK 4..-10	Z7.255.1027.0	10
11 pole IVB 0,5 WK 4..-11	Z7.255.1127.0	10
12 pole IVB 0,5 WK 4..-12	Z7.255.1227.0	10
1 mm thick, 6 mm spacing	yellow	
2 pole IVB 1 WK 4..-2	Z7.255.4227.0	10
3 pole IVB 1 WK 4..-3	Z7.255.4327.0	10
4 pole IVB 1 WK 4..-4	Z7.255.4427.0	10
5 pole IVB 1 WK 4..-5	Z7.255.4527.0	10
6 pole IVB 1 WK 4..-6	Z7.255.4627.0	10
7 pole IVB 1 WK 4..-7	Z7.255.4727.0	10
8 pole IVB 1 WK 4..-8	Z7.255.4827.0	10
9 pole IVB 1 WK 4..-9	Z7.255.4927.0	10
10 pole IVB 1 WK 4..-10	Z7.255.5027.0	10
11 pole IVB 1 WK 4..-11	Z7.255.5127.0	10
12 pole IVB 1 WK 4..-12	Z7.255.5227.0	10

Cover with warning symbol over 4 blocks Cover with warning symbol for 1 block

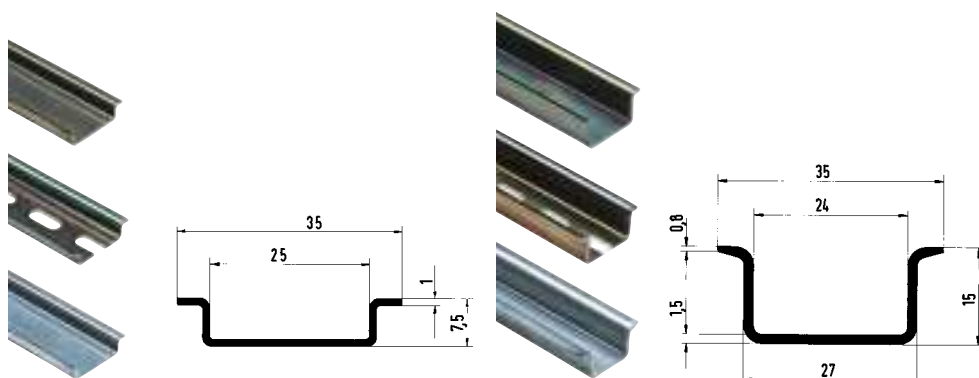
Type	Part No.	Std. Pack
for terminal blocks type		
Cover with warning symbol over 4 blocks		
WK 4		
AD VB 6/4 GELB	04.343.4856.8	10
Cover with warning symbol for 1 block		
WKI 10		
ADI 10/1 GELB	04.325.8553.8	10
WKI 16		
ADI 16/1 GELB	04.325.8653.8	10
WKI 35		
ADI 35/1 GELB	04.325.8753.0	10

Partition plate with marking option Cover with marking option

Type	Part No.	Std. Pack
Partition plate with marking option		
yellow		
for terminal blocks type		
WK 4/U		
TS 4 GELB	07.311.2153.8	10
WKI 10		
TS 10 GELB	07.311.2353.8	10
WKI 16		
TS 16 GELB	07.311.2453.8	10
WKI 35		
TS 35 GELB	07.311.8653.8	10
Cover with marking options		
for cross connector	yellow	
for terminal blocks type		
WK 4		
AD VB 4 GELB	04.326.2153.8	10
WKI 10		
AD VB 10 GELB	04.326.2353.8	10
WKI 16		
AD VB 16 GELB	04.326.2453.8	10

Accessories

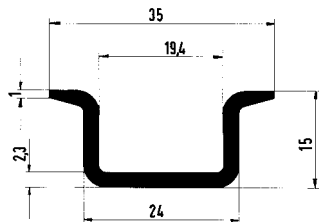
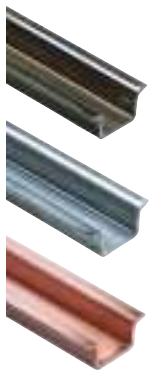
DIN rail terminal blocks for junction boxes



