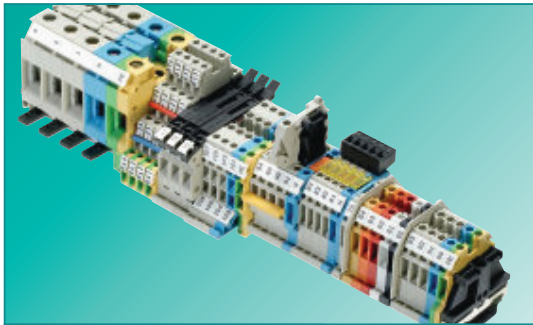


DIN rail terminal blocks with screw connection

Page 14/15	WK 2,5/U	WK 4/U	WK 6/U	WKN 10/U	WKN 16/U
Page 16/17	WKN 35/U	WKN 70/U	WKN 150/U		
Page 18/19	WKN 4 ETK/U	WKN 10 ETK/U	WKN 16 ETK/U		
Page 20/21	WK 2,5 SL	WK 4 SL	WK 6 SL	WKN 10 SL	WKN 16 SL
Page 22/23	WKN 35 SL/U	WKN 70 SL/U	9700 A/35 E S	9700 A/70 E S	Supply set
Page 24/25	WK 4/D/12/U	WK 4/D/2/2/U	WK 4/D E/U	WK 4/D/2/2SL/U	
Page 26/27	WK 4 E/U	WK 4 E/U/VB	WK 4 E/U	WK 4 E/rot	WK 4 E SL/U
Page 28/29	WKN 2,5 E/U	WKN 2,5 E/U/VB			
Page 30/31	WK 2,5-4 KI/U	WK 2,5-3 D/U	WK 2,5-4 KI/SL	WK 2,5-3 D/SL	
Page 32/33	WK 2,5-4 KOI/U	WK 2,5-4 KOI/U-NGN	WK 2,5-4 KOI/U-PGN		
Page 34/35	WK 4 TKG... THSI 5x20	WK 4 TKG... THSI 6,3x32	WK 4/TKM	WK 4 TKG-TRST/U	WK 4 TKS D/U
Page 36/37	WK 4 TKG... SIST	WK 4 TKG... DIST	WK 4/SI-D/U 5 x 25		
Page 38/39	WK 4 THSI 5x20/U	WK 4 THSI 6,3x32/U	WK 10/SI.../U	WK 10/SI/U with indicator	WK 10/SI/U D

Page 40/41	9700 B/30 Si E 14/S 35	9700 B/30 Si E 18/S 35			
Page 42/43	9785 U/...	9785 U/... - SPT	9786 U/TSK...	9760 U/8 TKE...	
Page 44/45	WK 2,5 U/D/8113 S/V	WK 2,5 U/8113 S/V	WK 2,5 U/D/8113 S/H	Typ 8113 B/..., 8313 B/...	Typ 8113 B/... VR
Page 46/47	WK 4 3-6 S 1 K/U	WK 4 5 S 2,8 1 K/U	WK 4 3-6 S 1 K/IW/U	WK 4 5 S 2,8 1 K/IW/U	WK/5-10 S/U
Page 48/49	WK/3-6 S/IW/U	WK/3-6 S/U	WK/4-8 S/IW/U	WK/4-8 S/U	WK/3-6 S KO/U
Page 52/53			WKN 6 TK		
Page 54/55			WK6 TK/35	WK6 TK P3/35	
Page 56/57			BK M 10/35		
Page 58/59	RFK 1/95... S35	RFK 1/150... S35	RFK 1/185... S35	RFK 1/240... S35	
Page 60/61	WKM 2,5/15	WKM 4/15	WKM 4 SL/15	WKM 2,5 F1/15	WKM 2,5 F2/15
Page 62-69	Cross connectors	Cover strips with warning symbol	Test plug/Short-circuit plug	Screw driver	TS 35 x 15
Page 70-79	End clamp for TS 35	Configuration software	Plotter system wiewplot 500	Marking material	Pressing tool

## DIN rail terminal blocks with screw connection



Wieland Electric offers you selos WKN – a complete assortment of DIN rail terminal blocks with screw connection technology.

The portfolio includes feed through and ground blocks with 2, 3 or 4-wire connection points, multi-tier blocks in two and three-tier design, knife edge disconnect blocks and fuse blocks. In addition, function blocks are available with a wide variety of diode circuits as well as diverse, special application – specific blocks (e.g., measuring converter disconnect blocks or compensating terminals).

**selos** is designed for use in mechanical and plant engineering as well as in explosion-protected areas.

### Technical data as per EN 60947-7:

Rated cross section: 2,5mm<sup>2</sup>-240mm<sup>2</sup>  
 Rated current: Up to 415A  
 Rated voltage: 800/500V

### Classical connection

- Globally recognized, proven and self-explanatory connection technology
- Space-saving, compact design with side wire entry
- Reliable and maintenance-friendly electrical connection
- with maximum contact strength

### Universal use

- Flexible connection of different wire sizes via large connection capability of the clamping points
- Simple expansion or potential distribution via multi-wire connection
- Connection of fine-wire conductors with ferrules up to the rated cross section
- Low feed-through resistance due to large contact surface and good contact strength

### Many uses

- DIN rail terminal block solutions for all conventional circuiting jobs and functions
- Special blocks for branch-specific applications
- Extensive accessories for function expansion
- Global, national and branch-specific approvals for use around the world

### Clear marking

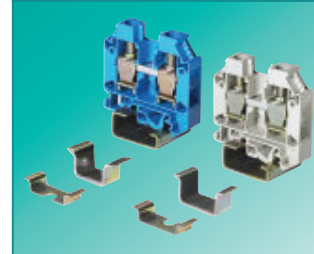
- Clearly legible marking tags even after wires are connected
- Unmistakable wire-termination point assignment during wiring
- Simplified trouble-shooting in case of maintenance
- Individual marking with the **wiemarc** marking system



### Screw connection technology

#### Rising cage connection with elastic clamping body

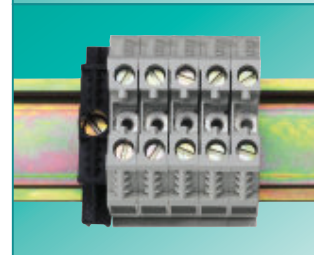
- Maximum possible stable contact strength regardless of cross section
- Functional dependability – no damage to the screw's threading even after screws are tightened and loosened several times
- Gas-proof electrical connection in accordance with approvals.



### Universal foot

#### Universal usability on conventional types of mounting rails

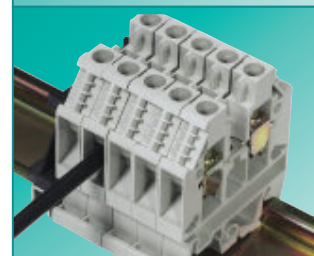
- Assembly foot for TS 35 and TS 32 as per DIN 60715
- Seat centered to mounting rail
- Functional and mounting dependability due to asymmetrical design of the clamping foot. Incorrectly mounted blocks are detected immediately.



### Guide ducts

#### Enclosed guide ducts for screwdrivers

- When power screwdrivers are used, the screwdriver duct prevents the blade from slipping off.
- When clamping screws are completely screwed out, the integrated screw brake ensures that they are not lost even during over head work.



### Wire entry guide

#### Correct and quick wiring

- User-friendliness and speed provided by the wire guide during connection
- Multi-stranded and fine-stranded wires can also be easily inserted in the terminal without ferrules.
- The connection space is open on delivery.



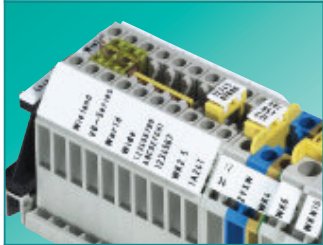
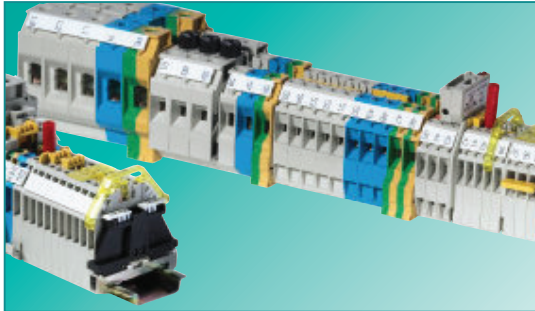
### Materials

#### Selection of high-quality materials

- Special alloys offer low feed through resistance and ensure a gas-proof contact area:
  - Current rail: copper or brass
  - Clamping bodies and clamping screws: Zinc-plated and chromated steel
- Polyamide has excellent electrical, chemical and mechanical properties:
  - Temperature resistant: Up to 120°C
  - Creepage resistance: CTI 600
  - Flammability class: UL94-V0, self-extinguishing



## DIN rail terminal blocks with screw connection



### Marking system

#### Accessories for selos

We offer an extensive assortment of a wide variety of accessories to go with our **selos** screw terminal block program so that you can individually adjust Wieland DIN rail blocks to your applications.

This includes, among others, the reliable Wieland standard marking system as it is also used by our other product lines, and a complete program of cross connectors as cross connectors or combs in insulated or uninsulated design.

Various test accessories are also a standard part of the Wieland program as are connection plates, partitions, and special extra covers with warning symbol.

#### All blocks clearly marked

- Large selection of marking tags with the spacing of the block
- Clearly legible marking tags even after wires are connected
- Individual marking with the **wiemarc** and **wieplot** marking systems

### Cross connectors

#### Jumpering all blocks with load-carrying capacity

- High current-carrying ability with nominal current of the rated cross section
- Available from 2 to 12-pin. Larger numbers of pins via ready made goods.
- End plates, partitions or partition plates must be used for cross connectors so that the rated voltage is maintained.
- Displaced assembly is required for blocks with different potentials.



### Jumper combs

#### Additional jumpering option

- Jumper combs are introduced with the wire into the connection space.
- Jump combs are available in touch-proof design in accordance with BGV A2.
- When jumper combs are used, the connection cross section is reduced by one stage.
- Available from 2 to 12-pins. Larger numbers of pins via ready made goods.



### End plate/partition

#### Insulation of potentials

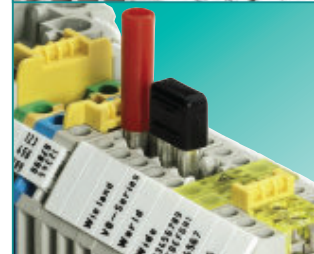
- Optical separation of individual block groups
- Adherence to air and creepage distances for cross connectors mounted next to each other
- For safety reasons partitions are constructed so that they can only be removed when the adjacent DIN rail block is also removed.



### Covers

#### Marking potentials under voltage

- Safety due to reference to network voltage
- For snapping onto blocks which are still under voltage even though the main switch was switched off.
- Marking of the network power input
- Available as single cover or as strip



### Test sockets and plugs

#### Checking the potentials

- Test sockets are mounted in the middle threading of the DIN rail block.
- Test plugs in 2, 3 or 4 mm design
- Short circuit plugs



### Modular test adapters

#### Testing and commissioning terminal block assemblies

- Test with full wiring on fabricated DIN rail blocks
- Function test with modular test adapter by direct pickup from the current rail of the block
- Test adapters with locking lever can be snapped in with any number of pins.



### Connection link

#### Connecting potentials so that they can be separated

- Easy-to-separate 2-pin cross connection
- Mounting in the middle threading of the DIN rail block



### Partition plates

#### Insulating potentials

- To maintain the full rated voltage when cross connectors are used
- Later snap-in possible
- Marking option with the Wieland standard marking system

## Configuration software for DIN rail terminal blocks, *wieplan*



### Managing projects

### Configuring terminal block assemblies without errors

### Entering order data

### Terminal block assembly output

**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. After completion you can optionally order your configured terminal block assembly from Wieland for complete pre-assembly.

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

#### 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.

#### 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.

#### Benefits:

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

#### Benefits:

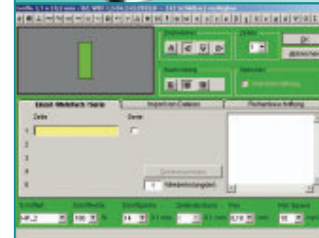
- You print out the order, the parts list and the drawing data, and, if required, your own order numbers.
- You create a DXF file and export the current terminal block assembly to a CAD program.
- You export the marking in CSV format including all marking data for further processing in **wiemarc**, for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



### *selos – fasis – taris*



### *wieplot*



### *wiemarc*



### *wieplot engraving system*

Individual marking of DIN rail terminal blocks. That is called **wiemarc** and **wieplot** at Wieland Electric. The **wieplot** 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

- 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

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

#### Easy and quick

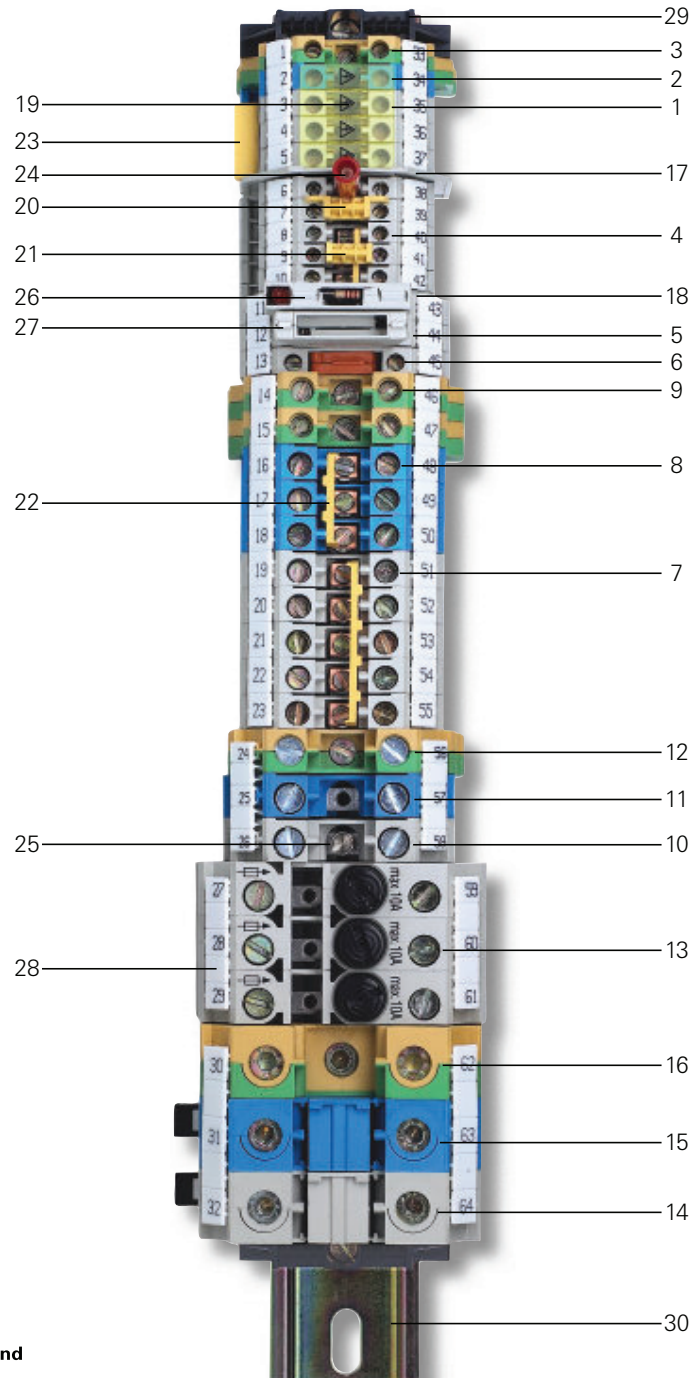
- Simple and intuitive user interface
- Direct graphical display of the marking tags including plausibility check
- Customized layouts can be created individually
- Data import from CAD, Excel, text or **wieplan** files

#### Durable and safe

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



## DIN rail terminal blocks with screw connection



Pos.	Description	Type	Part number
1	Feed-through block	WK 4/U	57.504.0055.0
2	Feed-through block, blue	WK 4/U BLAU	57.504.0055.6
3	Ground block	WK 4 SL/U	57.504.9055.0
4	Feed-through block	WK 2,5/U	57.503.0055.0
5	Disconnect block	WK 4 TKG/U	57.504.4055.0
6	Knife edge disconnect block	WK 4 TKM/U	57.504.2055.0
7	Feed-through block	WK 6/U	57.506.0055.0
8	Feed-through block, blue	WK 6/U BLAU	57.506.0055.6
9	Ground block	WK 6 SL/U	57.506.9055.0
10	Feed-through block	WKN 10/U	57.510.0155.0
11	Feed-through block, blue	WKN 10/U BLAU	57.510.0155.6
12	Ground block	WKN 10 SL/U	57.510.9055.0
13	Fuse block	WK 10 SI/U 5x20	57.910.5055.0
14	Feed-through block	WKN 35/U	57.535.0155.0
15	Feed-through block, blue	WKN 35/U BLAU	57.535.0155.6
16	Ground block	WKN 35/U	57.535.9055.0
17	Partition	TW 2,5-4	07.311.1155.0
18	End plate	AP 2,5-4	07.311.0155.0
19	Cover strip with warning symbol over 4 blocks	AD VB 6/4 GELB	04.343.4856.8
20	Partition plate, yellow	TS 2,5 GELB	07.311.2053.8
21	Single cover for cross conn. with mark. facil.	AD VB 2,5 GELB	04.326.2053.8
22	Cross connector with screws, insulated	IVB WK 6-3	Z7.282.2327.0
23	Jumper comb, insulated	IVB 0,5 WK 4-3	Z7.255.0327.0
24	Test plug	ST 2/2,3	Z5.553.2921.0
25	Ring lug for test plug	9011B	05.508.3221.0
26	Fuse holder with indicator	SIST LED	Z1.299.4155.0
27	Diode plug, without contacts	DIST	Z1.299.3155.0
28	Marking strip	9705 A/8/10 B	04.842.0153.0
29	End clamp	9708/2 S35	Z5.522.8553.0
30	Mounting rail	35x27x7,5 gelocht	98.300.0000.0

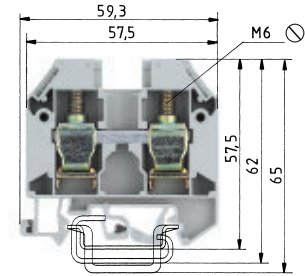
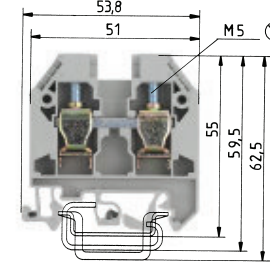
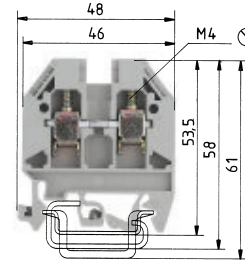
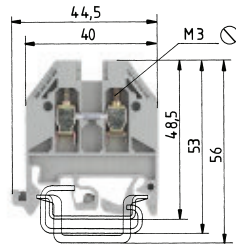
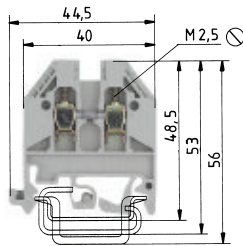
# Feed-through blocks with screw connection

UL wire connection versions

<sup>4</sup> or 2x no. 14 sol/str AWG  
or 2x no. 16 sol/str AWG  
or 2x no. 18 sol/str AWG  
or 3x no. 20 sol/str AWG or 3x no. 22 sol/str AWG

<sup>5</sup> or 2x no. 12 sol/str AWG  
or 2x no. 16 sol/str AWG  
or 3x no. 18 sol/str AWG or 3x no. 22 sol/str AWG

<sup>6</sup> or 2x no. 12 sol/str AWG  
or 2x no. 14 sol/str AWG  
or 3x no. 16 sol/str AWG



0344 II 2GD IM2  
Ex e I/II  
EN 60947-7-1:2002  
UL ratings Field/factory wiring  
CSA ratings  
KEMA 02 ATEX 2114 U<sup>1)</sup> EN 60079-0/EN 60079-7  
Width Wire strip length  
Approvals

**WK 2,5/U**  
fine-stranded solid V A  
0.5-2.5mm<sup>2</sup> 0.5-4mm<sup>2</sup> 800V/8kV/3 24  
No. 22-12 AWG 600V 20/30  
No. 24-12 AWG 600V 25  
0.5-2.5mm<sup>2</sup> 0.5-4mm<sup>2</sup> 690V 23  
5mm 9mm

**WK 4/U**  
fine-stranded solid V A  
0.5-4mm<sup>2</sup> 0.5-6mm<sup>2</sup> 800V/8kV/3 32  
No. 22-10 AWG<sup>4)</sup> 600V 30/35  
No. 20-10 AWG 600V 40  
0.5-4mm<sup>2</sup> 0.5-6mm<sup>2</sup> 690V 14/27<sup>5)</sup>  
6mm 9mm

**WK 6/U**  
fine-stranded solid V A  
0.5-6mm<sup>2</sup> 0.5-10mm<sup>2</sup> 800V/8kV/3 41  
No. 22-8 AWG<sup>6)</sup> 600V 50/50  
No. 20-8 AWG 600V 45  
0.5-6mm<sup>2</sup> 0.5-10mm<sup>2</sup> 690V 35/38<sup>6)</sup>  
8mm 11mm

**WK 10/U**  
fine-stranded solid/stranded V A  
2.5-10mm<sup>2</sup> 1.5-16mm<sup>2</sup> 800V/8kV/3 57  
No. 16-6 AWG<sup>6)</sup> 600V 65/65  
No. 16-6 AWG 600V 70  
2.5-10mm<sup>2</sup> 1.5-16mm<sup>2</sup> 690V 43/56<sup>6)</sup>  
10mm 13mm

**WK 16/U**  
fine-stranded solid/stranded V A  
4-16mm<sup>2</sup> 1.5- 25mm<sup>2</sup> 800V/8kV/3 76  
No. 12-4 AWG 600V 85/90  
No. 14-4 AWG 600V 95  
4-16mm<sup>2</sup> 1.5-25mm<sup>2</sup> 690V\* 61/71<sup>6)</sup>  
12mm 15mm