Mounting rail 35 x 7.5
according to DIN EN 60715

Mounting rail 35 x 15
according to DIN EN 60715

	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Mounting rail						
1. Steel, galv. zinc-plated and dichromated, unslotted L = 2 m	35 x 27 x 7,5 EN 50022	98.300.0000.0	1	35 x 27 x 15 EN 50022	98.370.0000.0	1
Steel, galv. zinc-plated and dichromated, slotted L = 2 m	35 x 27 x 7,5 EN 50022 gelocht	98.300.1000.0	1	35 x 27 x 15 EN 50022	98.370.1000.0	1
2. Steel, unplated unslotted L = 2 m	35 x 27 x 7,5 EN 50022 blank	98.300.0010.0	1			
Steel, unplated slotted L = 2 m						
3. Steel, hot-galvanized unslotted L = 2 m						
Steel, hot-galvanized slotted L = 2 m						
4. E copper unslotted L = 2 m						
E copper slotted L = 2 m						
End clamp						
5. End clamp, TS 35, with screw 8 mm wide						
6. End clamp, TS 35, with screw 8/17.5 mm wide						
with marking facility						
for block assemblies						
7. End clamp, TS 35, without screw 8 mm wide						
8. End clamp, TS 35, without screw 8/17.5 mm wide						
with marking facility						
for block assemblies						
9. Busbar support, without screw 8 mm wide						
Busbar support, tag included 8 mm						
10. Clamping screw for busbar support						
11. Marking tag with carrier						
12. Marking card in perforated sheets						
(1 sheet = 100 single tags)						



Mounting rail 35 x 15
according to DIN EN 60715

[illegible]

End clamp for TS 35
screw mount

[illegible]

End clamp for TS 35
screwless mount

[illegible]

* Spacing between WKIF SH and WKIF SH max. 200 mm

Configuration system and marking accessories for DIN rail terminal blocks



Configuration software **wieplan**

Type	Part No.	Std. Pack
wieplan CD	95.502.1000.0	1
Contents:		
CD with cover		
Description:		
wieplan is a software used to configure, document and order DIN rail terminal block assemblies. The intuitive user interface makes working with wieplan as easy as child's play.		
wieplan enables data exchange through CAE systems:		
– EPLAN 5		
– EPLAN Electric P8		
System requirements:		
Pentium II PC or compatible, min. 200 MHz		
64 Mbyte RAM		
CD-ROM drive		
VGA graphics adapter and monitor		
wieplan supports:		
Windows 98°		
Windows 2000°		
Windows NT°		
Windows ME°		
Windows XP°		

Marking computer **marcom 2**

Type	Part No.	Std. Pack
marcom 2	95.502.0000.0	1
Contents:		
Marking computer in case		
European power supply unit		
Power Pack		
Data cassette with job memory		
Marking tag carrier		
Plotter pen, 0.25 mm		
Cleaning set		
Description:		
wieland marcom 2 is a freely programmable marking computer for DIN rail terminal blocks, pluggable connectors, switching devices and cables. The computer provides of a large number of fonts, with numerical and alphanumerical characters and symbols.		
marcom 2 is portable and can be used at any location; it can be operated either using the mains or batteries.		
Technical data:		
Operator panel:	190 mm x 45 mm	
Resolution:	0.01 mm	
Power supply unit:	50/60 Hz, 100 - 230 V	
Output voltage:	9.5 V (150 mV/1.4 VA)	
	14 V (450 mA/6.3 VA)	
Replaceable battery:	16.8 V (14 NiCd cells)	
Dimensions:	380 mm x 190 mm x 63 mm	
Weight:	6.2 kg	

Marking software **wiemarc**

Type	Part No.	Std. Pack
wiemarc CD	95.502.0501.0	1
Contents:		
CD with cover		
Description		
wiemarc is a Windows® based plotter software for customized marking using the wieplot 500 plotter system.		
Both the Wieland standard marking system and marking tags and labels of other suppliers can be marked easily. The wiemarc software version 4.0 provides the option of connecting to the		
wieplot 500 E-UNIT engraving system.		
System requirements:		
Pentium II PC or compatible, min. 200 MHz		
64 Mbyte RAM		
CD-ROM drive		
VGA graphics adapter and monitor		
wieplan supports:		
Windows 98°		
Windows 2000°		
Windows NT°		
Windows ME°		
Windows XP°		