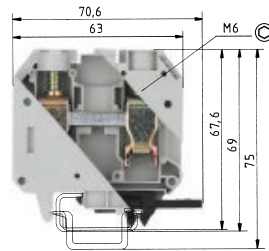
	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	
<b>Feed-through block</b>	gray	WK 2,5/U	57.503.0055.0	100	WK 4/U	57.504.0055.0	100
<b>Feed-through block Exi</b>	blue	WK 2,5/U BLAU	57.503.0055.6	100	WK 4/U BLAU	57.504.0055.6	100
<b>Accessories</b>							
1. Mounting rail TS 35, DIN rail 7.5mm high L = 2m	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 TS 35, DIN rail, 15mm high L = 2m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1	
Mounting rail TS 32, G rail <sup>2)</sup> L = 2m	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1	
2. End clamp with U-foot <sup>3)</sup> 10mm wide	WE 1/U	25.523.5753.0	100	WE 1/U	25.523.5753.0	100	
End clamp TS 35, with screw 8mm wide	9708/2 S35	25.522.8553.0	100	9708/2 S35	25.522.8553.0	100	
End clamp TS 35, without screw 8mm wide	WEF 1/35	25.523.9353.0	100	WEF 1/35	25.523.9353.0	100	
3. End plate	AP 2,5 - 4	07.311.0155.0	10	AP 2,5 - 4	07.311.0155.0	10	
blue	AP 2,5 - 4 BLAU	07.311.0155.6	10	AP 2,5 - 4 BLAU	07.311.0155.6	10	
4. Partition	TW 2,5 - 4	07.311.1155.0	10	TW 2,5 - 4	07.311.1155.0	10	
blue	TW 2,5 - 4 BLAU	07.311.1155.6	10	TW 2,5 - 4 BLAU	07.311.1155.6	10	
5. Cross connector with screws	IVB WK 2,5 - 2	27.280.2227.0	10	IVB WK 4 - 2	27.281.1227.0	10	
insulated	IVB WK 2,5 - 3	27.280.2327.0	10	IVB WK 4 - 3	27.281.1327.0	10	
up to 12 pole	IVB WK 2,5 - 12	27.280.3227.0	10	IVB WK 4 - 12	27.281.2227.0	10	
6. Partition plate with marking facility	TS 2,5 GELB	07.311.2053.8	10	TS 4 GELB	07.311.2153.8	10	
7. Single cover with marking facility	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	AD VB 5/4 GELB	04.343.4756.8	10	AD VB 6/4 GELB	04.343.4856.8	10	

	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	
WK 6/U	gray	WK 6/U	57.506.0055.0	100	WKN 10/U	57.510.0155.0	50
WK 6/U BLAU	blue	WKN 10/U BLAU	57.510.0155.6	50	WKN 16/U	57.516.0155.0	50
WK 6/U BLAU	blue	WKN 10/U BLAU	57.506.0055.6	100	WKN 16/U BLAU	57.516.0155.6	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 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1		
9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1		
WE 1/U	25.523.5753.0	100	WE 1/U	25.523.5753.0	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		
AP 6	07.311.0255.0	10	APN 10	07.311.6655.0	10		
AP 6 BLAU	07.311.0255.6	10	APN 10 BLAU	07.311.6655.6	10		
TW 6	07.311.1255.0	10	TWN 10	07.311.7655.0	10		
TW 6 BLAU	07.311.1255.6	10	TWN 10 BLAU	07.311.7655.6	10		
IVB WK 6 - 2	27.282.2227.0	10	IVB WKN 10 - 2	27.283.2227.0	10		
IVB WK 6 - 3	27.282.2327.0	10	IVB WKN 10 - 3	27.283.2327.0	10		
IVB WK 6 - 12	27.282.3227.0	10	IVB WKN 10 - 12	27.283.3227.0	10		
TS 6 GELB	07.311.2253.8	10	TS 10 GELB	07.311.2353.8	10		
AD VB 6 GELB	04.326.2253.8	10	AD VB 10 GELB	04.326.2353.8	10		
AD VB 8/4 GELB	04.343.4956.8	10	AD VB 10/4 GELB	04.343.5056.8	10		
			AD VB 16/U	57.516.0155.0	50		
			AD VB 16/U BLAU	57.516.0155.6	50		
			AD VB 12/4 GELB	04.343.5156.8	10		

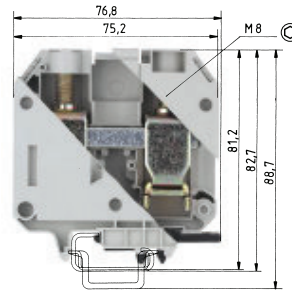
For more accessories see pages 62-79  
For marking systems see pages 72-77

<sup>1)</sup> For maintaining the proper isolation distances, the open side of a feed-through terminal block as well as both sides of a jumper are to be enclosed by partitions.  
<sup>2)</sup> Please note the mounting instructions. <sup>3)</sup> Do not use in Ex environments. <sup>4)</sup> With/without jumper

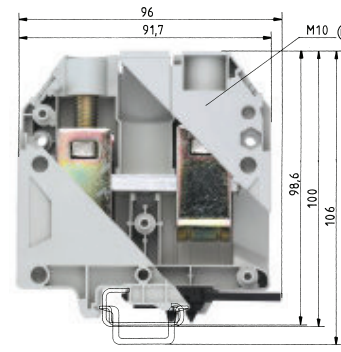
## Feed-through blocks with screw connection



Enclosed design



Enclosed design



Enclosed design

0344 Ex II 2GD IM2  
Ex e I/II  
EN 60947-7-1:2002  
UL ratings  
CSA ratings  
KEMA 02 ATEX 2114 U<sup>1)</sup> EN 60079-0/EN 60079-7  
Width  
Approvals

Field/factory wiring  
Wire strip length

### WKN 35/U

fine-stranded	stranded	V	A
10-35 mm <sup>2</sup>	10-50 mm <sup>2</sup>	800V/8 kV/3	125
No. 10-2 AWG		600V	150
No. 12-2 AWG		600V	150
10-35 mm <sup>2</sup>	10-50 mm <sup>2</sup>	690V*	86/124 <sup>3)</sup>
16 mm			18 mm

EPM ATEX LR UL Ex

### WKN 70/U

fine-stranded	stranded	V	A
10-70 mm <sup>2</sup>	16-95 mm <sup>2</sup>	800V/8 kV/3	192
No. 6-2/0 AWG		600V	175/175
No. 6-2/0 AWG		600V	170
10-70 mm <sup>2</sup>	16-95 mm <sup>2</sup>	690V	179/179 <sup>3)</sup>
24 mm			24 mm

EPM ATEX LR UL Ex

### WKN 150/U

fine-stranded	stranded	V	A
35-150 mm <sup>2</sup>	35-185 mm <sup>2</sup>	1000V/8 kV/3	309
No. 2/0 AWG - 350 kcmil		600V	335/335
No. 2/0 AWG - 350 kcmil		600V	365
35-150 mm <sup>2</sup>	35-185 mm <sup>2</sup>	690V	290/309 <sup>3)</sup>
28 mm			30 mm

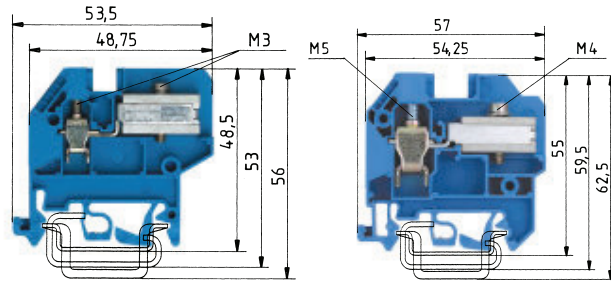
EPM ATEX LR UL Ex

	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	
<b>Feed-through block</b>	gray	WKN 35/U	57.535.0155.0	20	WKN 70/U	57.570.0155.0	20
<b>Feed-through block Exi</b>	blue	WKN 35/U BLAU	57.535.0155.6	20	WKN 70/U BLAU	57.570.0155.6	20
<b>Accessories</b>							
1. Mounting rail TS 35, DIN rail 7.5 mm 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 TS 35, DIN rail, 15 mm 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	
Mounting rail TS 32, G rail <sup>2)</sup> L = 2 m	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1	
2. End clamp with U-foot <sup>2)</sup> 10 mm wide	WE 2/U	25.523.5653.0	100	WE 2/U	25.523.5653.0	100	
End clamp TS 35, with screw 8 mm wide	9708/2 S 35	25.522.8553.0	100	9708/2 S 35	25.522.8553.0	100	
End clamp TS 35, without screw 8 mm wide	WEF 1/35	25.523.9353.0	100	WEF 1/35	25.523.9353.0	100	
3. End plate							
	gray						
	blue						
4. Partition							
	gray	TWN 35	07.311.7855.0	10	TWN 70	07.311.7955.0	10
	blue	TWN 35 BLAU	07.311.7855.6	10	TWN 70 BLAU	07.311.7955.6	10
5. Cross connector with screws							
	2 pole	IVB WKN 35 - 2	27.285.2227.0	5	VB WKN 70 - 2	27.286.3227.0	10
	3 pole	IVB WKN 35 - 3	27.285.2327.0	5	VB WKN 70 - 3	27.286.3327.0	10
	up to 6 pole	IVB WKN 35 - 6	27.285.2627.0	5	VB WKN 70 - 6	27.286.3627.0	10
	up to 12 pole	IVB WKN 35 - 12	27.285.3227.0	5			
6. Partition plate with marking facility							
7. Single cover with marking facility	AD VB 35 GELB	04.326.2553.8	10	AD VB 70 GELB	04.326.2653.8	10	
8. Cover with warning symbol over 4 blocks	AD VB 16/4 GELB	04.343.5256.8	10	AD VB 24/4 GELB	04.343.5356.8	10	
For more accessories see pages 62-79							
For marking systems see pages 72-77							

<sup>1)</sup> For maintaining the proper isolation distances, the open side of a feed-through terminal block as well as both sides of a jumper are to be enclosed by partitions.  
<sup>2)</sup> Please note the mounting instructions.  
<sup>3)</sup> Do not use in Ex environments. <sup>3)</sup> With/without jumper

Type	Part No.	Std. Pack
WKN 150/U	57.597.0155.0	10
WKN 150/U BLAU	57.597.0155.6	10
<b>Accessories</b>		
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
9006 EN 60715 G-32	98.190.0000.0	1
WE 2/U	25.523.5653.0	100
9708/2 S 35	25.522.8553.0	100
9708	25.522.7053.0	100
VB WKN 150 - 2	27.287.1227.0	5
VB WKN 150 - 3	27.287.1327.0	5
VB WKN 150 - 6	27.287.1627.0	5
AD VB 28/4 GELB	04.343.5456.8	10

### Neutral disconnect blocks with screw connection



Current carrying capability:  
fine-stranded: 4 mm<sup>2</sup> 25A  
solid: 6 mm<sup>2</sup> 30A

Current carrying capability:  
fine-stranded: 10 mm<sup>2</sup> 45A  
stranded: 16 mm<sup>2</sup> 50A

#### WKN 4 ETK/U

fine-stranded stranded V A  
0.5-4 mm<sup>2</sup> 0.5-6 mm<sup>2</sup> 400V/6kV/3<sup>1</sup>

#### WKN 10 ETK/U

fine-stranded solid/stranded V A  
1-10 mm<sup>2</sup> 1-16 mm<sup>2</sup> 400V/6kV/3<sup>1</sup>

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

6mm 9mm 10mm 13mm

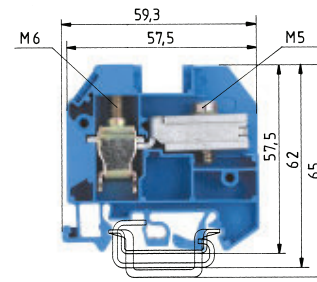
	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	
<b>Neutral disconnect block</b>	blue	WKN 4 ETK/U	57.504.8155.0	100	WKN 10 ETK/U	57.510.8155.0	50
<b>Connector clamps for busbar</b>	blue unplated						
<b>Accessories</b>							
1. Mounting rail TS 35, DIN rail 7.5 mm high L = 2 m	35 x 27 x 7.5 EN 60715	98.300.0000.0	1	35 x 27 x 7.5 EN 60715	98.300.0000.0	1	
Mounting rail TS 35, DIN rail, 15 mm 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	
Mounting rail TS 32, G rail <sup>2)</sup> L = 2 m	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1	
2. End clamp with U-foot <sup>2)</sup> 10 mm wide	WE 1/U	25.523.5753.0	100	WE 1/U	25.523.5753.0	100	
End clamp TS 35, with screw 8 mm wide	9708/2 S35	25.522.8553.0	100	9708/2 S35	25.522.8553.0	100	
End clamp TS 35, without screw 8 mm wide	WEF 1/35	25.523.9353.0	100	WEF 1/35	25.523.9353.0	100	
3. End plate	gray						
	blue	APN 4 ETK	07.312.1155.0	10	APN 10 ETK	07.312.0955.0	10
4. Partition	gray						
	blue						
5. Cross connector with screws	2 pole						
	insulated						
	3 pole						
	up to 12 pole						
6. Partition plate with marking facility							
7. Single cover with marking facility	AD VB 4 GELB	04.326.2153.8	10	AD VB 10 GELB	04.326.2353.8	10	
8. Cover with warning symbol over 4 blocks							
9. Busbar, E-Cu, 10x3 mm, blank, l <sub>h</sub> =14 L = 1 m	9813 M	98.290.0000.0	1	9813 M	98.290.0000.0	1	
Busbar, E-Cu, 10x3 mm, zinc-plated, l <sub>h</sub> = ?? L = 1 m	9813 M SN	98.290.1000.0	1	9813 M SN	98.290.1000.0	1	
10. Connection clamp f. 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
11. Rail holder 8 mm wide	WKIF SH/E/35	Z1.108.8453.0	100	WKIF SH/E/35	Z1.108.8453.0	100	

For more accessories see pages 62-79

For marking systems see pages 72-77

<sup>1)</sup> For use in grounded networks 690/400V

### Connector clamps for Cu busbar (10 x 3 mm)

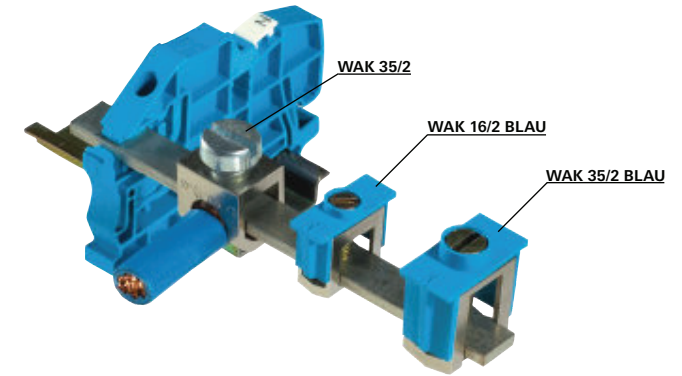


Current carrying capability:  
fine-stranded: 16 mm<sup>2</sup> 62A  
stranded: 25 mm<sup>2</sup> 67A

#### WKN 16 ETK/U

fine-stranded solid/stranded V A  
4-16 mm<sup>2</sup> 4-25 mm<sup>2</sup> 400V/6kV/3<sup>1</sup>

12 mm 15 mm



EN 60 998-2-1 CCA/CH

EN 60 998-2-1 CCA/CH

#### WAK 16/2

fine-stranded stranded V A  
1.5-16 mm<sup>2</sup> 10-16 mm<sup>2</sup>

8,4 mm

#### WAK 35/2

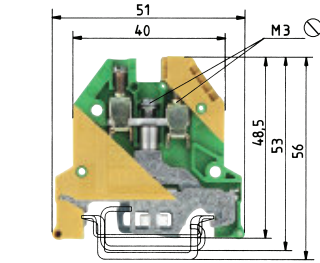
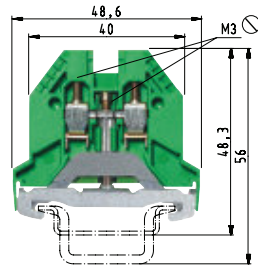
fine-stranded stranded V A  
76 16-35 mm<sup>2</sup> 16-35 mm<sup>2</sup> 125

16 mm 17 mm 14 mm

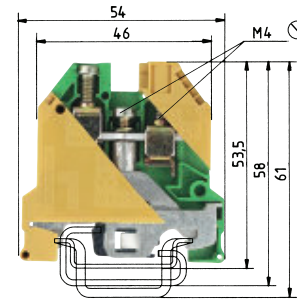
Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
WKN 16 ETK/U	57.516.8155.0	50	WAK 16/2 BLAU	30.494.3021.6	100	WAK 35/2 BLAU	30.494.4021.6	100
						WAK 35/2	30.494.4121.0	50
35 x 27 x 7.5 EN 60715	98.300.0000.0	1	35 x 27 x 7.5 EN 60715	98.300.0000.0	1	35 x 27 x 7.5 EN 60715	98.300.0000.0	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
9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	25.523.5753.0	100	WE 1/U	25.523.5753.0	100	WE 1/U	25.523.5753.0	100
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
APN 16 ETK	07.312.0855.0	10	APN 16 ETK	07.312.0855.0	10	APN 16 ETK	07.312.0855.0	10
AD VB 16 GELB	04.326.2453.8	10	AD VB 16 GELB	04.326.2453.8	10	AD VB 16 GELB	04.326.2453.8	10
9813 M	98.290.0000.0	1	9813 M	98.290.0000.0	1	9813 M	98.290.0000.0	1
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/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



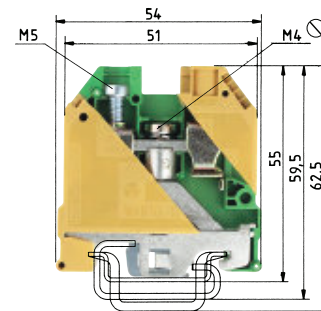
## Ground blocks with screw connection



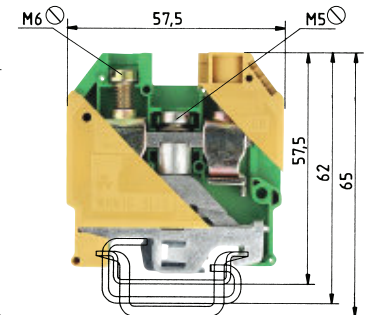
Enclosed design



Enclosed design



Enclosed design



Enclosed design

0344 Ex II 2GD IM2  
Ex e I/II  
EN 60947-7-1:2002  
UL ratings  
CSA ratings  
KEMA 02 ATEX 2114 U<sup>1)</sup> EN 60079-0/EN 60079-7  
Width  
Approvals

**WK 2,5 SL/35**  
fine-stranded solid V  
0,5-2,5mm<sup>2</sup> 0,5-4mm<sup>2</sup> 500V/6kV/3<sup>4)</sup>  
No. 22-12 AWG  
No. 24-12 AWG  
5mm  
9mm

**WK 4 SL/U**  
fine-stranded solid V A  
0,5-4mm<sup>2</sup> 0,5-6mm<sup>2</sup> 800V/8kV/3<sup>4)</sup>  
No. 22-10 AWG  
No. 20-10 AWG  
0,5-4mm<sup>2</sup> 0,5-6mm<sup>2</sup>  
6mm 9mm

**WK 6 SL/U**  
fine-stranded solid V A  
0,5-6mm<sup>2</sup> 0,5-10mm<sup>2</sup> 800V/8kV/3<sup>4)</sup>  
No. 22-8 AWG  
No. 20-8 AWG  
0,5-6mm<sup>2</sup> 0,5-10mm<sup>2</sup>  
8mm 12mm

**WKN 10 SL/U**  
fine-stranded solid/stranded V A  
2,5-10mm<sup>2</sup> 1,5-16mm<sup>2</sup> 800V/8kV/3<sup>4)</sup>  
No. 16-6 AWG  
No. 16-6 AWG  
2,5-10mm<sup>2</sup> 1,5-16mm<sup>2</sup>  
10mm 13mm

**WKN 16 SL/U**  
fine-stranded solid/stranded V A  
4-16mm<sup>2</sup> 1,5-25mm<sup>2</sup> 800V/8kV/3<sup>4)</sup>  
No. 12-4 AWG  
No. 14-4 AWG  
4-16mm<sup>2</sup> 1,5-25mm<sup>2</sup>  
12mm 15mm

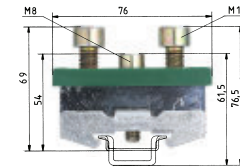
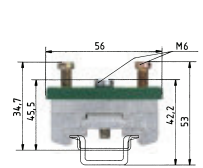
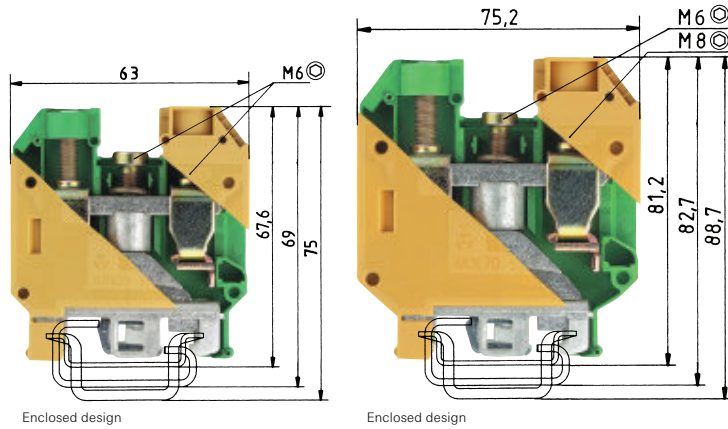
Ground block	green/yellow	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
		WK 2,5 SL/35	56.503.9055.0	100	WK 4 SL/U	57.504.9055.0	100
<b>Accessories</b>							
1. Mounting rail TS 35, DIN rail 7.5 mm high	L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail TS 35, DIN rail, 15 mm 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
Mounting rail TS 32, G rail <sup>2)</sup>	L = 2 m				9006 EN 60715 G-32	98.190.0000.0	1
2. End clamp with U-foot <sup>2)</sup>	10 mm wide	WE 1/U	25.523.5753.0	100	WE 1/U	25.523.5753.0	100
End clamp TS 35, with screw	8 mm wide	9708/2 S35	25.522.8553.0	100	9708/2 S35	25.522.8553.0	100
End clamp TS 35, without screw	8 mm wide	WEF 1/35	25.523.9353.0	100	WEF 1/35	25.523.9353.0	100
3. End plate	gray						
	green	AP 2,5-4 SL	07.311.7155.0	10			
4. Partition	gray						
	green						
5. Cross connector with screws	2 pole						
insulated	3 pole						
	up to 12 pole						
6. Partition plate with marking facility							
7. Single cover with marking facility							
8. Cover with warning symbol over 4 blocks							

<sup>1)</sup> Please note the mounting instructions. <sup>2)</sup> Do not use in Ex environments.  
<sup>3)</sup> For the current carrying capability of the mounting rail see AT catalog section **facts & DATA**.  
<sup>4)</sup> Ratings to adjacent feed-through blocks of the same series and size.

Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
WK 6 SL/U	57.506.9055.0	100	WKN 10 SL/U	57.510.9055.0	50	WKN 16 SL/U	57.516.9055.0	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
9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	25.523.5753.0	100	WE 1/U	25.523.5753.0	100	WE 1/U	25.523.5753.0	100
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

### Ground blocks with screw connection

For ground blocks of 70mm<sup>2</sup> or higher, only mounting rails from E-copper must be used due to the current carrying capability.



0344 II 2GD IM2  
Ex e I/II  
EN 60947-7-1:2002  
UL ratings  
CSA ratings  
KEMA 02 ATEX 2114 U<sup>1)</sup> EN 60079-0/EN 60079-7  
Width  
Approvals

**WKN 35 SL/U**  
fine-stranded V A  
10-35mm<sup>2</sup> 10-50mm<sup>2</sup> 800V/8kV/3<sup>4)</sup>  
No. 10-2 AWG  
No. 10-2 AWG  
10-35mm<sup>2</sup> 10-50mm<sup>2</sup>  
16mm  
20mm  
EPM ATEX LR UL AEx CE Ex

**WKN 70 SL/U**  
fine-stranded V A  
10-70mm<sup>2</sup> 16-95mm<sup>2</sup> 800V/8kV/3<sup>4)</sup>  
No. 6-2/0 AWG  
No. 6-2/0 AWG  
10-70mm<sup>2</sup> 16-95mm<sup>2</sup>  
24mm  
ATEX LR UL CE Ex

**9700 A/35 E S 35**  
fine-stranded V A  
35mm<sup>2</sup> 50mm<sup>2</sup>

**9700 A/70 E S 35**  
fine-stranded V A  
70mm<sup>2</sup> 120mm<sup>2</sup>  
No. 6-2/0 AWG  
No. 6-2/0 AWG

**Supply set**

	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	
<b>Ground block</b>	green/yellow	WKN 35 SL/U	57.535.9055.0	20	WKN 70 SL/U	57.570.9055.0	20
<b>Supply set</b>							
<b>Accessories</b>							
1. Mounting rail TS 35, DIN rail 7.5mm high	L = 2 m						
Mounting rail TS 35, DIN rail, 15mm high	L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715 CU	98.380.0000.0	10
Mounting rail TS 32, G rail <sup>2)</sup>	L = 2 m	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32 E-CU	98.220.0000.0	10
2. End clamp with U-foot <sup>3)</sup>	10mm wide	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
End clamp TS 35, with screw	8mm wide	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
End clamp TS 35, without screw	8mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	gray						
	green						
4. Partition	gray						
	green						
5. Cross connector with screws	2 pole						
	insulated						
	3 pole						
	up to 12 pole						
6. Partition plate with marking facility							
7. Single cover with marking facility							
8. Cover with warning symbol over 4 blocks							

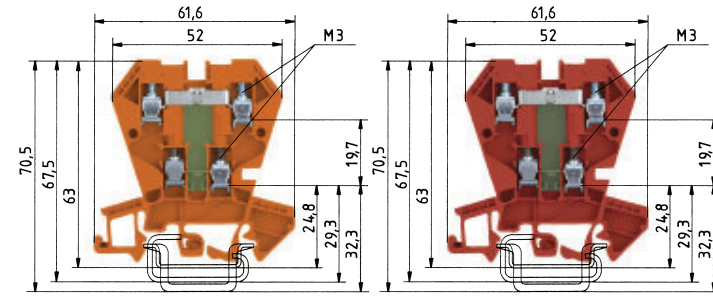
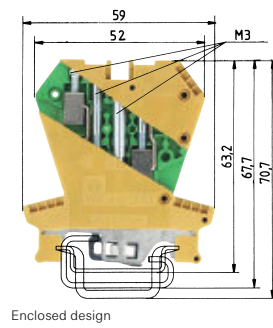
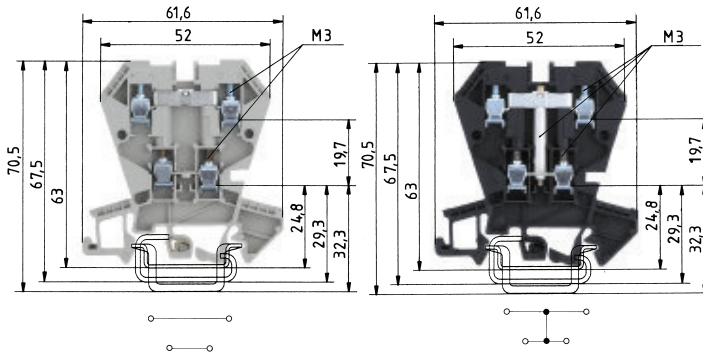
<sup>1)</sup> Please note the mounting instructions. <sup>2)</sup> Do not use in Ex environments.  
<sup>3)</sup> For the current carrying capability of the mounting rail see AT catalog section **facts & DATA**.  
<sup>4)</sup> Ratings to adjacent feed-through blocks of the same series and size.

Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
9700 A/35 E S 35	Z2.302.0621.0	25	9700 A/70 E S 35	Z2.302.0421.0	10	WKN 70 3D/N/SL/U	57.570.9855.0	1
						WKN 70 3D/2N/SL/U	57.570.9955.0	1
						WKN 150/70 3D/N/SL/U	57.597.9855.0	1
						WKN 150/3D/N/U	57.597.9955.0	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 CU	98.380.0000.0	10			
WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
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





Multi-tier blocks with screw connection



0344 II 2GD IM2  
 Ex e I/II  
 EN 60947-7-1:2002  
 EN 60947-7-2:2002  
 UL ratings  
 CSA ratings  
 KEMA 02 ATEX 2114 U<sup>1)</sup> EN 60079-0/EN 60079-7  
 Width Wire strip length  
 Approvals

**WK 4 E/U**

fine-stranded	solid	V	A
0.5-4mm <sup>2</sup>	0.5-4mm <sup>2</sup>	400V/6kV/3 <sup>2)</sup>	32
No. 22-10 AWG		300V	20
No. 20-12 AWG		300V	10
0.5-4mm <sup>2</sup>	0.5-4mm <sup>2</sup>	275V	24/24 <sup>2)</sup>
6mm		9mm	9mm

**WK 4 E/U /VB**

fine-stranded	solid	V	A
0.5-4mm <sup>2</sup>	0.5-4mm <sup>2</sup>	400V/6kV/3	32
No. 22-10 AWG		300V	20
No. 20-12 AWG		300V	10
0.5-4mm <sup>2</sup>	0.5-4mm <sup>2</sup>	275V	24
6mm		9mm	9mm

**WK 4 E SL/U**

fine-stranded	solid	V	A
0.5-4mm <sup>2</sup>	0.5- 6mm <sup>2</sup>	500V/6kV/3 <sup>4)</sup>	5 <sup>5)</sup>
No. 22-12 AWG			
No. 22-10 AWG			
0.5-4mm <sup>2</sup>	0.5-6mm <sup>2</sup>		
6,2mm		9mm	9mm

**WK 4 E/U...**

fine-stranded	solid	V	A
0.5-4mm <sup>2</sup>	0.5-4mm <sup>2</sup>		
No. 22-10 AWG			
No. 20-12 AWG			

The multi-tier block is available on request as a function block for a wide variety of switching tasks.

	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
<b>Multi-tier block</b>	gray	WK 4 E/U	57.404.7055.0			100
<b>Multi-tier block, vert. connected</b>	black			WK 4 E/U/VB SCHWARZ	57.404.6955.1	100
<b>Multi-tier ground block</b>	green/yellow					
<b>Function block</b>	red					
<b>Function block</b>	orange					
<b>Accessories</b>						
1. Mounting rail TS 35, DIN rail 7.5mm high	L = 2m	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
Mounting rail TS 35, DIN rail, 15mm high	L = 2m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0
Mounting rail TS 32, G rail*	L = 2m	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0
2. End clamp with U-foot*	10mm wide	WE 1/U	25.523.5753.0	100	WE 1/U	25.523.5753.0
End clamp TS 35, with screw	8mm wide	9708/2 S 35	25.522.8553.0	100	9708/2 S 35	25.522.8553.0
End clamp TS 35, without screw	8mm wide	9708	25.522.7053.0	100	WEF 1/35	25.523.9353.0
3. End plate	gray	AP 4 E	07.311.4055.0	10	AP 4 E	07.311.4055.0
	blue					
4. Partition	gray	TW 4 E	07.311.5055.0	10	TW 4 E	07.311.5055.0
	blue					
5. Cross connector with screws	2 pole	9215-2	27.210.3227.0	50	9215-2	07.210.3227.0
	3 pole	9215-3	27.210.3327.0	50	9215-3	07.210.3327.0
	up to 6 pole	9215-6	27.210.3627.0	50	9215-6	07.210.3627.0
	2 pole	IVBS WK 4 E-2	27.256.4227.0	10	IVBS WK 4 E-2	27.256.4227.0
	up to 6 pole	IVBS WK 4 E-6	27.256.4627.0	10	IVBS WK 4 E-6	27.256.4627.0
	2 pole	IVB WK 4 E-2	27.255.2227.0	10	IVB WK 4 E-2	27.255.2227.0
	up to 6 pole	IVB WK 4 E-6	27.255.2627.0	10	IVB WK 4 E-6	27.255.2627.0
6. Partition plate with marking facility						
7. Single cover with marking facility		AD VB 4/15 GELB	04.326.2953.8	10	AD VB 4/15 GELB	04.326.2953.8
8. Cover with warning symbol over 4 blocks						

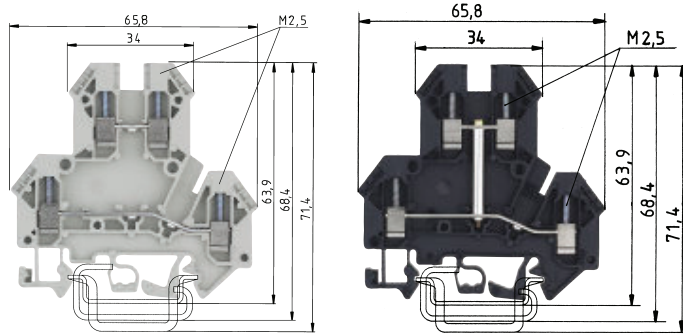
<sup>1)</sup> Please note the mounting instructions.  
<sup>2)</sup> With/without jumper  
<sup>3)</sup> With end plates 500 V/6 kV/3.  
<sup>4)</sup> Do not use in Ex environments.  
<sup>5)</sup> Ratings to adjacent feed-through blocks of the same series and size.  
<sup>6)</sup> For the current carrying capability of the mounting rail see AT catalog section **facts & DATA**.

Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
WK 4 E SL/U	57.504.9255.0	100	WK 4 E/U...	57.404.XX55.9	100
			WK 4 E/U...	57.404.XX55.5	100
			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 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	9006 EN 60715 G-32	98.190.0000.0	1
9006 EN 60715 G-32	98.190.0000.0	1	WE 1/U	25.523.5753.0	100
WE 1/U	25.523.5753.0	100	9708/2 S 35	25.522.8553.0	100
9708/2 S 35	25.522.8553.0	100	WEF 1/35	25.523.9353.0	100
9708	25.522.7053.0	100	AP 4 E	07.311.4055.0	10
			TW 4 E	07.311.5055.0	10
			IVBS WK 4 E-2	27.256.4227.0	10
			IVBS WK 4 E-6	27.256.4627.0	10
			IVB WK 4 E-2	27.255.2227.0	10
			IVB WK 4 E-6	27.255.2627.0	10
			AD VB 4/15 GELB	04.326.2953.8	10
AD VB 4/15 GELB	04.326.2953.8	10			

**Examples of functions**

Type	Part No.	Std. Pack
	57.404.8355.5	
	57.404.8055.9	400 V 1 A/1000 V
with inverted diode		
	57.404.8255.5	
	57.404.8155.9	400 V 1 A/1000 V
with inverted diode		
	57.404.7255.5 LED red	24 V DC R = 4,7 K 0,4 W
	57.404.8755.5 LED green	
	57.404.7455.9 LED red	24 V DC R = 4,7 K 0,4 W
	57.404.7955.5	
	57.404.8855.9	1 A/400 V
with inverted diodes		
	57.404.8455.5	42 V AC 1 A/1000 V R = 6,8 K 0,6 W
	57.404.6255.9	24 V DC 1 A R = 4,7 K 0,4 W

### Multi-tier feed-through block with screw connection



#### WKN 2,5 E/U

fine-stranded solid V A  
 0,5-2,5mm<sup>2</sup> 0,5-4mm<sup>2</sup> 500V/6kV/3 24  
 No. 22-12 AWG 600V 20/25  
 No. 24-12 AWG 600V 25  
 5mm 8mm

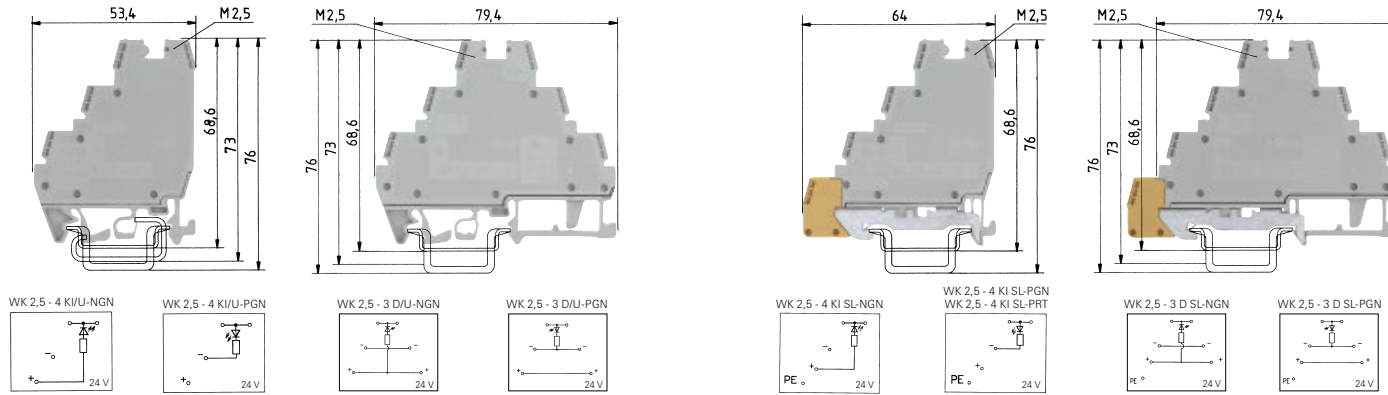
#### WKN 2,5 E/U/VB

fine-stranded solid V A  
 0,5-2,5mm<sup>2</sup> 0,5-4mm<sup>2</sup> 500V/6kV/3 24  
 No. 22-12 AWG 600V 20/25  
 No. 24-12 AWG 600V 25  
 5mm 8mm

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
<b>Multi-tier feed-through block</b>	gray	WKN 2,5 E/U	57.403.7055.0	100		
<b>Multi-tier feed-through block, connected</b>	black			WKN 2,5 E/U/VB	57.403.6955.1	100
<b>Accessories</b>						
1. Mounting rail TS 35, DIN rail 7.5mm high L = 2m	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 TS 35, DIN rail, 15mm high L = 2m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
Mounting rail TS 32, G rail L = 2m	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1
2. End clamp with U-foot 10mm wide	WE 1/U	25.523.5753.0	100	WE 1/U	25.523.5753.0	100
End clamp TS 35, with screw 8mm wide	9708/2 S 35	25.522.8553.0	100	9708/2 S 35	25.522.8553.0	100
End clamp TS 35, without screw 8mm wide	WEF 1/35	25.523.9353.0	100	WEF 1/35	25.523.9353.0	100
3. End plate gray	APN 2,5 E	07.312.1755.0	10	APN 2,5 E	07.312.1755.0	10
4. Partition blue	TWN 2,5 E	07.312.1855.0	10	TWN 2,5 E	07.312.1855.0	10
5. Cross connector with screws 2 pole insulated, for upper tier	IVB WK 2,5 - 2	27.280.2227.0	10	IVB WK 2,5 - 2	27.280.2227.0	10
3 pole insulated, for upper tier	IVB WK 2,5 - 3	27.280.2327.0	10	IVB WK 2,5 - 3	27.280.2327.0	10
up to 12 pole	IVB WK 2,5 - 12	27.280.3227.0	10	IVB WK 2,5 - 12	27.280.3227.0	10
Jumper comb 2 pole insulated, for lower tier						
up to 12 pole						
6. Partition plate with marking facility	TS 2,5 GELB	07.311.2053.8	10	TS 2,5 GELB	07.311.2053.8	10
7. Single cover with marking facility	AD VB 2,5 GELB	04.326.2053.8	10	AD VB 2,5 GELB	04.326.2053.8	10
8. Cover with warning symbol over 4 blocks		04.343.4756.8	10		04.343.4756.8	10
For more accessories see pages 62-79						
For marking systems see pages 72-77						

## Initiator blocks with screw connection



### WK 2,5-4 KI/U

fine-stranded solid	V	A
0.5-2.5mm <sup>2</sup> 0.5-4mm <sup>2</sup>	250V/4kV/3*	24
No. 22-12 AWG	300V*	25
No. 22-12 AWG	300V*	25
6mm		7mm
EPM		

### WK 2,5-3 D/U

fine-stranded solid	V	A
0.5-2.5mm <sup>2</sup> 0.5-4mm <sup>2</sup>	400V/6kV/3*	24
No. 22-12 AWG	300V*	25
No. 22-12 AWG	300V*	25
6mm		7mm
EPM		

### WK 2,5-4 KI/SL

fine-stranded solid	V	A
0.5-2.5mm <sup>2</sup> 0.5-4mm <sup>2</sup>	250V/4kV/3*	24
No. 22-12 AWG	300V*	25
No. 22-12 AWG	300V*	25
6mm		7mm
EPM		

### WK 2,5-3 D/SL

fine-stranded solid	V	A
0.5-2.5mm <sup>2</sup> 0.5-4mm <sup>2</sup>	400V/6kV/3*	24
No. 22-12 AWG	300V*	25
No. 22-12 AWG	300V*	25
6mm		7mm
EPM		

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

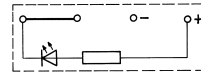
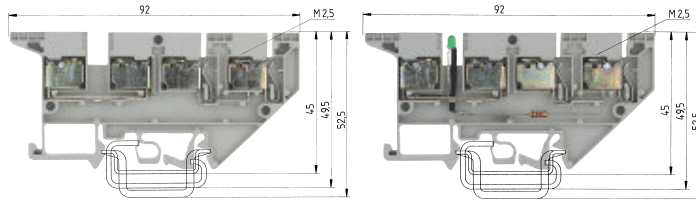
	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	
<b>Initiator block</b>	gray	WK 2,5 - 4 KI/U	57.503.7855.0				
<b>Multi-tier block</b>	gray			WK 2,5 - 3 D/U	57.503.8855.0	50	
with LED (green) between signal and plus	gray	WK 2,5 - 4 KI/U-NGN	57.503.7955.0	WK 2,5 - 3 D/U-NGN	57.503.8955.0	50	
with LED (green) between signal and minus	gray	WK 2,5 - 4 KI/U-PGN	57.503.8055.0	WK 2,5 - 3 D/U-PGN	57.503.9055.0	50	
with LED (red) between signal and minus	gray						
<b>Accessories</b>							
1. Mounting rail TS 35, DIN rail 7.5mm high	L = 2m	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 TS 35, DIN rail, 15mm high	L = 2m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
Mounting rail TS 32, G rail	L = 2m	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1
2. End clamp with U-foot	10mm wide	WE 1/U	25.523.5753.0	100	WE 1/U	25.523.5753.0	100
End clamp TS 35, with screw	8mm wide	9708/2 S 35	25.522.8553.0	100	9708/2 S 35	25.522.8553.0	100
End clamp TS 35, without screw	8mm wide	WEF 1/35	25.523.9353.0	100	WEF 1/35	25.523.9353.0	100
3. End plate	gray	TW 2,5 - 4 K/U	07.312.0555.0	10	TW 2,5 - 3 D/U	07.312.1255.0	50
	blue						
4. Cross connector with screws	2 pole				IVB WK/3D-02	Z7.270.0227.0	10
insulated	3 pole				IVB WK/3D-03	Z7.270.0327.0	10
	up to 12 pole				IVB WK/3D-12	Z7.270.1227.0	10
5. Jumper comb, elbowed	2 pole	IVB WK 2,5-K-2 ROT	Z7.267.0227.5	10	IVB WK 2,5-K-2 ROT	Z7.267.0227.5	10
insulated (red) for lower level	3 pole	IVB WK 2,5-K-3 ROT	Z7.267.0327.5	10	IVB WK 2,5-K-3 ROT	Z7.267.0327.5	10
	up to 12 pole	IVB WK 2,5-K-12 ROT	Z7.267.1227.5	10	IVB WK 2,5-K-12 ROT	Z7.267.1227.5	10
Jumper comb, elbowed	2 pole	IVB WK 2,5-K-2 BLAU	Z7.267.0227.6	10	IVB WK 2,5-K-2 BLAU	Z7.267.0227.6	10
insulated (blue) for lower level	3 pole	IVB WK 2,5-K-3 BLAU	Z7.267.0327.6	10	IVB WK 2,5-K-3 BLAU	Z7.267.0327.6	10
	up to 12 pole	IVB WK 2,5-K-12 BLAU	Z7.267.1227.6	10	IVB WK 2,5-K-12 BLAU	Z7.267.1227.6	10
For more accessories see pages 62-79							
For marking systems see pages 72-77							

\* The use of cross connectors (jumper combs), requires partitions in order to maintain the air and creepage distances.  
 \* 24 V- with LED

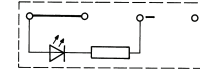
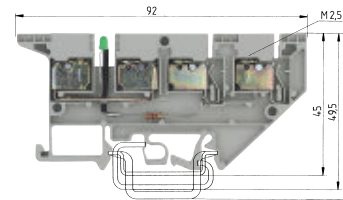
Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
WK 2,5 - 4 KI SL	56.503.7355.0	100			
			WK 2,5 - 3 D SL	56.503.8355.0	50
WK 2,5 - 4 KI SL-NGN	56.503.7455.0	100	WK 2,5 - 3 D SL-NGN	56.503.8455.0	50
WK 2,5 - 4 KI SL-PGN	56.503.7555.0	100	WK 2,5 - 3 D SL-PGN	56.503.8555.0	50
WK 2,5 - 4 KI SL-PRT	56.503.7655.0	100			
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
WE 1/U	25.523.5753.0	100	WE 1/U	25.523.5753.0	100
9708/2 S 35	25.522.8553.0	100	9708/2 S 35	25.522.8553.0	100
WEF 1/35	25.523.9353.0	100	WEF 1/35	25.523.9353.0	100
TW 2,5 - 4 K/U	07.312.0555.0	10	TW 2,5 - 3 D/U	07.312.1255.0	50
			IVB WK/3D-02	Z7.270.0227.0	10
			IVB WK/3D-03	Z7.270.0327.0	10
			IVB WK/3D-12	Z7.270.1227.0	10
IVB WK 2,5-K-2 ROT	Z7.267.0227.5	10	IVB WK 2,5-K-2 ROT	Z7.267.0227.5	10
IVB WK 2,5-K-3 ROT	Z7.267.0327.5	10	IVB WK 2,5-K-3 ROT	Z7.267.0327.5	10
IVB WK 2,5-K-12 ROT	Z7.267.1227.5	10	IVB WK 2,5-K-12 ROT	Z7.267.1227.5	10
IVB WK 2,5-K-2 BLAU	Z7.267.0227.6	10	IVB WK 2,5-K-2 BLAU	Z7.267.0227.6	10
IVB WK 2,5-K-3 BLAU	Z7.267.0327.6	10	IVB WK 2,5-K-3 BLAU	Z7.267.0327.6	10
IVB WK 2,5-K-12 BLAU	Z7.267.1227.6	10	IVB WK 2,5-K-12 BLAU	Z7.267.1227.6	10