Plotter system **wieplot** 500

Accessories for **wieplot** 500

Engraving unit for **wieplot** 500

Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Complete package			Accessories kit	95.502.0610.0	1	wieplot 500 E-UNIT	95.502.0700.0	1
wieplot 500	95.502.0604.0	1						
Contents:			Contents:			Contents:		
Plotter wieplot 500			Plotter pen 0.25 mm with ink cartridge			Engraving spindle		
Data cable and manual			Permanent plotter pen 0.3 mm			Engraving head (with fuse and counter bearing)		
4 receptacles for WSB*			Cleaning set			Control unit wieplot VEC 500		
Accessories kit						Vacuum cleaner wieplot VC 500		
Software wiemarc			Plotter pens for wieplot 500 systems:			Connection cables		
			Plotter pen 0.18 mm	95.502.0118.0				
			Plotter pen 0.25 mm	95.502.0125.0				
			Plotter pen 0.35 mm	95.502.0135.0				
			Plotter pen 0.50 mm	95.502.0150.0				
Description			Plotter pen 0.70 mm	95.502.0170.0		Description:		
With wiemarc you can create customized marking data on your PC. These can then be output on the wieplot 500 plotter system to various marking plates.			Plotter pen 1.00 mm	95.502.0100.0		The wieplot 500 E-UNIT engraving unit has been designed for use with the wieplot 500 plotter. The system is set up for engraving multi-layer plastic tags.		
			Perm. plotter pen 0.30 mm	95.502.0230.0		The Plotboard A4 in a 297 x 202 mm format is the receptacle for marking paper sheets and labels and also enables engraving of plastic boards.		
* WSB (= Wieland standard marking system)			Perm. plotter pen 0.70mm	95.502.0270.0				
			Dispos. plotter pen 0.25 mm	95.502.0125.1				
			Dispos. plotter pen 0.35 mm	95.502.0135.1				
			Hand pens 0.25 mm	95.502.0425.0				
			Hand pens 0.35 mm	95.502.0435.0				
			Hand pens 0.50 mm	95.502.0450.0				
			Hand pens 0.70 mm	95.502.0470.0				
Technical data:			Accessories:			Accessories:		
Resolution: 0.01 mm			Ink cartridge P1.0, 5 x 1 ml	95.502.0199.0		Graving tool SET, complete	95.502.0710.0	
Accuracy: +/- 0.05 mm			Cleaning set	95.502.0198.0		Graving tool 0.2 mm	95.502.0710.2	
Power supply unit: 50/60 Hz, 100 – 240 V,			Pen cleaner	95.502.0197.0		Graving tool 0.3 mm	95.502.0710.3	
Output voltage: 24 V DC 1.4 A			Dust protection hood	95.502.0612.0		Graving tool 0.4 mm	95.502.0710.4	
Current input: approx. 0.3 A at 220 V			Service kit for pen station	95.502.0613.0		Graving tool 0.5 mm	95.502.0710.5	
Approval: UL-UL1950			Seal inserts kit			Graving tool 0.7 mm	95.502.0710.7	
CSA 950						Graving tool 1.0 mm	95.502.0711.0	
VDE EN 60950			Receptacles for Wieland marking plates					
Radio interf. suppr.: FCC class B			Receptacle for WSB	95.502.0620.0		Receptacle:		
FCC sect. 15 and VDE class B						Plotboard A4	95.502.0625.0	
Dimensions: 660 mm x 440 mm x 125 mm								
Weight: 8 kg			Available on request:					
Interfaces: USB level 1.1, parallel			Receptacles for marking systems from competition					
			Use of wiemarc with non-Wieland plotter systems					

Marking accessories

DIN rail terminal blocks for junction boxes

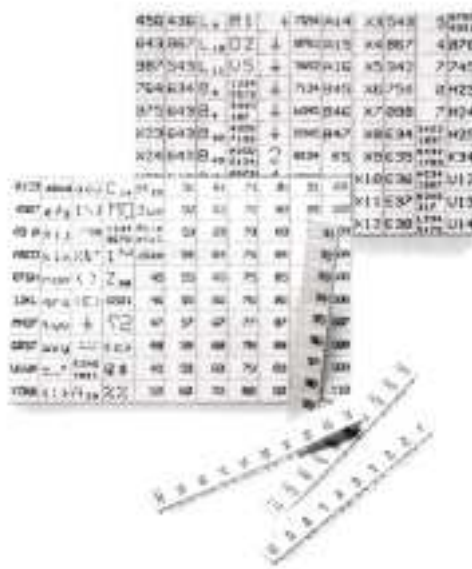


Material:
Polyamide 6.6
black figures on white background

DIN rail terminal blocks, type WKF, can accept marking tags on both sides on top of the block in a 3-chamber slot. It can be either 3 single number tags from the tear-off marking strip, or single tags, or marking strips.