## Initiator blocks with screw connection



Indicator: R = 2.2 K 0,35W  
Lamp color: green



Indicator: R = 2.2 K 0,35W  
Lamp color: green

EN 60947-7-1/DIN VDE 0611 T1

UL ratings Field/factory wiring

CSA ratings No. 22-12 AWG

Width 5mm Wire strip length 10mm

Approvals

### WK 2,5-4 KOI/U

fine-stranded solid	V	A
0.5-2.5mm <sup>2</sup> 0.5-4mm <sup>2</sup>	400 V/6kV/3	16*
No. 22-12 AWG	300V	20/30
No. 22-12 AWG	300V	25
5mm		10mm

### WK 2,5-4 KOI/U-NGN

fine-stranded solid	V	A
0.5-2.5mm <sup>2</sup> 0.5-4mm <sup>2</sup>	24DC	16*
No. 22-12 AWG	24V	20/30
No. 22-12 AWG	24V	25
5mm		10mm

### WK 2,5-4 KOI/U-PGN

fine-stranded solid	V	A
0.5-2.5mm <sup>2</sup> 0.5-4mm <sup>2</sup>	24DC	16*
No. 22-12 AWG	24V	20/30
No. 22-12 AWG	24V	25
5mm		10mm

	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
<b>Initiator block</b>	gray	WK 2,5-4 KOI/U	57.503.7055.0	50		
with LED (green) between signal and plus	gray			WK 2,5-4 KOI/U-NGN	57.503.7155.0	50
with LED (green) between signal and minus	gray					
<b>Accessories</b>						
1. Mounting rail TS 35, DIN rail 7.5mm high L = 2m	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 TS 35, DIN rail, 15mm high L = 2m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
Mounting rail TS 32, G rail L = 2m	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1
2. End clamp with U-foot 10mm wide	WE 1/U	25.523.5753.0	100	WE 1/U	25.523.5753.0	100
End clamp TS 35, with screw 8mm wide	9708/2 S 35	25.522.8553.0	100	9708/2 S 35	25.522.8553.0	100
End clamp TS 35, without screw 8mm wide	WEF 1/35	25.523.9353.0	100	WEF 1/35	25.523.9353.0	100
3. End plate gray	AP 2,5-4 KO	07.310.9355.0	50	AP 2,5-4 KO	07.310.9355.0	50
blue						
4. Partition gray	TW 2,5-4 KO	07.310.9455.0	50	TW 2,5-4 KO	07.310.9455.0	50
blue						
5. Cross connector with screws 2 pole	VB WK 2,5-2	27.280.0227.0	10			
for signal feed through 3 pole	VB WK 2,5-3	27.280.0327.0	10			
up to 6 pole	VB WK 2,5-6	27.280.0627.0	10			
Cross connector 2 pole	VB WK 2,5 KO-2	07.257.0227.0	100	VB WK 2,5 KO-2	07.257.0227.0	100
for voltage supply 3 pole	VB WK 2,5 KO-3	07.257.0327.0	100	VB WK 2,5 KO-3	07.257.0327.0	100
up to 20 pole	VB WK 2,5 KO-20	07.257.2027.0	50	VB WK 2,5 KO-20	07.257.2027.0	50
6. Partition plate with marking facility	TS 2,5 GELB	07.311.2053.8	10	TS 2,5 GELB	07.311.2053.8	10
7. Single cover with marking facility	AD VB 2,5 GELB	04.326.2053.8	10	AD VB 2,5 GELB	04.326.2053.8	10
8. Cover strip for cross connectors over 10 blocks	AD VB 5/10	04.342.0556.0	10	AD VB 5/10	04.342.0556.0	10
9. Tear-off marking strip, red, marked "+"	9705 A/5/10 B + ROT	04.855.0253.5	25	9705 A/5/10 B + ROT	04.855.0253.5	25
Tear-off marking strip, blue, marked "-"	9705 A/5/10 B - BLAU	04.855.0353.6	25	9705 A/5/10 B - BLAU	04.855.0353.6	25
For more accessories see pages 62-79						
For marking systems see pages 72-77						
* Feed-through 16 A						

Type	Part No.	Std. Pack
WK 2,5-4 KOI/U-PGN	57.503.7255.0	50
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
9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	25.523.5753.0	100
9708/2 S 35	25.522.8553.0	100
WEF 1/35	25.523.9353.0	100
AP 2,5-4 KO	07.310.9355.0	50
TW 2,5-4 KO	07.310.9455.0	50
VB WK 2,5 KO-2	07.257.0227.0	100
VB WK 2,5 KO-3	07.257.0327.0	100
VB WK 2,5 KO-20	07.257.2027.0	50
TS 2,5 GELB	07.311.2053.8	10
AD VB 2,5 GELB	04.326.2053.8	10
AD VB 5/10	04.342.0556.0	10
9705 A/5/10 B + ROT	04.855.0253.5	25
9705 A/5/10 B - BLAU	04.855.0353.6	25







## Fuse blocks with screw connection

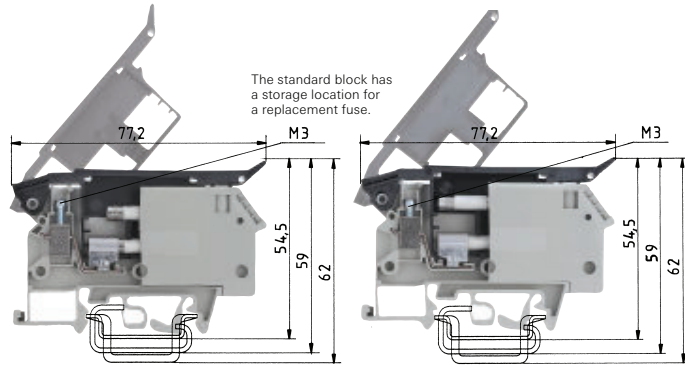
The fuse blocks of this type have a flip top disconnect lever. It accepts fine-wire fuses of 5x20, 5x25 and 5x30mm (terminal width: 8mm) or 6.3x32mm (terminal width: 10mm). The hinged lever has latch points both in the open and in the closed state, and can be sealed.

All terminal blocks are available in two different versions, i.e. with or without red LEDs functioning as indicators.

<sup>1)</sup> When selecting G fuse inserts, make sure that the specified maximum power loss is not exceeded. The current is determined by the inserted fuse.

<sup>2)</sup> The voltage range is determined by the built-in LED display. Depending on the application and the installation method, the circumstances for increased temperature must be checked in the closed fuse holders. Higher ambient temperatures are an additional load for the fuse inserts. Therefore, the reduction of the rated current must be considered accordingly in these applications.

<sup>1)</sup> Maximum power loss at 23°C ambient temperature (according to DIN EN 60947-7-3)



for 5 mm fine-wire fuses

for 6,3 mm fine-wire fuses

Type	Rated-voltage	Overload protection		Exclusive short-circuit protection	
		Single arrangement	Group arrangement	Single arrangement	Group arrangement
THSi 5x20/25	250 V	1.6 W	1.6 W	4.0 W	2.5 W
THSi 6,3x32	500 V	2.5 W	2.5 W	4.0 W	2.5 W
THSi 5x30	500 V	1.6 W	1.6 W	4.0 W	2.5 W

### WK 4 THSi 5... /U

fine-stranded	solid	V	A
0.5-4mm <sup>2</sup>	0.5-6mm <sup>2</sup>	800V/8kV/3 <sup>2)</sup>	6.3 <sup>1)</sup>
No. 22-10 AWG		600V <sup>2)</sup>	15
No. 22-10 AWG		600V <sup>2)</sup>	6.3
	8mm		10mm

### WK 4 THSi 6,3... /U

fine-stranded	solid	V	A
0.5-4mm <sup>2</sup>	0.5-6mm <sup>2</sup>	800V/8kV/3 <sup>2)</sup>	10 <sup>1)</sup>
No. 22-10 AWG		600V <sup>2)</sup>	15
No. 22-10 AWG		600V <sup>2)</sup>	10
	10mm		8mm

EN 60947-7-1, EN 60127-6

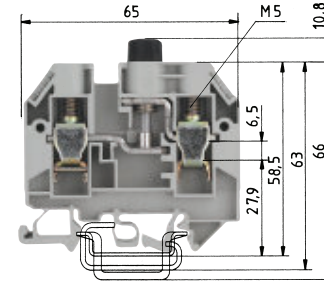
UL ratings Field/factory wiring

CSA ratings Wire strip length

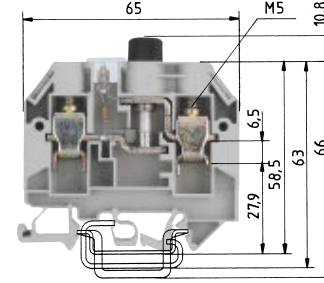
Width 8mm

Approvals

Fuse block	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
gray	WK 4/THSi 5... U	57.904.5355.0	50	WK 4/THSi 6,3... U	57.904.6355.0	50
- with LED 5-12V-/- current consumed. 2.3-7mA	WK 4/THSi 5 LED 12 U	57.904.5455.0	50	WK 4/THSi 6,3 LED 12 U	57.904.6455.0	50
- with LED 12-24V-/- current consumed. 2.8-6.2mA	WK 4/THSi 5 LED 24 U	57.904.5555.0	50	WK 4/THSi 6,3 LED 24 U	57.904.6555.0	50
- with LED 24-60V-/- current consumed. 1.5-4mA	WK 4/THSi 5 LED 60 U	57.904.5655.0	50	WK 4/THSi 6,3 LED 60 U	57.904.6655.0	50
- with GL 110-250V-/- current consumed. 0.13-0.55mA	WK 4/THSi 5 GL 250 U	57.904.5755.0	50	WK 4/THSi 6,3 GL 250 U	57.904.6755.0	50
- with GL 380-500V-/- current consumed. 0.2-0.3mA	WK 4/THSi 5 GL 500 U	57.904.5855.0	50	WK 4/THSi 6,3 GL 500 U	57.904.6855.0	50
Feed-through block, same dimensions as fuse block	gray					
Accessories						
1. Mounting rail TS 35, DIN rail 7.5mm high L = 2m	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 TS 35, DIN rail, 15mm high L = 2m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
Mounting rail TS 32, G rail L = 2m	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1
2. End clamp with U-foot 10mm wide	WE 1/U	25.523.5753.0	100	WE 1/U	25.523.5753.0	100
End clamp TS 35, with screw 8mm wide	9708/2 S 35	25.522.8553.0	100	9708/2 S 35	25.522.8553.0	100
End clamp TS 35, without screw 8mm wide	WEF 1/35	25.523.9353.0	100	WEF 1/35	25.523.9353.0	100
3. End plate gray						
4. Cross connector with screws 2 pole						
3 pole						
up to 6 pole						
5. Transparent block cover (for 1 block)						
For more accessories see pages 62-79						
For marking systems see pages 72-77						

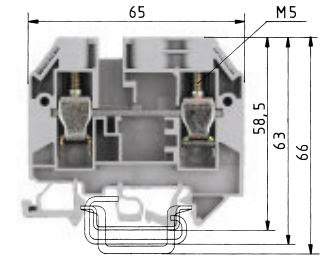


\*1) Voltage and current are determined by the built-in LED and the inserted G-fuse.



\*1) Voltage and current are determined by the built-in indicator and the inserted G-fuse.

Type	Overload protection		Exclusive short-circuit protection	
	Single arrangement	Group arrangement	Single arrangement	Group arrangement
WK 10/Si U 5x20	4.0W/6.3A	2.5W/6.3A	4.0W/6.3A	4.0W/6.3A
WK 10/Si U 6.3x32	4.0W/10A	2.5W/2.5A	4.0W/10A	2.5W/2.5A
WK 10/Si U 5x25	4.0W/6.3A	2.5W/6.3A	4.0W/6.3A	4.0W/6.3A
WK 10/Si U 5x30	4.0W/6.3A	2.5W/6.3A	4.0W/6.3A	4.0W/6.3A



### WK 10/Si ... /U

fine-stranded	solid/stranded	V	A
1.0-10mm <sup>2</sup>	1.0-16mm <sup>2</sup>	500V/6kV/3 <sup>*)</sup>	10 <sup>*)</sup>
No. 22-6 AWG		600V <sup>*)</sup>	15
No. 16-6 AWG		600V <sup>*)</sup>	max. 15
	12mm		13mm

### WK 10/Si ... /U mit Kennmelder

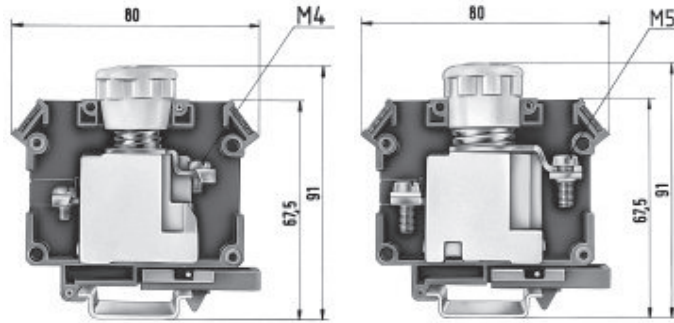
fine-stranded	solid/stranded	V	A
1.0-10mm <sup>2</sup>	1.0-16mm <sup>2</sup>	500V/6kV/3 <sup>*)</sup> max.10 <sup>*)</sup>	10-10mm <sup>2</sup>
No. 22-6 AWG		600V <sup>*)</sup>	15
No. 16-6 AWG		600V <sup>*)</sup>	max. 15
	12mm		13mm

### WK 10/Si U D

fine-stranded	solid/stranded	V	A
1.0-10mm <sup>2</sup>	1.0-16mm <sup>2</sup>	500V/6kV/3	57
No. 22-6 AWG		600 V	50
No. 16-6 AWG		600 V	65
	12mm		13mm

Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
WK 10/Si U 5 x 20	57.910.5055.0	50	WK 10/Si U 5 x 20M, NGL	57.910.5455.0	50			
WK 10/Si U 5 x 25	57.910.5155.0	50	WK 10/Si U 5 x 20M, GLB	57.910.5855.0	50			
WK 10/Si U 5 x 30	57.910.5255.0	50	WK 10/Si U 6.3 x 32M, NGL	57.910.5755.0	50			
WK 10/Si U 6.3 x 32	57.910.5355.0	50	WK 10/Si U 6.3 x 32M, GLB	57.910.6155.0	50			
						WK 10/Si U D	57.910.4955.0	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
9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	25.523.5753.0	100	WE 1/U	25.523.5753.0	100	WE 1/U	25.523.5753.0	100
9708/2 S 35	25.522.8553.0	100	9708/2 S 35	25.522.8553.0	100	9708/2 S 35	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
AP 10/Si	07.311.4155.0	10	AP 10/Si	07.311.4155.0	10	AP 10/Si	07.311.4155.0	10
VB WK 10/Si-2	Z7.287.0227.0	10	VB WK 10/Si-2	Z7.287.0227.0	10	VB WK 10/Si-2	Z7.287.0227.0	10
VB WK 10/Si-3	Z7.287.0327.0	10	VB WK 10/Si-3	Z7.287.0327.0	10	VB WK 10/Si-3	Z7.287.0327.0	10
VB WK 10/Si-6	Z7.287.0627.0	10	VB WK 10/Si-6	Z7.287.0627.0	10	VB WK 10/Si-6	Z7.287.0627.0	10
	04.312.2056.0	100		04.312.2056.0	100		04.312.2056.0	100
*1) VDE	CSA	UL	*1) VDE	CSA	UL			
57.910.5055.0	250V-	600V	57.910.5455.0	110 - 250V-	500V	Indicator red	28V-	28V
						Current consumed 0.16 - 0.8mA		
57.910.5155.0	250V-	600V	57.910.5855.0	28V-	28V	Indicator yellow	28V-	28V
						Current consumed 24mA		
57.910.5255.0	500V-	600V	57.910.5755.0	110 - 500V-	500V	Indicator red	28V-	28V
						Current consumed 0.16 - 0.8mA		
57.910.5355.0	500V-	600V	57.910.6155.0	28V-	28V	Indicator yellow	28V-	28V
						Current consumed 24mA		
Screw cap made from thermoset type 131 and silver-plated brass								

## Fuse blocks with screw connection



\*1 Current and voltage are determined by the fuse

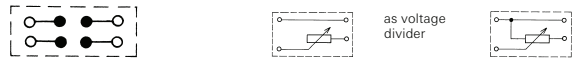
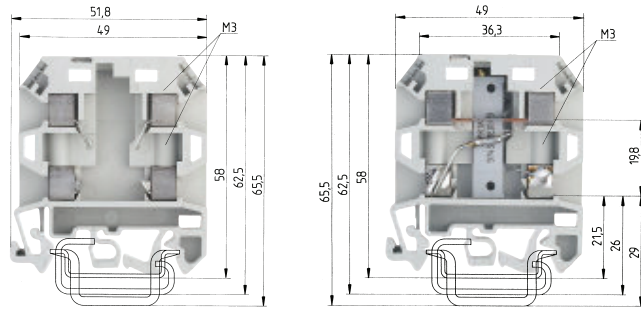
	9700 B/30 Si E 14/S 35			2 – 16 A		9700 B/30 Si E 18/S 35			2-63 A	
	fine-stranded	solid	V	A	fine-stranded	solid/stranded	V	A	fine-stranded	solid/stranded
UL ratings	1.5-4mm <sup>2</sup>	1.5-4mm <sup>2</sup>	400V~*)	16*)	1.5-25mm <sup>2</sup>	1.5-25mm <sup>2</sup>	400V~*)	63*)	1.5-25mm <sup>2</sup>	1.5-25mm <sup>2</sup>
Field/factory wiring				10mm						
Width	30mm			30mm	30mm			12mm		
Approvals	☉			☉	☉			☉		

DIN VDE 0636  
UL ratings  
CSA ratings  
Width  
Approvals

Fuse block	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
	9700 B/30 Si E 14/S 35	56.904.4055.0	20	9700 B/30 Si E 18/S 35	56.925.4055.0	20
<b>Accessories</b>						
1. Mounting rail TS 35, DIN rail 7.5 mm 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 TS 35, DIN rail, 15 mm 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
Mounting rail TS 32, G rail L = 2 m						
2. End clamp with U-foot 10 mm wide	WE 1/U	25.523.5753.0	100	WE 1/U	25.523.5753.0	100
End clamp TS 35, with screw 8 mm wide	9708/2 S 35	25.522.8553.0	100	9708/2 S 35	25.522.8553.0	100
End clamp TS 35, without screw 8 mm wide	WEF 1/35	25.523.9353.0	100	WEF 1/35	25.523.9353.0	100
3. NEOZED® adapter sleeve						
	2 A – pink	05.595.9200.0	50		05.595.5900.0	50
	4 A – brown	05.595.9300.0	50		05.595.6000.0	50
	6 A – green	05.595.9400.0	50		05.595.6100.0	50
	10 A – red	05.595.9500.0	50		05.595.6200.0	50
	16 A – gray				05.595.6300.0	50
	20 A – blue				05.595.6400.0	50
	25 A – yellow				05.595.6500.0	50
	35 A – black				05.595.6600.0	50
	50 A – white				05.595.6700.0	50
4. Retaining clip					05.549.0500.0	1
5. Cover cap		04.326.1053.0	100		04.326.1053.0	100
6. Jumper comb	6 pole				07.250.3027.0	25
	10 pole				07.250.3127.0	10
For more accessories see pages 62-79						
For marking systems see pages 72-77						
NEOZED® = registered trademark of Siemens AG						

## Function blocks with screw connection

Electrical specifications for the compensating terminal.  
 Resistor range: 0.25Ω bis 100Ω  
 Resistor tolerance: ± 10%  
 Resistor range: 100Ω bis 50kΩ  
 Resistor tolerance: ± 20%  
 Limited continuous resistance value:  
 0.75V bis 70°C  
 Max. load: 100mA  
 Temperature coefficient: 0 bis +500 ppm/°C  
 Max. operating voltage: 300V

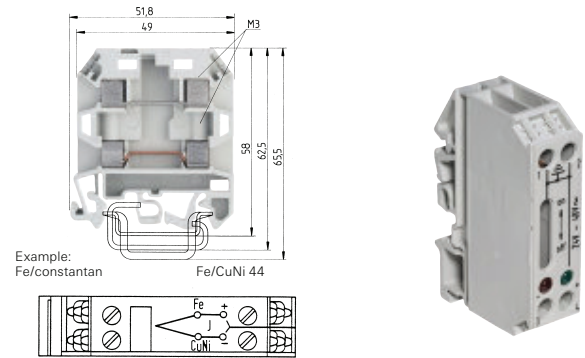


**9786 U/12**  
 fine-stranded solid V A  
 0.5-2.5mm<sup>2</sup> 0.5-2.5mm<sup>2</sup> 800V/8kV/3\*) 24\*)  
 No. 22-14 AWG 300 V 6  
 12 mm 9 mm 12 mm 9 mm

**9785 U/... - SPT**  
 fine-stranded solid V A  
 0.5-2.5mm<sup>2</sup> 0.5-2.5mm<sup>2</sup> see description  
 No. 22-14 AWG 300 V 6  
 12 mm 9 mm 12 mm 9 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
<b>Function blocks, empty</b>						
	9786 U/12	57.904.2055.0	50			
with bridge rectifier B380 C1500	9786 U/12 G4	57.904.2555.0	50			
with optocoupler CNY 17/3	9786 U/12 OPK	57.904.2855.0	50			
<b>Compensating terminal</b> gray	10 Ω			9785 U/10 Ω	57.904.0055.0	50
with potentiometer	20 Ω			9785 U/20 Ω	57.904.0155.0	50
	50 Ω			9785 U/50 Ω	57.904.0255.0	50
	100 Ω			9785 U/100 Ω	57.904.0355.0	50
	200 Ω			9785 U/200 Ω	57.904.0455.0	50
	510 Ω			9785 U/500 Ω	57.904.0555.0	50
	1 kΩ			9785 U/1 kΩ	57.904.0655.0	50
	2 kΩ			9785 U/2 kΩ	57.904.0755.0	50
	5 kΩ			9785 U/5 kΩ	57.904.0855.0	50
	10 kΩ			9785 U/10 kΩ	57.904.0955.0	50
	20 kΩ			9785 U/20 kΩ	57.904.1055.0	50
	50 kΩ			9785 U/50 kΩ	57.904.1155.0	50
<b>Compensating terminal</b> gray	10 Ω			9785 U/10 Ω-SPT	57.904.3955.0	50
with potentiometer as voltage divider	20 Ω			9785 U/20 Ω-SPT	57.904.4155.0	50
	50 Ω			9785 U/50 Ω-SPT	57.904.4255.0	50
	100 Ω			9785 U/100 Ω-SPT	57.904.4355.0	50
	200 Ω			9785 U/200 Ω-SPT	57.904.4455.0	50
	510 Ω			9785 U/500 Ω-SPT	57.904.4555.0	50
	1 kΩ			9785 U/1 kΩ-SPT	57.904.4655.0	50
	2 kΩ			9785 U/2 kΩ-SPT	57.904.4755.0	50
	5 kΩ			9785 U/5 kΩ-SPT	57.904.4855.0	50
	10 kΩ			9785 U/10 kΩ-SPT	57.904.4955.0	50
	20 kΩ			9785 U/20 kΩ-SPT	57.904.5055.0	50
	50 kΩ			9785 U/50 kΩ-SPT	57.904.5155.0	50
<b>Thermocouple terminal</b> type T-Cu/CuNi 44						
Thermocouple terminal type E-NiCr/CuNi 44						
Thermocouple terminal type J-Fe/CuNi 44						
Thermocouple terminal type K-NiCr/Ni						
Thermocouple terminal type R-PtRh 13/Pt						
<b>Ground disconnect</b> 24 - 48V≅ with LED						
Ground disconnect 110-220V≅ with indicator lamp						



Example:  
 Fe/constantan Fe/CuNi 44  
 fully enclosed design  
 \*) to the adjacent terminal block type 9786 U/...

**9786 U/TSK...**  
 fine-stranded solid V A  
 0.5-2.5mm<sup>2</sup> 0.5-2.5mm<sup>2</sup> 800V/8kV/3\*)  
 12 mm 9 mm

**9760 U/8 TKE...**  
 fine-stranded solid/stranded V A  
 1.0-10mm<sup>2</sup> 1.0-10mm<sup>2</sup> 24-48V/110-220V 30  
 No. 18-8 AWG 48V/220V 25  
 No. 18-8 AWG 48V/220V 25  
 17.5 mm 9 mm

Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
9786 U/TSK Cu-CuNi	57.904.7355.0	50			
9786 U/TSK NiCr-CuNi	57.904.7055.0	50			
9786 U/TSK Fe-CuNi	57.904.7155.0	50			
9786 U/TSK NiCr-Ni	57.904.7255.0	50			
9786 U/TSK E-Cu-A-Cu	57.904.7455.0	50			
			9760 U/8 TKE 48	57.110.1655.0	25
			9760 U/8 TKE 220	57.110.1555.0	25

EN60204 part 1/DINVDE0113 part 1 "Fitting industrial machines with electrical equipment". 9.4.3.1. Protection against unintentional start-up caused by ground faults.

Ground faults in control circuits may not cause an unintentional start-up, dangerous movements by the machine, or prevent the machine from stopping. During normal operation the auxiliary circuit is connected to the functional ground and the green (24-48V) or yellow (110-220V) status display is illuminated.

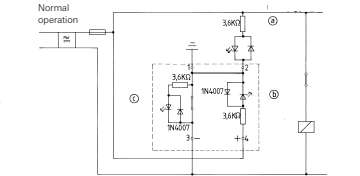
If a low resistance ground fault occurs, the line fuse will blow.

Once the contact separator is open, you can replace the fuse.

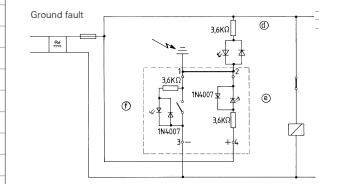
The illumination of the red lamp alone indicates an ground fault.

After the fault had been rectified, the green (24-48V) or yellow (110-220V) display will also light up. The contacts should now be moved to the "on" position as a result of which the red lamp will go out. The illumination of the yellow or green lamp and external display indicates that the auxiliary circuit has been reconnected to the functional ground.

### Ground Disconnect terminal with LED 24-48V≅

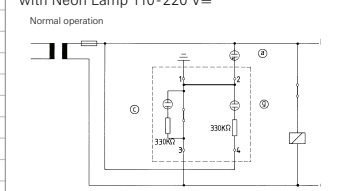


- Ⓐ external status display lights up
- Ⓑ green status display lights up
- Ⓒ red ground-fault indicator lights up

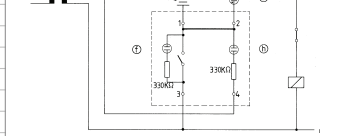


- Ⓐ external status display lights up
- Ⓑ green status display lights up
- Ⓒ red ground-fault indicator lights up

### Ground Disconnect terminal with Neon Lamp 110-220V≅



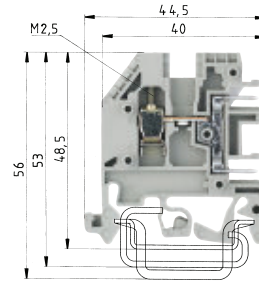
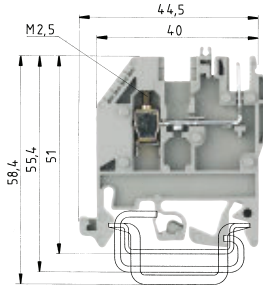
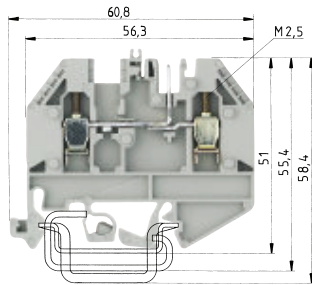
- Ⓐ yellow status display lights up



- Ⓐ yellow indicator light not flashing



## Feed-through blocks with *wiecon* pluggable connection



For PC board terminal type

Type 8113 B  
Type 8313 B  
Type 8113 B/VL  
Type 8113 B/VR  
Type 8113 B/Top

### WK 2,5 U/D/8113 S/V

fine-stranded solid V A  
0.5-2.5 mm<sup>2</sup> 0.5-4 mm<sup>2</sup> 250 V/4 kV/3 12  
No. 22-12 AWG 300 V 15  
No. 24-12 AWG 300 V 15  
Width 5 mm 9 mm  
Approvals

### WK 2,5 U/8113 S/V

fine-stranded solid V A  
0.5-2.5 mm<sup>2</sup> 0.5-4 mm<sup>2</sup> 250 V/4 kV/3 12  
No. 22-12 AWG 300 V 15  
No. 24-12 AWG 300 V 15  
Width 5 mm 9 mm  
Approvals

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
<b>Feed-through block</b>	gray	WK 2,5 U/D/8113 S/V...	57.503.2155.0	50	WK 2,5 U/8113 S/V...	57.503.2655.0
<b>Power block</b>	gray	WK 2,5 U/D/8113 S/V/VK	57.503.2555.6	50	WK 2,5 U/8113 S/V/VK	57.503.3055.6
<b>Feed-through block, with LED 25V</b>	gray	WK 2,5 U/D/8113 S/V/LED 25	57.503.2255.0	50	WK 2,5 U/8113 S/V/LED 25	57.503.2755.0
<b>Feed-through block, with LED 50V</b>	gray	WK 2,5 U/D/8113 S/V/LED 50	57.503.2355.0	50	WK 2,5 U/8113 S/V/LED 50	57.503.2855.0
<b>Accessories</b>						
1. Mounting rail TS 35, DIN rail 7.5 mm 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
Mounting rail TS 35, DIN rail, 15 mm 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
Mounting rail TS 32, G rail	L = 2 m	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0
2. End clamp with U-foot	10 mm wide	WE 1/U	25.523.5753.0	100	WE 1/U	25.523.5753.0
End clamp TS 35, with screw	8 mm wide	9708/2 S 35	25.522.8553.0	100	9708/2 S 35	25.522.8553.0
End clamp TS 35, without screw	8 mm wide	WEF 1/35	25.523.9353.0	100	WEF 1/35	25.523.9353.0
3. End plate	gray	AP 2,5 U/D/8113 S/V	07.311.9055.0	10	AP 2,5 U/8113 S/V	07.312.1555.0
	blue				AP 2,5 U/8113	07.312.4655.0
4. Spacer	2.5 mm thick	ZP 2,5 U/D/8113 S/V	07.311.9155.0	10	ZP 2,5 U/8113 S/V	07.312.1655.0
for <i>wiecon</i> PC board connector with spacing 7,5 mm						
5. Cross connector with screws	2 pole	IVB WK 2,5-2	27.280.2227.0	10	IVB WK 2,5-2	27.280.2227.0
insulated	3 pole	IVB WK 2,5-3	27.280.2327.0	10	IVB WK 2,5-3	27.280.2327.0
	12 pole	IVB WK 2,5-12	27.280.3227.0	10	IVB WK 2,5-12	27.280.3227.0
6. Connection rail, tin-plated brass <sup>1)</sup>	L = 0,4 m		05.561.4115.0	1		05.561.4115.0
7. Partition plate with marking facility		TS 2,5 GELB	07.311.2053.8	10	TS 2,5 GELB	07.311.2053.8
8. Single cover with marking facility		AD VB 2,5 GELB	04.326.2053.8	10	AD VB 2,5 GELB	04.326.2053.8
9. Cover strip for PCB terminal	24 pole		04.343.9056.8	10		04.343.9056.8
with warning symbol	24 pole		04.343.9156.8	10		04.343.9156.8
Cover strip for LED (transparent)	10 pole	AD VB 5/10 P	04.342.3556.8	10		
10. Coding strip			05.561.0053.0	100		05.561.0053.0
11. Locking piece	10 pole					
For more accessories see pages 62-79						
For marking systems see pages 72-77						
<sup>1)</sup> For jumpering the negative potential for the LED blocks						

### WK 2,5 U/D/8113 S/H

fine-stranded solid V A  
0.5-2.5 mm<sup>2</sup> 0.5-4 mm<sup>2</sup> 250 V/4 kV/3 12  
No. 22-12 AWG 300 V 20  
No. 24-12 AWG 300 V 15  
Width 5 mm 9 mm  
Approvals

### Typ 8113 B/..., 8313 B/...

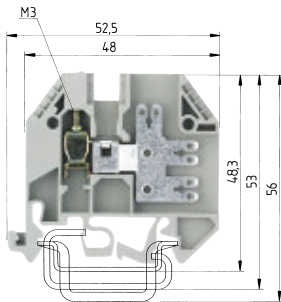
Mating orientation with the wire  
fine-stranded solid V A  
0.5-2.5 mm<sup>2</sup> 0.5-4 mm<sup>2</sup> 250 V/400 V 12  
No. 22-12 AWG 300 V 20  
No. 24-12 AWG 300 V 15  
Width 5 mm 9 mm  
Approvals

### Typ 8113 B/..., 8313 B/...

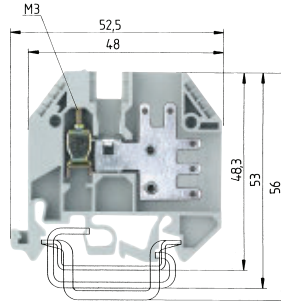
Mating orientation 90° towards the wire  
fine-stranded solid V A  
0.5-2.5 mm<sup>2</sup> 0.5-4 mm<sup>2</sup> 250 V/400 V 12  
No. 22-12 AWG 300 V 15  
No. 24-12 AWG 300 V 15  
Width 5 mm 9 mm  
Approvals

Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
WK 2,5 U/8113 S/H	57.503.2055.0	100	<b>Spacing 5.00 mm</b>			<b>Spacing 5.00 mm</b>		
			<b>Rated voltage 250 V</b>			<b>Rated voltage 250 V</b>		
			Unmarked			Unmarked		
			8113 B/2 0B	25.320.3253.0	2	8113 B/2 VR 0B	25.325.3253.0	2
			to			to		
			8113 B/16 0B	25.320.4653.0	16	8113 B/16 VR 0B	25.325.4653.0	16
35 x 27 x 7,5 EN 60715	98.300.0000.0	1	Marked with 1- x			Marked with 1- x		
35 x 24 x 15 EN 60715	98.360.0000.0	1	8113 B/2	25.320.0253.0	2	8113 B/2	25.325.0253.0	2
9006 EN 60715 G-32	98.190.0000.0	1	to			to		
WE 1/U	25.523.5753.0	100	8113 B/16	25.320.1653.0	16	8113 B/16	25.325.1653.0	16
9708/2 S 35	25.522.8553.0	100						
WEF 1/35	25.523.9353.0	100						
AP 2,5 U/8113 S/H	07.311.9855.0	10	<b>Spacing 7.50 mm</b>			<b>Spacing 7.50 mm</b>		
			<b>Rated voltage 400 V</b>			<b>Rated voltage 400 V</b>		
			Unmarked			Unmarked		
			8313 B/2 0B	25.360.3253.0	2			
IVB WK 2,5-2	27.280.2227.0	10	to					
IVB WK 2,5-3	27.280.2327.0	10	8313 B/12 0B	25.360.4253.0	12			
IVB WK 2,5-12	27.280.3227.0	10						
			Marked with 1- x					
TS 2,5 GELB	07.311.2053.8	10	8313 B/2	25.360.0253.0	2			
AD VB 2,5 GELB	04.326.2053.8	10	to					
			8313 B/12	25.360.1253.0	12			
	05.584.0053.0	100						
	05.576.5853.0	25	Accessories:			Accessories:		
			Coding piece	05.561.9153.0		Coding piece	05.561.9153.0	
			For additional pluggable blocks, see <i>wiecon</i> product family			For additional pluggable blocks, see <i>wiecon</i> product family		

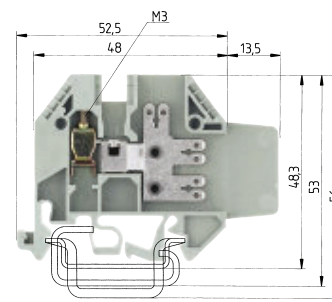
## Feed-through blocks with screw/push-on connection



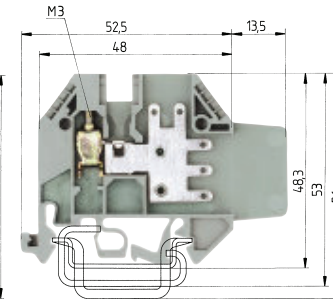
Push-on connectors 2.8x0.8 according to DIN 46247  
Push-on connectors 6.3x0.8 according to DIN 46247



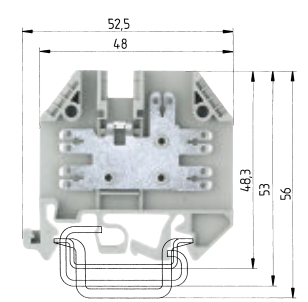
Push-on connectors 2.8x0.8 according to DIN 46247



Push-on connectors 2.8x0.8 according to DIN 46247  
Push-on connectors 6.3x0.8 according to DIN 46247



Push-on connectors 2.8x0.8 according to DIN 46247



Push-on connectors 2.8x0.8 according to DIN 46247  
Push-on connectors 6.3x0.8 according to DIN 46247

### WK 4 3-6 S 1 K/U

fine-stranded solid	V	A
0.5-4mm <sup>2</sup> 0.5-6mm <sup>2</sup>	800 V/8 kV/3	20*
No. 22-12 AWG	300 V	10
No. 22-12 AWG	300 V	10
6mm	9mm	9mm

### WK 4 5 S 2,8 1 K/U

fine-stranded solid	V	A
0.5-4mm <sup>2</sup> 0.5-6mm <sup>2</sup>	800 V/8 kV/3	20*
No. 22-12 AWG	300 V	10
No. 22-12 AWG	300 V	10
6mm	9mm	9mm

Ratings for use of insulating sleeves  
EN 60947-7-1, EN 61210  
UL ratings Field/factory wiring  
CSA ratings  
Width Wire strip length  
Approvals



### WK 4-3-6 S 1 K/IW/U

fine-stranded solid	V	A
0.5-4mm <sup>2</sup> 0.5-6mm <sup>2</sup>	800 V/8 kV/3	20*
No. 22-12 AWG	600 V	10
No. 22-12 AWG	300 V	10
6mm	9mm	9mm

### WK 4-5 S 2,8 1 K/IW/U

fine-stranded solid	V	A
0.5-4mm <sup>2</sup> 0.5-6mm <sup>2</sup>	800 V/8 kV/3	20*
No. 22-12 AWG	600 V	10
No. 22-12 AWG	300 V	10
6mm	9mm	9mm

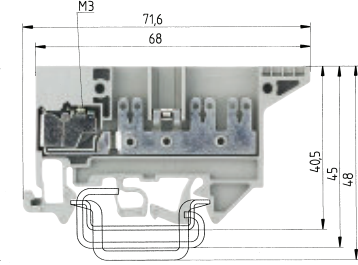
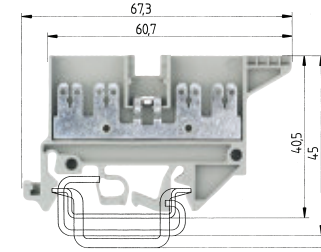
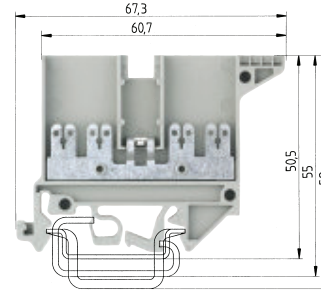
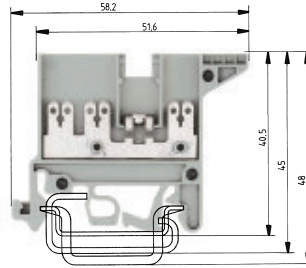
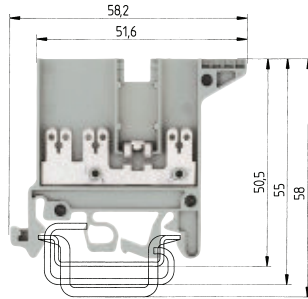
### WK/5-10 S/U

fine-stranded solid	V	A
0.5-4mm <sup>2</sup> 0.5-6mm <sup>2</sup>	800 V/8 kV/3	20*
No. 22-12 AWG	300 V	10
No. 22-12 AWG	300 V	10
6mm	9mm	9mm

	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	
<b>Feed-through block with push-on connection</b>	gray	WK 4 3-6 S 1 K/U	57.504.3755.0	100	WK 4 5 S 2,8 1 K/U	57.504.3855.0	100
<b>Accessories</b>							
1. Mounting rail TS 35, DIN rail 7.5mm high L = 2m	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 TS 35, DIN rail, 15mm high L = 2m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1	
Mounting rail TS 32, G rail L = 2m	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1	
2. End clamp with U-foot 10mm wide	WE 1/U	25.523.5753.0	100	WE 1/U	25.523.5753.0	100	
End clamp TS 35, with screw 8mm wide	9708/2 S 35	25.522.8553.0	100	9708/2 S 35	25.522.8553.0	100	
End clamp TS 35, without screw 8mm wide	WEF 1/35	25.523.9353.0	100	WEF 1/35	25.523.9353.0	100	
3. End plate gray	AP4 3 S 1 K	07.311.3855.0	10	AP4 3 S 1 K	07.311.3855.0	10	
blue							
4. Cross connector with screws 2 pole	IVB WK 4-2	27.281.1227.0	10	IVB WK 4-2	27.281.1227.0	10	
insulated 3 pole	IVB WK 4-3	27.281.1327.0	10	IVB WK 4-3	27.281.1327.0	10	
up to 12 pole	IVB WK 4-12	27.281.2227.0	10	IVB WK 4-12	27.281.2227.0	10	
5. Partition plate with marking facility	TS 4 GELB	07.311.2153.8	10	TS 4 GELB	07.311.2153.8	10	
6. Single cover with marking facility	AD VB 4 GELB	04.326.2153.8	10	AD VB 4 GELB	04.326.2153.8	10	
7. Insulating sleeve for tab connector							
for H0. V-K 1.5mm <sup>2</sup> yellow		05.592.7553.0	2000		05.592.7553.0	2000	
for H0. V-K 2.5mm <sup>2</sup> yellow		05.592.7653.0	2000		05.592.7653.0	2000	
For more accessories see pages 62-79							
For marking systems see pages 72-77							
** Current carrying capability according to DIN 46249							

Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
WK 4 3-6 S 1 K/IW/U	57.504.2755.0	100	WK 4 5 S 2,8 1 K/IW/U	57.504.2855.0	100	WK/5-10 S/U	57.504.3655.0	100
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
9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	25.523.5753.0	100	WE 1/U	25.523.5753.0	100	WE 1/U	25.523.5753.0	100
9708/2 S 35	25.522.8553.0	100	9708/2 S 35	25.522.8553.0	100	9708/2 S 35	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
AP4 3 S 1 K	07.311.3855.0	10	AP4 3 S 1 K	07.311.3855.0	10	AP 5 S	07.311.4655.0	10
IVB WK 4-2	27.281.1227.0	10	IVB WK 4-2	27.281.1227.0	10	IVB WKI 4-2	27.271.4227.0	10
IVB WK 4-3	27.281.1327.0	10	IVB WK 4-3	27.281.1327.0	10	IVB WKI 4-3	27.271.4327.0	10
IVB WK 4-12	27.281.2227.0	10	IVB WK 4-12	27.281.2227.0	10	IVB WKI 4-12	27.271.5227.0	10
TS 4 GELB	07.311.2153.8	10	TS 4 GELB	07.311.2153.8	10	TS 4 GELB	07.311.2153.8	10
AD VB 4 GELB	04.326.2153.8	10	AD VB 4 GELB	04.326.2153.8	10	AD VB 4 GELB	04.326.2153.8	10
	05.592.7553.0	2000		05.592.7553.0	2000		05.592.7553.0	2000
	05.592.7653.0	2000		05.592.7653.0	2000		05.592.7653.0	2000

## Distribution terminals with screw/push-on connection



Current carrying capability in accordance with DIN 46249  
 Tab connector 2.8 10 A  
 6.3 20 A

Push-on connectors 2.8x0.8 according to DIN 46247  
 Push-on connectors 6.3x0.8 according to DIN 46247