1. **Marking strips** marked and unmarked made from Polyamide 6.6, suitable for 10 terminal blocks.
Marking 1-10, 11-20 etc. up to 991-999.
Type 9705 A/5/10 (5 mm spacing)
for DIN rail terminal blocks
type WK/WKIF/WKIS 2,5...
Type 9705 A/6/10 (6 mm spacing)
for DIN rail terminal blocks
type WK/WKI/WKF 4...
Type 9705 A/5/10/5 B (10 mm spacing)
for DIN rail terminal blocks type WKI/WKF 10...
Type 9705 A/6/10/5 B (12 mm spacing)
for DIN rail terminal blocks type WKI/WKIF 16...
Type 9705 A/8/10/5 B (16 mm spacing)
for DIN rail terminal blocks type WKI 35...
2. **Tear-off marking strips** with 10 marking tags made from Polyamide 6.6, white, marked and unmarked.

This marking system considerably reduces the time required for marking terminal block assemblies. For numerical of terminal block rows only 11 stock positions are required. As the time used for picking and attaching the tags is reduced, and as stockkeeping is low and the prices extremely favorable, attractive cost savings are the result from using these tear-off marking strips.
Type 9704 A...
3. **Single marking tag** made from Polyamide 6.6, white, marked and unmarked.
Type 9705 A...



Marking plates

for the **marcom** 2 marking computer
for the **wieplot** 500 plotter system

All terminal blocks / 5 mm wide and larger

[illegible]



2.5 mm²/5 mm wide

4 mm²/6 mm wide

10 mm²/10 mm wide 16 mm²/12 mm wide 35 mm²/16 mm wide

Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Marking strips, unmarked			Marking strips, unmarked			10 mm²/10 mm wide		
9705 A/5/10	04.242.5053.0	25	9705 A/6/10	04.242.6053.0	25	marked for 5 blocks (every 2nd tag) *		
Marking strips, marked			Marking strips, marked			9705 A/5/10/5 B	04.842.5553.0	25
9705 A/5/9 B 1 - 9	04.842.4953.0	25	9705 A/6/9 B 1 - 9	04.842.5953.0	25	16 mm²/12 mm wide		
9705 A/5/10 B*	04.842.5053.0	25	9705 A/6/10 B*	04.842.6053.0	25	marked for 5 blocks (every 2nd tag) *		
9705 A/5/10 B 1 - 10	04.845.0153.0	25	9705 A/6/10 B 1 - 10	04.846.0153.0	25	9705 A/6/10/5 B	04.842.6553.0	25
11 - 20	04.845.0253.0	25	11 - 20	04.846.0253.0	25	35 mm²/16 mm wide		
21 - 30	04.845.0353.0	25	21 - 30	04.846.0353.0	25	marked for 5 blocks (every 2nd tag) *		
31 - 40	04.845.0453.0	25	31 - 40	04.846.0453.0	25	9705 A/8/10/5 B	04.842.8553.0	25
41 - 50	04.845.0553.0	25	41 - 50	04.846.0553.0	25	with enlarged marking area		
51 - 60	04.845.0653.0	25	51 - 60	04.846.0653.0	25	9705 AL/5/10	04.242.5153.0	25
61 - 70	04.845.0753.0	25	61 - 70	04.846.0753.0	25	* Custom marking upon request		
71 - 80	04.845.0853.0	25	71 - 80	04.846.0853.0	25	* Custom marking upon request		
81 - 90	04.845.0953.0	25	81 - 90	04.846.0953.0	25	* Custom marking upon request		
91 - 100	04.845.1053.0	25	91 - 100	04.846.1053.0	25	* Custom marking upon request		
⊕ (10 x)	04.855.0053.0	25	⊕ (10 x)	04.856.0053.0	25	* Custom marking upon request		
⊖ (10 x)	04.855.0153.0	25	⊖ (10 x)	04.856.0153.0	25	* Custom marking upon request		
+	04.855.0253.0	25	+	04.856.0253.0	25	* Custom marking upon request		
-	04.855.0353.0	25	-	04.856.0353.0	25	* Custom marking upon request		
L1 (10 x)	04.855.0453.0	25	L1 (10 x)	04.856.0453.0	25	* Custom marking upon request		
L2 (10 x)	04.855.0553.0	25	L2 (10 x)	04.856.0553.0	25	* Custom marking upon request		
L3 (10 x)	04.855.0653.0	25	L3 (10 x)	04.856.0653.0	25	* Custom marking upon request		
PE (10 x)	04.855.0753.0	25	PE (10 x)	04.856.0753.0	25	* Custom marking upon request		
SL (10 x)	04.855.3153.0	25	SL (10 x)	04.856.3153.0	25	* Custom marking upon request		
N (10 x)	04.855.3253.0	25	N (10 x)	04.856.3253.0	25	* Custom marking upon request		
F1 (10 x)	04.855.0953.0	25	F1 (10 x)	04.856.0953.0	25	* Custom marking upon request		
F2 (10 x)	04.855.1053.0	25	F2 (10 x)	04.856.1053.0	25	* Custom marking upon request		
L1, L2, L3, N, PE (2 x)	04.855.0853.0	25	L1, L2, L3, N, PE (2 x)	04.856.0853.0	25	* Custom marking upon request		
with enlarged marking area			with enlarged marking area			* Custom marking upon request		
9705 AL/5/10	04.242.5153.0	25	9705 AL/6/10	04.242.6353.0	25	* Custom marking upon request		
* Custom marking upon request			* Custom marking upon request			* Custom marking upon request		