Push-on connectors 2.8x0.8 according to DIN 46247  
 Push-on connectors 6.3x0.8 according to DIN 46247

Ratings for use of insulating sleeves  
 EN 60947-7-1, EN 61210  
 UL ratings Field/factory wiring  
 CSA ratings  
 Width Wire strip length  
 Approvals

WK/3-6 S/IW/U		V	A
fine-stranded solid			
0.5-4mm <sup>2</sup>	0.5-6mm <sup>2</sup>	800 V/8 kV/3	20
		600 V	10
No. 22-12 AWG		300 V	10
6mm			
UL CE			

WK/3-6 S/U		V	A
fine-stranded solid			
		800 V/8 kV/3	20
		300 V	10
No. 24-12 AWG		300 V	10
6mm			
UL CE			

Push-on connectors 2.8x0.8 according to DIN 46247  
 Push-on connectors 6.3x0.8 according to DIN 46247

Push-on connectors 2.8x0.8 according to DIN 46247  
 Push-on connectors 6.3x0.8 according to DIN 46247

Push-on connectors 2.8x0.8 according to DIN 46247  
 Push-on connectors 6.3x0.8 according to DIN 46247

WK/4-8 S/IW/U		V	A
fine-stranded solid			
		800 V/8 kV/3	20
		600 V	10
No. 22-12 AWG		300 V	10
6mm			
UL CE			

WK/4-8 S/U		V	A
fine-stranded solid			
		800 V/8 kV/3	20
		300 V	10
No. 22-12 AWG		300 V	10
6mm			
UL CE			

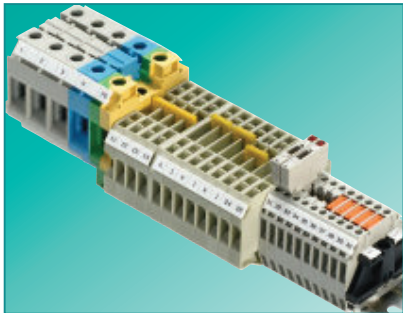
WK/3-6 S KO/U		V	A
fine-stranded solid			
0.5-4mm <sup>2</sup>		690 V/8 kV/3	20
No. 22-12 AWG		300 V	10
No. 22-12 AWG		300 V	10
6mm			9mm
UL CE			

	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	
<b>Feed-through block with push-on connection</b>	gray	WK/3-6 S/IW/U	57.504.6755.0	100	WK/3-6 S/U	57.504.6655.0	100
<b>Accessories</b>							
1. Mounting rail TS 35, DIN rail 7.5mm high L = 2m		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 TS 35, DIN rail, 15mm high L = 2m		35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
Mounting rail TS 32, G rail L = 2m		9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1
2. End clamp with U-foot 10mm wide		W 1/U	25.523.5753.0	100	WE 1/U	25.523.5753.0	100
End clamp TS 35, with screw 8mm wide		9708/2 S 35	25.522.8553.0	100	9708/2 S 35	25.522.8553.0	100
End clamp TS 35, without screw 8mm wide		WEF 1/35	25.523.9353.0	100	WEF 1/35	25.523.9353.0	100
3. End plate	gray	AP 3 S/IW	07.311.4555.0	50	AP 3 S	07.311.4455.0	50
	blue						
4. Cross connector with screws	2 pole	VB WK/...S/IW/U-2	27.281.3227.0	10	9703/6-2	27.211.0227.0	50
	3 pole	VB WK/...S/IW/U-3	27.281.3327.0	10	9703/6-3	27.211.0327.0	50
	up to 6 pole	VB WK/...S/IW/U-6	27.281.3627.0	10	9703/6-6	27.211.0627.0	50
5. Partition plate with marking facility		TS 4 GELB	07.311.2153.8	10	TS 4 GELB	07.311.2153.8	10
6. Single cover with marking facility		AD VB 4 GELB	04.326.2153.8	10	AD VB 4 GELB	04.326.2153.8	10
7. Insulating sleeve for tab connector							
for H0. V-K 1.5mm <sup>2</sup>	yellow		05.592.7553.0	2000		05.592.7553.0	2000
for H0. V-K 2.5mm <sup>2</sup>	yellow		05.592.7653.0	2000		05.592.7653.0	2000

	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
WK/4-8 S/IW/U		57.504.6355.0	100	WK/4-8 S/U	57.504.6255.0	100	WK/3-6 S KO/U	57.504.7355.0	100
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
9006 EN 60715 G-32		98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U		25.523.5753.0	100	WE 1/U	25.523.5753.0	100	WE 1/U	25.523.5753.0	100
9708/2 S 35		25.522.8553.0	100	9708/2 S 35	25.522.8553.0	100	9708/2 S 35	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
AP 4 S/IW		07.311.4355.0	50	AP 4 S	07.311.4255.0	10	9701 A/6 1 S KO TP 2	07.310.5855.0	50
VB WK/...S/IW/U-2		27.281.3227.0	10	9703/6-2	27.211.0227.0	50	2072/2	27.220.0227.0	50
VB WK/...S/IW/U-3		27.281.3327.0	10	9703/6-3	27.211.0327.0	50	2072/2	27.220.0227.0	50
VB WK/...S/IW/U-6		27.281.3627.0	10	9703/6-6	27.211.0627.0	50	2072/6	27.220.0627.0	50
TS 4 GELB		07.311.2153.8	10	TS 4 GELB	07.311.2153.8	10			
AD VB 4 GELB		04.326.2153.8	10	AD VB 4 GELB	04.326.2153.8	10			
		05.592.7553.0	2000		05.592.7553.0	2000		05.592.7553.0	2000
		05.592.7653.0	2000		05.592.7653.0	2000		05.592.7653.0	2000

For more accessories see pages 62-79  
 For marking systems see pages 72-77

## Instrument isolating terminal with screw connection



**selos** instrument isolating terminals are designed for use in power generation and supply. Special devices are used to measure electrical energy i.e. so-called current and voltage converters. One wrong connection during commissioning or maintenance work can easily destroy these and cause significant subsequent damage due to power failures. Current converters must always have a closed secondary circuit. This also applies when the connected measuring devices are disconnected. Instrument isolating terminals were developed especially for this application.

All circuits occurring during everyday practice can be easily implemented with the instrument isolating terminals of type WK(N) 6 TK.

In this connection an assortment of coordinated accessories (e.g., cross connectors or disconnect locking devices) are available.

### Technical data as per EN 60947-7:

Rated cross section:	6 mm <sup>2</sup>	Rated current:	Up to 57 A
Rated voltage:	400 V	Connection capacity:	0.5 - 10 mm <sup>2</sup>

### Applications with current converter

- Electrical measuring converters are used to measure larger currents (e.g., 1000 A) as well as higher voltages. These converters convert the variables to be measured to a level (e.g., 5 A) which can be easily processed by the measuring instrument.
- Current converters may only be operated with very low load resistance or with short-circuited secondary circuit. No-load operation of the current converter must be prevented since this causes high voltages on the output blocks and the converter can destroy itself.

### Current converter circuiting

- Current converter circuits must always have a closed secondary current circuit.
- When comparison measuring devices are being connected, the current circuit may not be interrupted.
- The converter connection blocks must be short-circuited when the measuring device is exchanged.
- The converter must be short-circuited and the current circuit must be opened for device tests with external measuring devices.

### Solutions from Wieland

- Wieland instrument isolating terminals... an integrated switchable disconnect point in series to the measuring device.
- Additional auxiliary connections on both sides of the disconnect point permit a switchable or fixed cross connection between adjacent blocks parallel to the measuring converter.
- The type WK(N) 6 TK include accessories and are protected against accidental finger touch as per BGV A2.

### selos instrument isolating terminals

All circuits occurring during everyday practice can be implemented with the WK 6 TK or WKN 6 TK instrument isolating terminal and a few accessory parts.

The WKN 6 TK block is a clearly-organized, convenient and user-friendly instrument isolating terminal with accidental finger touch protection as per BGV A2.

In addition, the WK 6 TK block offers extended circuiting facilities with additional jumper channels and specially designed, replaceable test sockets for safety test plugs.

### Test sockets



### Reference measurements and test signals

- All blocks have test sockets integrated on both sides of the disconnect point for reference measurements and test signals.
- All test sockets are protected against accidental finger touch.
- The test sockets are suitable for both conventional and safety test plugs.

### Short-circuit contact



### Short-circuiting the current converter

- The converter short circuit is switched with the short circuit contact which is protected against accidental touch.
- Activation of the termination points is only possible with the short-circuit jumper inserted. This is an additional safety measure during operation.

### Cross connectors



### Distributing and combining potentials

- Up to two additional cross connectors can be mounted per block to distribute the K point in converter circuits.
- All cross connectors are have IP 20 protection against accidental touch.
- Pins can be removed easily in order to skip over blocks.

### Disconnect locking device



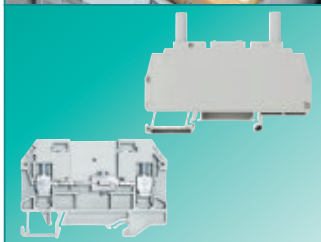
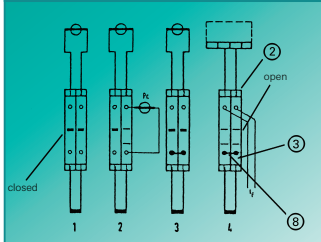
### Connecting converter circuits safely

- Prevents accidental opening or closing of converter circuits.
- The contact separator is blocked in its respective position.
- Easy to mount by hand but removal requires tools.

### Special accessories

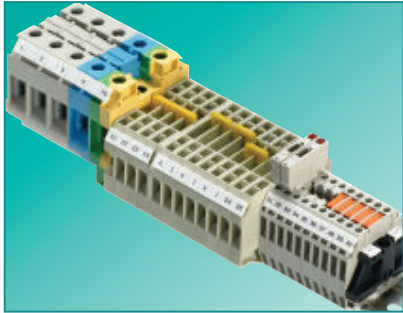
#### Application-specific special accessories

- Partitions for safe separation of different potentials
- Spacer plates for modification of the spacing for different short-circuit plugs
- Jumper combs for additional potential distribution





## Instrument isolating terminal with screw connection



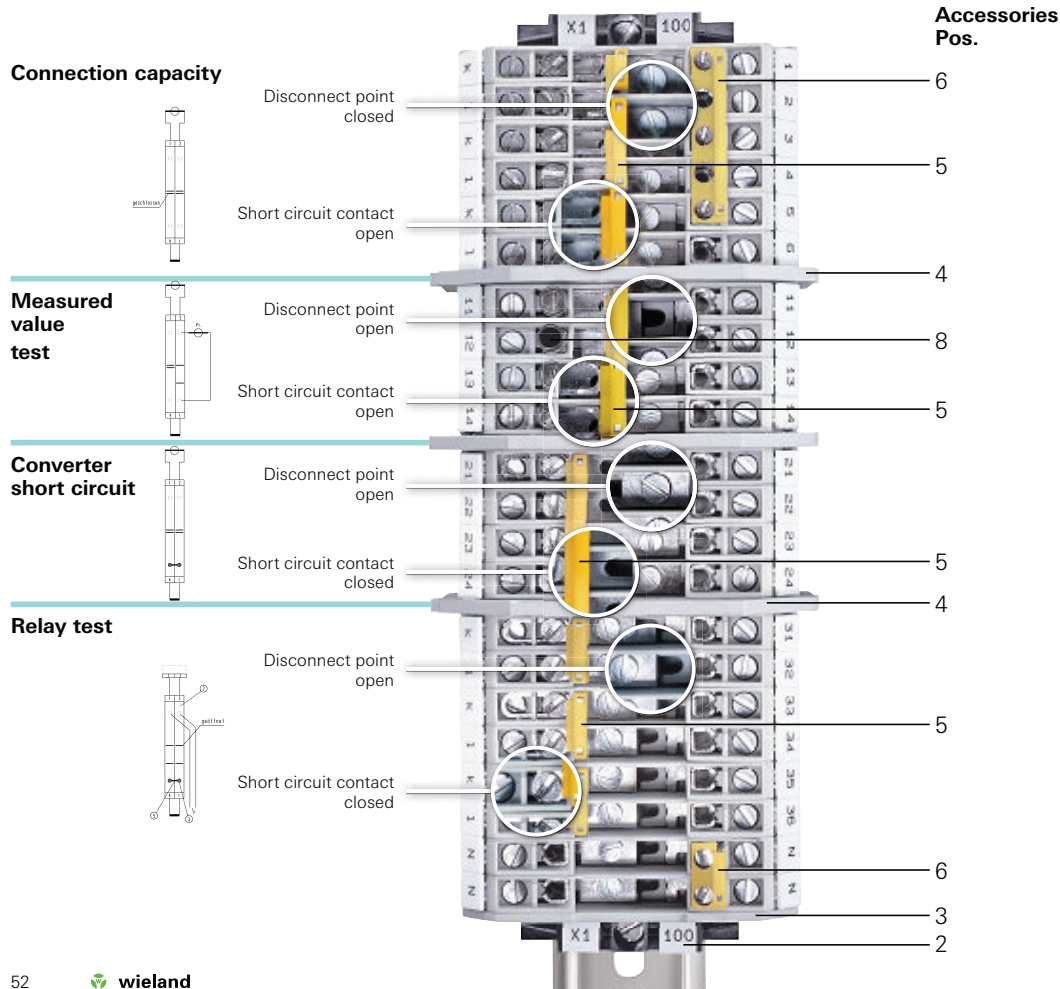
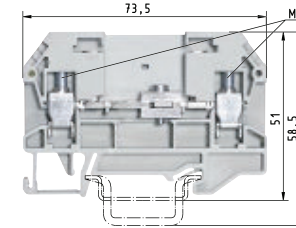
Wieland Electric's **selos** WKN 6 TK block offers a simple and effective DIN rail block solution for use in measuring circuits for current, voltage or energy. All circuits in everyday practice can be neatly implemented with the instrument isolating terminal and a few accessory parts. Only two blocks are needed for simple converter circuits.

The main focus during the development of this block was clear and simple handling as well as universal usability. All switching states of the block and the converter circuit are clearly recognizable and the extensive accessory program is easy to use.

The block and the accessories meet the requirements of protection against accidental finger touch as per BGV A2.

**Technical data as per EN 60947-7:**

Rated cross section: 6 mm<sup>2</sup>      Rated current: 57 A  
 Rated voltage: 400 V      Connection capacity: 0.5-10 mm<sup>2</sup>



**Accessories Pos.**

**WKN 6 TK**  
 fine-stranded solid V A  
 0.5-6 mm<sup>2</sup> 0.5-10 mm<sup>2</sup> 400 V/6 kV/3 57  
 EN 60947-7-1/DIN VDE 0611 T1  
 UL ratings Field/factory wiring  
 CSA ratings  
 Width Wire strip length 8 mm 12 mm  
 Approvals  
 pending

	Type	Part No.	Std. Pack
<b>Instrument isolating terminal</b>	WKN6 TK	56.106.0055.0	50
<b>Feed-through block</b>	WKN6 TK D	56.106.0155.0	50
<b>Accessories</b>			
1. Mounting rail TS 35, DIN rail 7.5 mm high L = 2 m	35 x 27 x 7.5 EN 60715	98.300.0000.0	1
Mounting rail TS 35, DIN rail, 15 mm high L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1
Mounting rail TS 32, G rail L = 2 m			
2. End clamp with U-foot 10 mm wide	WE 1/U	25.523.5753.0	100
End clamp TS 35, with screw 8 mm wide	9708/2 S 35	25.522.8553.0	100
End clamp TS 35, without screw 8 mm wide	WEF 1/35	25.523.9353.0	100
3. End plate 2 mm	APN 6 TK	07.313.1755.0	10
4. Partition TW 6 TK	TW 6 TK	07.312.0453.0	10
5. Sliding short-circuit slide 2 pole	IVS WKN6 TK-2	Z7.282.7229.0	10
insulated 3 pole	IVS WKN6 TK-3	Z7.282.7329.0	10
4 pole	IVS WKN6 TK-4	Z7.282.7429.0	10
5 pole	IVB WKN6 TK-5	Z7.282.6529.0	10
6 pole	IVB WKN6 TK-6	Z7.282.6629.0	10
6. Jumper bar with screws 2 pole	IVB WKN6 TK-2	Z7.282.6229.0	10
insulated 3 pole	IVB WKN6 TK-3	Z7.282.6329.0	10
4 pole	IVB WKN6 TK-4	Z7.282.6429.0	10
7. Jumper comb 2 pole	IVK WKN 6TK-2	Z7.282.8229.0	10
3 pole	IVK WKN 6TK-3	Z7.282.8329.0	10
4 pole	IVK WKN 6TK-4	Z7.282.8429.0	10
5 pole	IVK WKN 6TK-5	Z7.282.8529.0	10
6 pole	IVK WKN 6TK-6	Z7.282.8629.0	10
8. Test socket gray	SBN 4 GRAU	25.511.3553.0	10
violet	SBN 4 VIOLETT	25.511.3553.9	10
green	SBN 4 GRÜN	25.511.3553.7	10
yellow	SBN 4 GELB	25.511.3553.8	10
blue	SBN 4 BLAU	25.511.3553.6	10
9. Disconnect locking device	SP WKN 6 TK	05.566.6855.9	50
For more accessories see pages 62-79			
For marking systems see pages 72-77			

## Instrument isolating terminal with screw connection WK6 TK

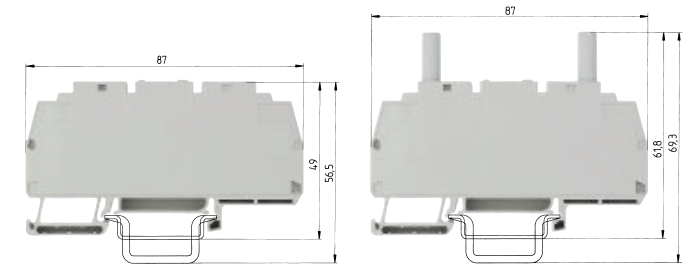


Wieland Electric's **selos** WK 6 TK block offers an optimal DIN rail block solution for all types of measuring circuits of current, voltage or energy. All circuits occurring during everyday practice can be implemented with the Instrument isolating terminal and a few accessories parts.

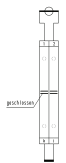
Complete insulated selectable connecting links are available as standard, as are insulated test sockets in all conventional signal colors. Two additional jumpering facilities permit the installation of fixed cross connections (e.g., for internal distribution of the k point of converter circuits). Standard cross connectors in a wide variety of numbers of pins are available for this purpose. The jumpers are easy to disconnect so that you can skip over blocks.

**Technical data as per EN 60947-7:**

**Rated cross section:** 6 mm<sup>2</sup>      **Rated current:** 32 A  
**Rated voltage:** 400 V      **Connection capacity:** 0.5-10 mm<sup>2</sup>



### Normal operation



Disconnect point closed

Short circuit contact open

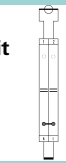
### Measured value test



Disconnect point open

Short circuit contact open

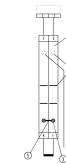
### Converter short circuit



Disconnect point closed

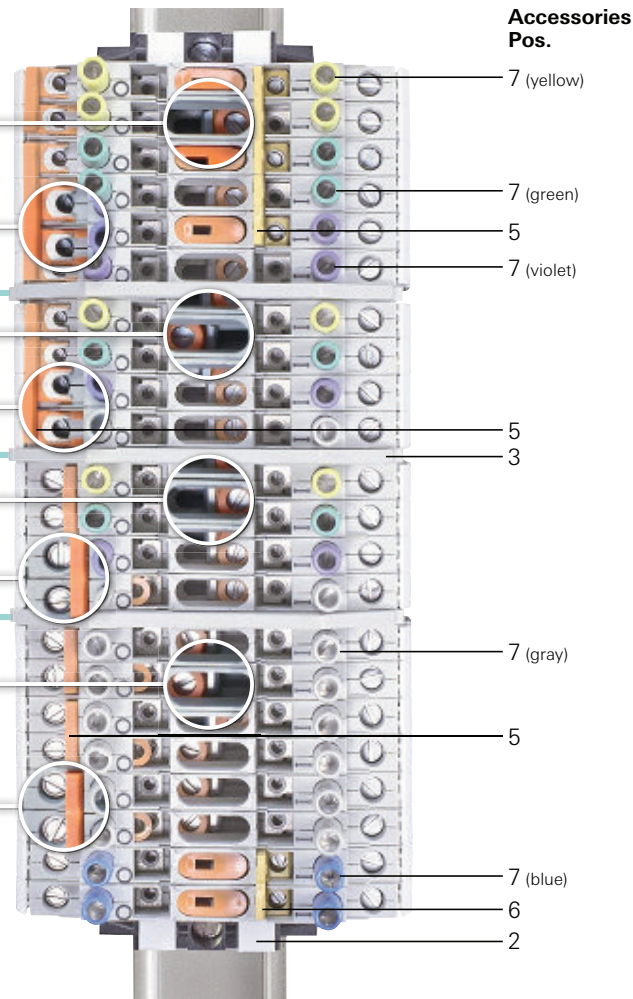
Short circuit contact closed

### Relay test



Disconnect point open

Short circuit contact closed



**Accessories Pos.**

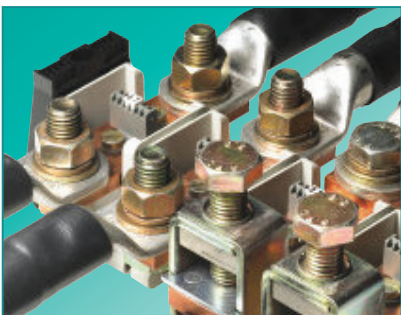
EN 60947-7-1/DIN VDE 0611 T1	WK6 TK/35			WK6 TK P3/35			
	fine-stranded solid	0.5-10 mm <sup>2</sup>	V	A	fine-stranded solid	V	A
UL ratings	0.5-6 mm <sup>2</sup>	400 V/6 kV/3	32	0.5-6 mm <sup>2</sup>	400 V/6 kV/3	32	
CSA ratings	No. 20-8 AWG	600 V	45	No. 20-8 AWG	600 V	45	
Width	No. 20-8 AWG	300 V	45	No. 20-8 AWG	300 V	45	
Approvals	8 mm	12 mm		8 mm	12 mm		
	Wire strip length						

Instrument isolating terminal	Type	Part No.	Std. Pack	Typ	Bestell-Nr.	VPE
Instrument isolating terminal	WK6 TK/35	56.106.0553.0	50	WK6 TK P3/35	56.106.0653.0	50
Instrument isolating terminal with mounted test sockets						
<b>Accessories</b>						
1. Mounting rail TS 35, DIN rail 7.5 mm 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 TS 35, DIN rail, 15 mm 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
Mounting rail TS 32, G rail L = 2 m						
2. End clamp with U-foot 10 mm wide	WE 1/U	25.523.5753.0	100	WE 1/U	25.523.5753.0	100
End clamp TS 35, with screw 8 mm wide	9708/2 S 35	25.522.8553.0	100	9708/2 S 35	25.522.8553.0	100
End clamp TS 35, without screw 8 mm wide	WEF 1/35	25.523.9353.0	100	WEF 1/35	25.523.9353.0	100
3. Partition TW 6 TK	TW 6 TK	07.312.0453.0	10	TW 6 TK	07.312.0453.0	10
4. Intermediate plate ZP 6 TK	ZP 6 TK	07.312.9953.0	10	ZP 6 TK	07.312.9953.0	10
5. Sliding short-circuit slide 2 pole	IVS WK6 TK-2	Z7.212.2227.0	50	IVS WK6 TK-2	Z7.212.2227.0	50
insulated 3 pole	IVS WK6 TK-3	Z7.212.2327.0	50	IVS WK6 TK-3	Z7.212.2327.0	50
4 pole	IVS WK6 TK-4	Z7.212.2427.0	50	IVS WK6 TK-4	Z7.212.2427.0	50
6. Jumper bar with screws 2 pole	IVB WK6 TK-2	Z7.212.1227.0	50	IVB WK6 TK-2	Z7.212.1227.0	50
insulated 3 pole	IVB WK6 TK-3	Z7.212.1327.0	50	IVB WK6 TK-3	Z7.212.1327.0	50
4 pole	IVB WK6 TK-4	Z7.212.1427.0	50	IVB WK6 TK-4	Z7.212.1427.0	50
5 pole	IVB WK6 TK-5	Z7.212.1527.0	50	IVB WK6 TK-5	Z7.212.1527.0	50
10 pole	IVB WK6 TK-10	Z7.212.2027.0	50	IVB WK6 TK-10	Z7.212.2027.0	50
7. Test socket gray	SB 4 GRAU	05.511.2953.0	10	SB 4 GRAU	05.511.2953.0	10
violet	SB 4 VIOLETT	05.511.2953.9	10	SB 4 VIOLETT	05.511.2953.9	10
green	SB 4 GRÜN	05.511.2953.7	10	SB 4 GRÜN	05.511.2953.7	10
yellow	SB 4 GELB	05.511.2953.8	10	SB 4 GELB	05.511.2953.8	10
blue	SB 4 BLAU	05.511.2953.6	10	SB 4 BLAU	05.511.2953.6	10
8. Disconnect locking device	SP WK6 TK	05.563.5453.0	50	SP WK6 TK	05.563.5453.0	50

For more accessories see pages 62-79

For marking systems see pages 72-77

## High current terminal blocks with screw connection



**selos** POWER LINE is designed for use in mechanical and plant engineering, railed travel and in battery applications.

Wieland offers a program which was especially developed for high current applications. The portfolio includes feed through blocks and ring lug terminals. The type RFK feed through blocks in 4 different cross sections between 95 and 240 mm<sup>2</sup> and different types of connection (e.g., rising cage or ring lug connection) are available.