Ferrules

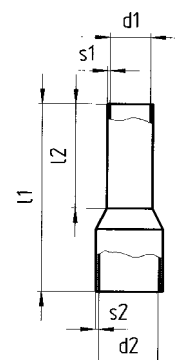
DIN rail terminal blocks for junction boxes

Ferrules with insulating material sleeve

Materials:

Sleeve: Polypropylene, temperature resistance 105 °C, creepage resistant

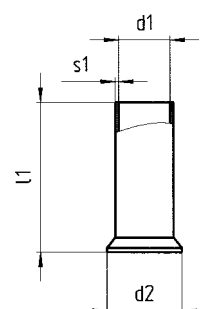
Tube: E-Cu, galvanically tin-plated



Ferrules without insulating material sleeve

Material:

Tube: E-Cu, galvanically tin-plated



	Cross section mm ²		Color	Part No.	Std. Pack
Ferrules with insulating material sleeve	0.50	norm.	white	06.600.2027.0	100
according to DIN 46 228 T4	0.75	norm.	gray	06.600.2127.0	100
	1.00	norm.	red	06.600.2227.0	100
	1.50	norm.	black	06.600.2327.0	100
	1.50	long	black	06.600.2427.0	100
	2.50	norm.	blue	06.600.2527.0	100
	2.50	long	blue	06.600.2627.0	100
	4.00	norm.	gray	06.600.2727.0	100
	4.00	long	gray	06.600.2827.0	100
	6.00	norm.	yellow	06.600.2927.0	100
	6.00	long	yellow	06.600.3027.0	100
	10.00	norm.	red	06.600.3127.0	100
	10.00	long	red	06.600.3227.0	100
	16.00	norm.	blue	06.600.3327.0	100
	16.00	long	blue	06.600.3427.0	100
	25.00	half-long	yellow	06.600.3527.0	50
Ferrules without insulating material sleeve	0.50	norm.		06.600.4027.0	1000
according to DIN 46 228 T1	0.75	norm.		06.600.4127.0	1000
	1.00	norm.		06.600.4227.0	1000
	1.50	norm.		06.600.4327.0	1000
	2.50	norm.		06.600.4427.0	1000
	4.00	norm.		06.600.4527.0	1000
	6.00	norm.		06.600.4627.0	500
	10.00	norm.		06.600.4727.0	500
	16.00	norm.		06.600.4827.0	100
	25.00	norm.		06.600.4927.0	100
	35.00	norm.		06.600.5027.0	100

Tools

DIN rail terminal blocks for junction boxes



Wire strippers

0.08 – 10 mm²

AWG 28 – 7

Pressing tools

A: $0.08 - 10 \text{ mm}^2$

AWG 28 – 7

B: 10 – 25 mm²

AWG 7 - 4

C: 35 – 50 mm²

AWG 2 – 1/0

[illegible]