Ring lug terminals augment the **selos** POWER LINE product line. Blocks with ring lug sizes from M 6 to M 12 are available for the connection of wires with crimped cable shoes.

Extensive accessories optimize the **selos** POWER LINE for a wide variety of applications.

### Technical data as per EN 60947-7:

Rated cross section: 95 mm<sup>2</sup> - 240 mm<sup>2</sup>      Rated current: up to 415 A  
 Rated voltage: 1000 V



### High current blocks, type RFK

- Up to 240 mm<sup>2</sup> rated cross section
- Cable connection via ring lug connection technology, direct connection with rising cage or hybrid solutions
- Current rails and jumper rails made of E-Cu
- Screw retainer via folded block body or tension disk



### Lug ring connection blocks

- For the connection of cable shoes in versions from M 6 to M 12
- Screw retainer via locking washer
- Approved for international rail transportation standards



### Accessories for selos POWER

- Covers for provision of protection against accidental touch
- Jumper rails made of E-Cu; 2, 3 and 4-pin
- Partition plates for optical and electrical separation
- All components can be marked with the Wieland standard marking system.



### Mounting notice

- When tightening the block screws, we recommend countering by holding the wire to avoid deformation of the mounting rail and to keep the foot of the block free of torsional forces.



BK M ...

V A  
 1000 V/8 kV/3<sup>1)</sup>

DIN VDE 0110  
 UL ratings  
 CSA ratings  
 Width  
 Approvals

Field/factory wiring

Wire strip length



Ring lug terminal	Type	Part No.	Std. Pack
	BK M 6/35	32.530.0053.0	25
	BK M 8/35	32.540.0053.0	25
	BK M 10/35	32.550.0053.0	25
	BK M 12/35	32.560.0053.0	25
<b>Accessories</b>			
1. Mounting rail TS 35, DIN rail 7.5 mm high L = 2 m	35 x 27 x 7.5 EN 60715	98.300.0000.0	1
Mounting rail TS 35, DIN rail, 15 mm high L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1
2. End clamp with U-foot 10 mm wide	WE 1/U	25.523.5753.0	100
End clamp TS 35, with screw 8 mm wide	9708/2 S35	25.522.8553.0	100
End clamp TS 35, without screw 8 mm wide	WEF 1/35	25.523.9353.0	100
3. Partition	for BK M 6	TW BK M 6/35	07.340.3653.0 25
	for BK M 8	TW BK M 8/35	07.340.3653.0 25
	for BK M 10	TW BK M 10-12/35	07.340.3753.0 25
	for BK M 12	TW BK M 10-12/35	07.340.3753.0 25
4. Jumper rails for tab connection blocks from E-Cu			
	for 2 blocks BK M 6	VB BK M 6/35-2	07.205.5227.0 20
	for 3 blocks BK M 6	VB BK M 6/35-3	07.205.5327.0 10
	for 2 blocks BK M 8	VB BK M 8/35-2	07.205.7227.0 20
	for 3 blocks BK M 8	VB BK M 8/35-3	07.205.7327.0 10
	for 2 blocks BK M 10	VB BK M 10/35-2	07.205.8227.0 20
	for 3 blocks BK M 10	VB BK M 10/35-3	07.205.8327.0 10
	for 2 blocks BK M 12	VB BK M 12/35-2	07.205.9227.0 20
	for 3 blocks BK M 12	VB BK M 12/35-3	07.205.9327.0 10
5. Cover	for BK M 6	AD BK M 6-8/35	04.304.0181.0 1
	for BK M 8	AD BK M 6-8/35	04.304.0181.0 1
	for BK M 10	AD BK M 10-12/35	04.304.0281.0 1
	for BK M 12	AD BK M 10-12/35	04.304.0281.0 1
6. Installation clip for Cover		05.564.0753.0	10

Type	Width	Height	Rated current
BK M 6	19 mm	56 mm	125 A
BK M 8	24 mm	65 mm	150 A
BK M 10	35 mm	72 mm	265 A
BK M 12	35 mm	74 mm	265 A

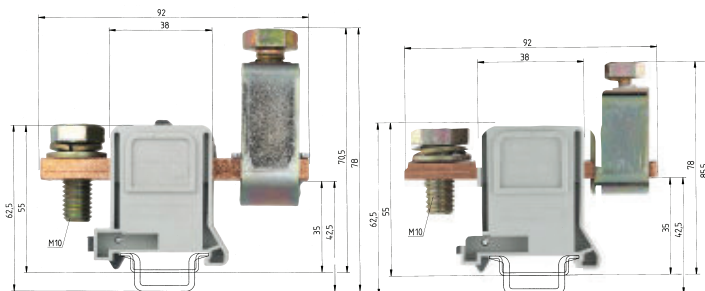
Detailed drawing data on request.

<sup>1)</sup> For marking systems see pages 72-77

<sup>1)</sup> with partition TW BK



## High current blocks with screw connection



### RFK 1/95... S35

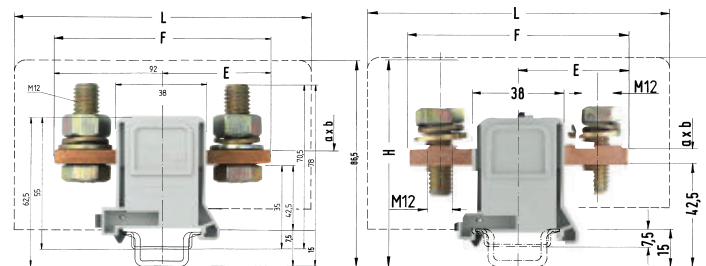
fine-stranded V	A		fine-stranded V	A
16-95mm <sup>2</sup>	1000V	250	70-150mm <sup>2</sup>	1000V
6-3/0 AWG	600V	200	0 AWG - 300MCM	600V
6-3/0 AWG	600V	200	0 AWG - 300MCM	600V
32mm		27mm	42mm	27mm

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



### RFK 1/150... S35

fine-stranded V	A
70-150mm <sup>2</sup>	1000V
0 AWG - 300MCM	600V
0 AWG - 300MCM	600V
42mm	27mm



### RFK 1/185... S35

V	A	fine-stranded	stranded	V	A
1000V/8kV/3	353	70-240mm <sup>2</sup>	70-240mm <sup>2</sup>	1000V/8kV/3	415
0 AWG - 400kcmil	600V	375	0 AWG - 500kcmil	600V	375
0 AWG - 400kcmil	600V	375	3/0 AWG - 500kcmil	600V	425
42mm		27mm	42mm		27mm



### RFK 1/240... S35

fine-stranded	stranded	V	A
70-240mm <sup>2</sup>	70-240mm <sup>2</sup>	1000V/8kV/3	415
0 AWG - 500kcmil	0 AWG - 500kcmil	600V	375
3/0 AWG - 500kcmil	3/0 AWG - 500kcmil	600V	425
42mm	42mm		27mm



mm <sup>2</sup>	Type	axb	M I	M II	H	L	F	E
185	F, FM	6x26	M12	-	-	200	92	46
	F, FM	8x26	M12	-	-	200	92	46
240	FK, FMK	8x26	M12	M12	100,5	200	102	46
	K	8x26	-	M12	100,5	200	112	56

Configurations	gray	F	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
			RFK 1/95 F S 35	56.395.0055.0	10	RFK 1/150 F S35	56.397.0055.0	10
			RFK 1/95 K S 35	56.395.0155.0	10	RFK 1/150 K S35	56.397.0155.0	10
			RFK 1/95 FK S 35	56.395.0255.0	10	RFK 1/150 FK S35	56.397.0255.0	10
			RFK 1/95 FM S 35	56.395.1055.0	10			
			RFK 1/95 FMK S 35	56.395.1255.0	10	RFK 1/150 FMK S35	56.397.1255.0	10
<b>Accessories</b>								
1. Mounting rail TS 35, DIN rail 7.5mm 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 TS 35, DIN rail, 15mm 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
Mounting rail TS 32, G rail	L = 2 m							
2. End clamp with U-foot	10mm wide		WE 2/U	Z5.523.5653.0	100	WE 2/U	Z5.523.5653.0	100
End clamp TS 35, with screw	8mm wide		9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
End clamp TS 35, without screw	8mm wide		WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. Cover for RFK 1/...	yellow			Z7.409.5753.0	10		Z7.409.5853.0	10
4. Partition/end plate PA 6.6	2.8mm thick		TE/RFK 1/95	07.340.0353.0	50	TE/RFK 1/150 - 240 PA	07.340.1053.0	50
5. Jumper bar for tab connection blocks	from E-Cu							
	for 2 blocks		VB RFK 1/95/2/32	07.205.1227.0	20	VB RFK 1/185/2	07.201.4227.0	10
	for 3 blocks		VB RFK 1/95/3/32	07.205.1327.0	10	VB RFK 1/185/3	07.201.4327.0	10
	for 4 blocks		VB RFK 1/95/4/32	07.205.1427.0	10	VB RFK 1/185/4	07.201.4427.0	10

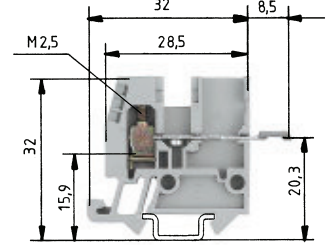
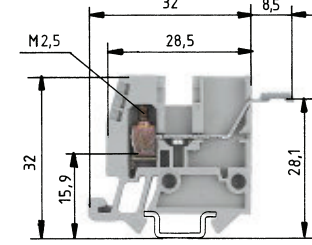
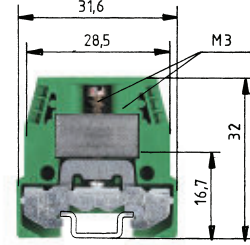
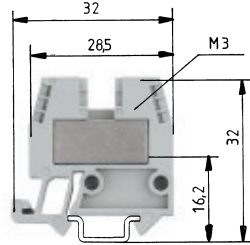
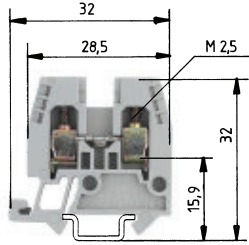
For marking systems see pages 72-77

Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	Configurations
RFK 1/185 F S 35	56.398.0055.0	10	RFK 1/240 F S 35 <sup>*)</sup>	56.399.0055.0	10	F
			RFK 1/240 K S 35	56.399.0155.0	10	K
			RFK 1/240 FK S 35 <sup>*)</sup>	56.399.0255.0	10	FK
			RFK 1/240 FM S 35 <sup>*)</sup>	56.399.1055.0	10	FM
			RFK 1/240 FMK S 35 <sup>*)</sup>	56.399.1255.0	10	FMK
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	
WE 2/U	Z5.523.5653.0	100	WE 2/U	Z5.523.5653.0	100	
9708/2 S35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100	
WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100	
	Z7.409.5853.0	10		Z7.409.5853.0	10	
TE/RFK 1/150 - 240 PA	07.340.1053.0	50	TE/RFK 1/150 - 240 PA	07.340.1053.0	50	
VB RFK 1/185/2	07.201.4227.0	10	VB RFK 1/240/2	07.201.8227.0	10	
VB RFK 1/185/3	07.201.4327.0	10	VB RFK 1/240/3	07.201.8327.0	10	
VB RFK 1/185/4	07.201.4427.0	10	VB RFK 1/240/4	07.201.8427.0	10	

<sup>\*)</sup> Cable lugs of type DIN 46234 to be used only.



Mini blocks with screw connection for TS 15



The terminal blocks of series WKM 2,5 F1/15 and WKM 2,5 F2/15 must be mounted alternately in order to maintain the required air and creepage distances for the indicated rated voltage.

0344 II 2GD IM2  
 Ex e I/II  
 EN 60947-7-2/DIN VDE 0611 T3  
 UL ratings Field/factory wiring  
 CSA ratings  
 KEMA 02 ATEX 2114 U<sup>1)</sup> EN 60079-0/EN 60079-7  
 Width Wire strip length  
 Approvals

**WKM 2,5/15**  
 fine-stranded solid V A  
 0.5-2.5mm<sup>2</sup> 0.5-4mm<sup>2</sup> 500V/6kV/3 25  
 No. 22-14 AWG 300V 10  
 No. 22-12 AWG 600V 25  
 0.5-2.5mm<sup>2</sup> 0.5-4mm<sup>2</sup> 275V 20/20<sup>2)</sup>  
 5mm 9mm

**WKM 4/15**  
 fine-stranded solid V A  
 0.5-4mm<sup>2</sup> 0.5-6mm<sup>2</sup> 500V/6kV/3 28  
 No. 22-10 AWG 600V 30  
 No. 20-10 AWG 600V 37  
 0.5-4mm<sup>2</sup> 0.5-6mm<sup>2</sup> 275V 21/27<sup>3)</sup>  
 6mm 9mm

**WKM 4 SL/15**  
 fine-stranded solid V A  
 0.5-4mm<sup>2</sup> 0.5-6mm<sup>2</sup> 500V/6kV/3<sup>4)</sup> 28  
 No. 22-14 AWG 300V 30  
 No. 22-10 AWG 600V 37  
 0.5-4mm<sup>2</sup> 0.5-6mm<sup>2</sup> 275V 21/27<sup>3)</sup>  
 6mm 9mm

**WKM 2,5 F1/15**  
 fine-stranded solid V A  
 0.5-2.5mm<sup>2</sup> 0.5-4mm<sup>2</sup> 500V/6kV/3 24  
 0.5-2.5mm<sup>2</sup> 0.5-4mm<sup>2</sup> 275V 20/20<sup>2)</sup>  
 5mm 9mm

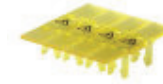
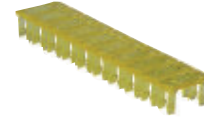
**WKM 2,5 F2/15**  
 fine-stranded solid V A  
 0.5-2.5mm<sup>2</sup> 0.5-4mm<sup>2</sup> 500V/6kV/3 24  
 0.5-2.5mm<sup>2</sup> 0.5-4mm<sup>2</sup> 275V 20/20<sup>2)</sup>  
 5mm 9mm

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
<b>Feed-through blocks</b> with solder connection	gray						
<b>Feed-through block</b>	gray	WKM 2,5/15	55.503.1053.0	100	WKM 4/15	55.504.1053.0	100
<b>Feed-through block</b>	blue	WKM 2,5/15 BLAU	55.503.1053.6	100	WKM 4/15 BLAU	55.504.1053.6	100
<b>Ground block</b>	green/yellow						
<b>Accessories</b>							
1. Mounting rail 15, DIN rail 5,5mm high	L = 2m	9021/15 x 5,5 EN 60715	98.090.0015.0	10	9021/15 x 5,5 EN 60715	98.090.0015.0	10
2. End clamp, Polyamide	7,5 mm wide	9208 S 15	25.522.7553.0	100	9208 S 15	25.522.7553.0	100
3. End plate		APM 2,5 - 4/15	07.311.0853.0	10	APM 2,5 - 4/15	07.311.0853.0	10
		APM 2,5 - 4/15 BLAU	07.311.0853.6	10	APM 2,5 - 4/15 BLAU	07.311.0853.6	10
4. Partition		TWM 2,5 - 4/15	07.311.1853.0	10	TWM 2,5 - 4/15	07.311.1853.0	10
		TWM 2,5 - 4/15 BLAU	07.311.1853.6	10	TWM 2,5 - 4/15 BLAU	07.311.1853.6	10
5. Cross connector with screws, E-Cu							
	2 pole	VB WKM 2,5/15-2	Z7.215.4227.0	50	IVB WK 4 E/U-2	Z7.271.2227.0	10
	3 pole	VB WKM 2,5/15-3	Z7.215.4327.0	50	IVB WK 4 E/U-3	Z7.271.2327.0	10
	to 6 pole	VB WKM 2,5/15-6	Z7.215.4627.0	50			
	to 12 pole				IVB WK 4 E/U-12	Z7.271.3227.0	10
	60 pole	VB WKM 2,5/15 M60	Z7.215.4027.0	10			
6. Single cover f. cross conn. with marking facility		AD VB 2,5/15 GELB	04.326.3053.8	10	AD VB 4/15 GELB	04.326.2953.8	10
7. Partition plate with marking facility		TSM 2,5/15	07.311.2853.8	10	TSM 4/15	07.311.2953.8	10
For marking systems see pages 72-77							
When selectable connecting links are used, a partition must be used. The rated voltage is reduced to 400V/6kV/3.							

<sup>1)</sup> Please note the mounting instructions. <sup>2)</sup> With/without jumper  
<sup>3)</sup> Ratings to adjacent feed-through blocks of the same series and size.  
<sup>4)</sup> For the current carrying capability of the mounting rail see AT catalog section facts + DATA.

Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
			WKM 2,5 F1/15	55.503.1253.0	100	WKM 2,5 F2/15	55.503.1353.0	100
WKM 4 SL/15	55.504.9153.0	100						
9021/15 x 5,5 EN 60715	98.090.0015.0	10	9021/15 x 5,5 EN 60715	98.090.0015.0	10	9021/15 x 5,5 EN 60715	98.090.0015.0	10
9208 S 15	25.522.7553.0	100	9208 S 15	25.522.7553.0	100	9208 S 15	25.522.7553.0	100
APM 4 SL/15	07.311.0753.0	10	APM 2,5 F/15	07.311.0653.0	10	APM 2,5 F/15	07.311.0653.0	10
VB WKM 2,5/15-2	Z7.215.4227.0	50	VB WKM 2,5/15-2	Z7.215.4227.0	50	VB WKM 2,5/15-2	Z7.215.4227.0	50
VB WKM 2,5/15-3	Z7.215.4327.0	50	VB WKM 2,5/15-3	Z7.215.4327.0	50	VB WKM 2,5/15-3	Z7.215.4327.0	50
VB WKM 2,5/15-6	Z7.215.4627.0	50	VB WKM 2,5/15-6	Z7.215.4627.0	50	VB WKM 2,5/15-6	Z7.215.4627.0	50
VB WKM 2,5/15 M60	Z7.215.4027.0	10	VB WKM 2,5/15 M60	Z7.215.4027.0	10	VB WKM 2,5/15 M60	Z7.215.4027.0	10
AD VB 2,5/15 GELB	04.326.3053.8	10	AD VB 2,5/15 GELB	04.326.3053.8	10	AD VB 2,5/15 GELB	04.326.3053.8	10
TSM 2,5/15	07.311.2853.8	10	TSM 2,5/15	07.311.2853.8	10	TSM 2,5/15	07.311.2853.8	10

## Accessories for DIN rail terminal blocks with screw connection



### Cross connectors, insulated

Type	Part No.	Std. Pack
<b>WK 2,5/U, Spacing 5mm, Screw M2,5</b>		
IVB WK 2,5-2	Z7.280.2227.0	10
IVB WK 2,5-3	Z7.280.2327.0	10
IVB WK 2,5-4	Z7.280.2427.0	10
:	:	:
IVB WK 2,5-12	Z7.280.3227.0	10
<b>WK 4/U, Spacing 6mm, Screw M3</b>		
IVB WK 4-2	Z7.281.1227.0	10
IVB WK 4-3	Z7.281.1327.0	10
IVB WK 4-4	Z7.281.1427.0	10
:	:	:
IVB WK 4-12	Z7.281.2227.0	10
<b>WK 6/U, Spacing 8mm, Screw M3,5</b>		
IVB WK 6-2	Z7.282.2227.0	10
IVB WK 6-3	Z7.282.2327.0	10
:	:	:
IVB WK 6-12	Z7.282.3227.0	10
<b>WKN 10/U, Spacing 10mm, Screw M3,5</b>		
IVB WKN 10-2	Z7.283.2227.0	10
IVB WKN 10-3	Z7.283.2327.0	10
:	:	:
IVB WKN 10-12	Z7.283.3227.0	10
<b>WKN 16/U, Spacing 12mm, Screw M4</b>		
IVB WKN 16-2	Z7.284.2227.0	10
IVB WKN 16-3	Z7.284.2327.0	10
IVB WKN 16-12	Z7.284.3227.0	10
IVB WKN 16 M-30	Z7.284.2027.0	10
<b>WKN 35/U, Spacing 16mm, Screw M5</b>		
IVB WKN 35-2	Z7.285.2227.0	10
IVB WKN 35-3	Z7.285.2327.0	10
IVB WKN 35-12	Z7.285.3227.0	10
IVB WKN 35 M-20	Z7.285.2027.0	10
<b>WKN 70/U, Spacing 24mm, Screw M6</b>		
<b>WKN 150/U, Spacing 28mm, Screw M8</b>		

### Cross connectors, uninsulated

Rated voltage reduced to 50V

Type	Part No.	Std. Pack
<b>WK 2,5/U, Spacing 5mm, Screw M2,5</b>		
VB WK 2,5-2	Z7.280.0227.0	10
VB WK 2,5-3	Z7.280.0327.0	10
VB WK 2,5-6	Z7.280.0627.0	10
VB WK 2,5 M-80	Z7.280.0027.0	10
every 2nd pol (40 pole)	Z7.280.1027.0	10
<b>WK 4/U, Spacing 6mm, Screw M3</b>		
VB WK 4-2	Z7.281.0227.0	10
VB WK 4-3	Z7.281.0327.0	10
VB WK 4-6	Z7.281.0627.0	10
VB WK 4 M-70	Z7.281.0027.0	10
every 2nd pol (30 pole)	Z7.281.1027.0	10
<b>WK 6/U, Spacing 8mm, Screw M3,5</b>		
VB WK 6-2	Z7.282.0227.0	10
VB WK 6-3	Z7.282.0327.0	10
VB WK 6-6	Z7.282.0627.0	10
VB WK 6 M-70	Z7.282.0027.0	10
<b>WKN 10/U, Spacing 10mm, Screw M3,5</b>		
VB WKN 10-2	Z7.283.6227.0	10
VB WKN 10-3	Z7.283.6327.0	10
VB WKN 10-6	Z7.283.6627.0	10
VB WKN 10 M-40	Z7.283.6027.0	10
<b>WKN 16/U, Spacing 12mm, Screw M4</b>		
<b>WKN 35/U, Spacing 16mm, Screw M5</b>		
<b>WKN 70/U, Spacing 24mm, Screw M6</b>		
VB WKN 70-2	Z7.286.3227.0	10
VB WKN 70-3	Z7.286.3327.0	10
VB WKN 70-4	Z7.286.3427.0	10
VB WKN 70-5	Z7.286.3527.0	10
VB WKN 70-6	Z7.286.3627.0	10
<b>WKN 150/U, Spacing 28mm, Screw M8</b>		
VB WKN 150-2	Z7.287.1227.0	5
VB WKN 150-3	Z7.287.1327.0	5

### Selectable connecting link

When selectable connecting links are used, the rated voltage is reduced to 380V!

Type	Part No.	Std. Pack
<b>WK 2,5/U, Spacing 5mm, Screw M2,5</b>		
Select. connecting link	Z7.269.4023.0	50
Test socket	05.509.6021.0	10
<b>WK 4/U, Spacing 6mm, Screw M3</b>		
Select. connecting link	Z7.269.4123.0	50
Test socket	05.508.8921.0	10
<b>WK 6/U, Spacing 8mm, Screw M3,5</b>		
Select. connecting link	Z7.269.4223.0	50

### Cover for cross connector

over 10 blocks

Version E and „blank“ without opening  
Version P with opening for test pin

Type	Part No.	Std. Pack
<b>WK 2,5/U, Spacing 5mm</b>		
AD VB 5/10 E GELB	04.342.0556.8	10
AD VB 5/10 P GELB	04.342.3556.8	10
<b>WK 4/U, Spacing 6mm</b>		
AD VB 6/10 E GELB	04.342.0656.8	10
AD VB 6/10 P GELB	04.342.3656.8	10
<b>WK 6/U, Spacing 8mm</b>		
AD VB 8/10 E GELB	04.342.0856.8	10
AD VB 8/10 P GELB	04.342.3856.8	10
<b>WKN 10/U, Spacing 10mm</b>		
AD VB 10/10 E GELB	04.342.1056.8	10
AD VB 10/10 P GELB	04.342.4056.8	10

### Cover strip with warning symbol

over 4 blocks

Type	Part No.	Std. Pack
<b>WK 2,5/U, Spacing 5mm</b>		
AD 5/4 GELB	04.343.4756.8	10
<b>WK 4/U, Spacing 6mm</b>		
AD 6/4 GELB	04.343.4856.8	10
<b>WK 6/U, Spacing 8mm, Screw M3,5</b>		
AD 8/4 GELB	04.343.4956.8	10
<b>WKN 10/U, Spacing 10mm, Screw M3,5</b>		
ADN 10/4 GELB	04.343.5056.8	10
<b>WKN 16/U, Spacing 12mm, Screw M4</b>		
ADN 12/4 GELB	04.343.5156.8	10
<b>WKN 35/U, Spacing 16mm, Screw M5</b>		
AD 16/4 GELB	04.343.5256.8	10
<b>WKN 70/U, Spacing 24mm, Screw M6</b>		
AD 24/4 GELB	04.343.5356.8	10
<b>WKN 150/U, Spacing 28mm, Screw M8</b>		
ADN 28/4 GELB	04.343.5456.8	10

### Single cover with marking facility for cross connector

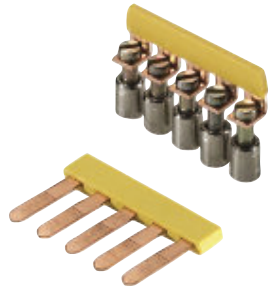
type AD VB ...

### Partition plate with marking facility for cross connector

type TS ...

Type	Part No.	Std. Pack
<b>WK 2,5/U, Spacing 5mm</b>		
AD VB 2,5 GELB	04.326.2053.8	10
TS 2,5 GELB	07.311.2053.8	10
<b>WK 4/U, Spacing 6mm</b>		
AD VB 4 GELB	04.326.2153.8	10
TS 4 GELB	07.311.2153.8	10
<b>WK 6/U, Spacing 8mm, Screw M3,5</b>		
AD VB 6 GELB	04.326.2253.8	10
TS 6 GELB	07.311.2253.8	10
<b>WKN 10/U, Spacing 10mm, Screw M3,5</b>		
AD VB 10 GELB	04.326.2353.8	10
TS 10 GELB	07.311.2353.8	10
<b>WKN 16/U, Spacing 12mm, Screw M4</b>		
AD VB 16 GELB	04.326.2453.8	10
TSN 16 GELB	07.311.8453.8	10
<b>WKN 35/U, Spacing 16mm, Screw M5</b>		
AD VB 35 GELB	04.326.2553.8	10
<b>WKN 70/U, Spacing 24mm, Screw M6</b>		
AD VB 70 GELB	04.326.2653.8	10

## Accessories for DIN rail terminal blocks with screw connection



**Cross connectors, insulated  
Jumper comb, insulated**

Type	Part No.	Std. Pack
<b>WK 2,5/U, Spacing 5mm, Screw M2,5</b>		
IVB WK 2,5-2	Z7.280.2227.0	10
IVB WK 2,5-12	Z7.280.3227.0	10
<b>WKN 2,5 E/U, Spacing 5mm, Screw M2,5</b>		
IVB WK 2,5-2	Z7.280.2227.0	10
IVB WK 2,5-12	Z7.280.3227.0	10
<b>WK 4/U, Spacing 6mm, Screw M3</b>		
Cross connector, insulated		
IVB WK 4-2	Z7.281.1227.0	10
IVB WK 4-12	Z7.281.2227.0	10
<b>WK 4/U and WK 4 TK., Spacing 6mm, 0,5mm thick</b>		
Jumper comb, insulated		
IVB 0,5 WK 4-2	Z7.255.0227.0	10
IVB 0,5 WK 4-12	Z7.255.0227.0	10
<b>WK 4/U and WK 4 TK., Spacing 6mm, 1mm thick</b>		
Jumper comb, insulated		
IVB 1 WK 4-2	Z7.255.4227.0	10
IVB 1 WK 4-12	Z7.255.4227.0	10
<b>WK 4 D1/2 and D2/2, Spacing 6mm, Screw M3</b>		
IVB WK 4D...-2	Z7.281.7227.0	10
IVB WK 4D...-12	Z7.281.7427.0	10
<b>WK 4 D /E/U, Spacing 6mm, Screw M3</b>		
IVB WK 4/DEU-2	Z7.271.0227.0	10
IVB WK 4/DEU-12	Z7.271.1227.0	10
<b>WK 4 E/U, Spacing 6mm, Screw M3</b>		
Cross connection, insulated for upper tier		
IVB WK 4E/U-2	Z7.271.2227.0	10
IVB WK 4E/U-12	Z7.271.3227.0	10
<b>WK 4 E/U, Spacing 6mm, 1mm thick</b>		
Jumper comb, insulated for lower tier without wire		
IVB WK 4E-2	Z7.255.2227.0	10
IVB WK 4E-12	Z7.255.3227.0	10
Jumper comb, insulated for lower tier with wire		
IVBS WK 4E-2	Z7.256.4227.0	10
IVBS WK 4E-12	Z7.256.5227.0	10



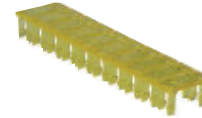
**Cross connectors, uninsulated  
Jumper comb, uninsulated**  
Rated voltage reduced to 50V

Type	Part No.	Std. Pack
<b>WK 2,5/U, Spacing 5mm, Screw M2,5</b>		
VB WK 2,5-2	Z7.280.0227.0	10
VB WK 2,5-6	Z7.280.0627.0	10
VB WK 2,5 M-80	Z7.280.0027.0	10
<b>WKN 2,5 E/U, Spacing 5mm, Screw M2,5</b>		
VB WK 2,5-2	Z7.280.0227.0	10
VB WK 2,5-6	Z7.280.0627.0	10
VB WK 2,5 M-80	Z7.280.0027.0	10
<b>WK 4/U, Spacing 6mm, Screw M3</b>		
Cross connector, uninsulated		
VB WK 4-2	Z7.281.0227.0	10
VB WK 4-6	Z7.281.0627.0	10
VB WK 4 M-70	Z7.281.0027.0	10
<b>WK 4/U and WK 4 TK., Spacing 6mm, 0,5mm thick</b>		
Jumper comb, uninsulated		
VB 0,5 WK 4-2	07.255.0227.0	10
VB 0,5 WK 4-12	07.255.0227.0	10
<b>WK 4/U and WK 4 TK., Spacing 6mm, 1mm thick</b>		
Jumper comb, uninsulated		
VB 1 WK 4-2	07.255.4227.0	10
VB 1 WK 4-12	07.255.4227.0	10
<b>WK 4 D1/2 and D2/2, Spacing 6mm, Screw M3</b>		
VB WK 4D...-2	Z7.281.6227.0	10
VB WK 4D...-6	Z7.281.6627.0	10
VB WK 4D... M-70	Z7.281.6027.0	10
<b>WK 4 D1/2 and D2/2, Spacing 6mm, Screw M3</b>		
9215-2	Z7.210.3227.0	50
9215-6	Z7.210.3427.0	50
9215 M-70	Z7.210.3027.0	10
<b>WK 4 E/U, Spacing 6mm, Screw M3</b>		
Cross connection, insulated for upper tier		
9215-2	Z7.210.3227.0	50
9215-6	Z7.210.3427.0	50
9215 M-70	Z7.210.3027.0	10
<b>WK 4 E/U, Spacing 6mm, 1mm thick</b>		
Jumper comb, insulated for lower tier without wire		
VB WK 4E-2	07.255.2227.0	10
VB WK 4E-12	07.255.3227.0	10
Jumper comb, insulated for lower tier with wire		
VBS WK 4E-2	07.256.4227.0	10
VBS WK 4E-12	07.256.5227.0	10

**Selectable connecting link  
Test socket**

When selectable connecting links are used, the rated voltage is reduced to 380V!

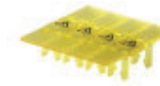
Type	Part No.	Std. Pack
<b>WK 2,5/U, Spacing 5mm, Screw M2,5</b>		
Select. connecting link	Z7.269.4023.0	50
Test socket	05.509.6021.0	10
<b>WKN 2,5 E/U, Spacing 5mm, Screw M2,5</b>		
Test socket	05.509.6021.0	10
<b>WK 4/U, Spacing 6mm, Screw M3</b>		
Select. connecting link	Z7.269.4123.0	50
Test socket	05.508.8921.0	10
<b>WK 4 D1/2 and D2/2, Spacing 6mm, Screw M3</b>		
Test socket	05.508.8921.0	10
<b>WK 4 E/U, Spacing 6mm, Screw M3</b>		
Select. connecting link	Z7.269.2923.0	50
Test socket	05.508.8921.0	10



**Cover for cross connector**

over 10 blocks  
Version E and „blank“ without opening  
Version P with opening for test pin

Type	Part No.	Std. Pack
<b>WK 2,5/U, Spacing 5mm</b>		
AD VB 5/10 E GELB	04.342.0556.8	10
AD VB 5/10 P GELB	04.342.3556.8	10
<b>WKN 2,5 E/U, Spacing 5mm</b>		
AD VB 5/10 E GELB	04.342.0556.8	10
AD VB 5/10 P GELB	04.342.3556.8	10
<b>WK 4/U, Spacing 6mm</b>		
AD VB 6/10 GELB	04.342.0656.8	10
AD VB 6/10 P GELB	04.342.3656.8	10
<b>WK 4 D1/2 and D2/2, Spacing 6mm</b>		
AD VB 6/10 GELB	04.342.0656.8	10
AD VB 6/10 P GELB	04.342.3656.8	10
<b>WK 4 D/E/U, Spacing 6mm</b>		
AD VB 6/10 GELB	04.342.0656.8	10
AD VB 6/10 P GELB	04.342.3656.8	10
<b>WK 4 E/U, Spacing 6mm</b>		
AD VB 6/10 E GELB	04.342.2656.8	10
AD VB 6/10 EP GELB	04.342.5656.8	10



**Cover strip with warning symbol**  
over 4 blocks

Type	Part No.	Std. Pack
<b>WK 2,5/U, Spacing 5mm</b>		
AD 5/4 GELB	04.343.4756.8	10
<b>WKN 2,5 E/U, Spacing 5mm</b>		
AD 5/4 GELB	04.343.4756.8	10
<b>WK 4/U, Spacing 6mm</b>		
AD 6/4 GELB	04.343.4856.8	10
<b>WK 4 D1/2 and D2/2, Spacing 6mm</b>		
AD 6/4 GELB	04.343.4856.8	10
<b>WK 4 D/E/U, Spacing 6mm</b>		
AD 6/4 GELB	04.343.4856.8	10



**Single cover with marking facility for cross connector**

type AD VB ...

**Partition plate with marking facility for cross connector**

type TS ...

Type	Part No.	Std. Pack
<b>WK 2,5/U, Spacing 5mm</b>		
AD VB 2,5 GELB	04.326.2053.8	10
TS 2,5 GELB	07.311.2053.8	10
<b>WKN 2,5 E/U, Spacing 5mm</b>		
AD VB 2,5 GELB	04.326.2053.8	10
TS 2,5 GELB	07.311.2053.8	10
<b>WK 4/U, Spacing 6mm</b>		
AD VB 4 GELB	04.326.2153.8	10
TS 4 GELB	07.311.2153.8	10
<b>WK 4 D1/2 and D2/2, Spacing 6mm</b>		
AD VB 4 GELB	04.326.2153.8	10
TS 4/15 GELB	07.311.2953.8	10
<b>WK 4 D/E/U, Spacing 6mm</b>		
AD VB 4 GELB	04.326.2153.8	10
TS 4/15 GELB	07.311.2953.8	10
<b>WK 4 E/U, Spacing 6mm</b>		
AD VB 4/15 GELB	04.326.2953.8	10

## Accessories for DIN rail terminal blocks with screw connection



**Test plug**  
**Short-circuit plug**  
**Test Sockets**  
250V/2A

**Test adapter with solder connection,**  
can be snapped on modularly

**Test adapter**  
for WK 4

Part No.	Std. Pack	Part No.	Std. Pack	Part No.	Std. Pack
<b>WK 2,5 ... and WKN 2,5 ..., Spacing 5mm, Screw M2,5</b>		<b>WK 2,5, Spacing 5mm</b>			
Test plug ST 2/2 RT	Z5.553.2921.0 10				
Test plug ST 2/2 SW	Z5.553.2921.1 50				
Test plug ST 2/2 BL	Z5.553.2921.6 100				
Test socket for WK 2,5	05.509.6021.0 10				
<b>WK 4 ... , Spacing 6mm, Screw M3</b>		<b>WK 4 ... , Spacing 6mm</b>		<b>WK 4/U, Spacing 6mm</b>	
Test plug ST 2/2,3 RT	Z5.553.2921.0 10	Test adapter for WK 4, 230V/2A		Test adapter for WK 4, 10-250V/10mA - 3,5A	
Test plug ST 2/2,3 SW	Z5.553.2921.1 50	with locking	Z1.299.6153.0 10	1 pole, without cont. pin	Z1.299.9253.0 10
Test plug ST 2/2,3 BL	Z5.553.2921.6 100	without locking	Z1.299.8153.0 10	1 pole, snap-on	Z1.299.9453.0 10
Short-circuit plug	Z5.553.9400.0 100	Test adapter for WK 4 E, 230V/5A		10 pole with locking device and strain relief	
Test socket for WK 4...	05.509.8921.0 10	with locking	Z1.299.9053.0 10	PS110-WK4	Z1.299.9553.0 10
Test socket for WK 4 E...	05.509.8821.0 10	Contact pin	05.549.1200.0 1	Contact pin	05.549.1200.0 1
<b>WK 6, Spacing 8mm, Screw M3,5</b>					
Test plug ST 2/4 SW	Z5.553.3021.0 10				
Test socket for WK 6	05.508.3221.0 10				
<b>WKN 10, Spacing 10mm, Screw M3,5</b>					
Test plug ST 2/4 SW	Z5.553.3021.0 10				
Test socket for WK 10	05.509.3121.0 10				
<b>WKN 16, Spacing 12mm, Screw M5</b>					
Test plug ST 2/4 SW	Z5.553.3021.0 10				
Test socket for WK 10	05.509.3121.0 10				
<b>WKN 35, Spacing 16mm, Screw M6</b>					
Test plug ST 2/4 SW	Z5.553.3021.0 10				
Test socket for WK 10	05.509.3121.0 10				

### Rapid mounting tool

### Screwdriver

as tool to be used

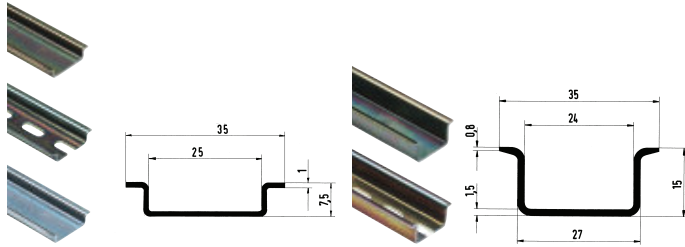
Part No.	Std. Pack	Type	Part No.	Std. Pack		II	III
<b>WK 2,5, Spacing 5mm</b>		<b>WK 2,5, Spacing 5mm</b>	<b>WK 2,5, Spacing 5mm</b>				
Rapid mounting tool	05.594.5853.0 10	Design: uninsulated, long and straight			Screw for clamping body M2,5*	Nm	0,4 10,4
		DIN 5264 B 0,6x3,5	06.502.4000.0	10	Screw for cross connector M2,5*	Nm	0,4 0,4
		Design: uninsulated, short and straight					
		DIN 5264 B 0,6x3,5	06.502.4000.0	10			
<b>WK 4 ... , Spacing 6mm</b>		<b>WK 4 ... , Spacing 6mm</b>	<b>WK 4 ... , Spacing 6mm</b>				
for WK 4/U		Design: uninsulated, long and straight			Screw for clamping body M3*	Nm	0,5 0,5
Rapid mounting tool	05.594.5953.0 10	DIN 5264 B 0,6x3,5	06.502.4000.0	10	Screw for cross connector M3*	Nm	0,5 0,5
for WK 4 E/U		Design: uninsulated, short and straight					
Rapid mounting tool	05.594.8153.0 10	DIN 5264 B 0,6x3,5	06.502.4000.0	10			
<b>WK 6, Spacing 8mm</b>		<b>WK 6, Spacing 8mm</b>	<b>WK 6, Spacing 8mm</b>				
Rapid mounting tool	05.594.6053.0 10	Design: uninsulated, long and straight			Screw for clamping body M4*	Nm	1,2 1,2
		DIN 5264 B 0,8x4	06.502.4100.0	10	Screw for cross connector M3,5*	Nm	0,8 0,8
		Design: uninsulated, long and straight					
		DIN 5264 B 1x5,5	06.502.4200.0	10			
<b>WKN 10, Spacing 10mm</b>		<b>WKN 10, Spacing 10mm</b>	<b>WKN 10, Spacing 10mm</b>				
		Design: uninsulated, long and straight			Screw for clamping body M5*	Nm	2,0 2,0
		DIN 5264 B 1x5,5	06.502.4200.0	10	Screw for cross connector M3,5*	Nm	0,8 0,8
<b>WKN 16, Spacing 12mm</b>		<b>WKN 16, Spacing 12mm</b>	<b>WKN 16, Spacing 12mm</b>				
		Design: uninsulated, long and straight			Screw for clamping body M6*	Nm	2,5 3,0
		DIN 5264 B 1x5,5	06.502.4200.0	10	Screw for cross connector M4*	Nm	1,2 1,2
<b>WKN 35, Spacing 16mm</b>		<b>WKN 35, Spacing 16mm</b>	<b>WKN 35, Spacing 16mm</b>				
		Design: uninsulated, long and straight			Screw for clamping body M6*	Nm	2,5 3,0
		DIN 5264 B 1x5,5	06.502.4200.0	10	Screw for cross connector M5*	Nm	2,0 2,0
<b>WKN 70, Spacing 24mm</b>		<b>WKN 70, Spacing 24mm</b>	<b>WKN 70, Spacing 24mm</b>				
		Design: uninsulated, long and straight			Screw for clamping body M8*	Nm	3,5 6,0
		DIN 5264 B 1x5,5	06.502.4200.0	10	Screw for cross connector M6*	Nm	2,5 3,0
<b>WKN 150, Spacing 28mm</b>		<b>WKN 150, Spacing 28mm</b>	<b>WKN 150, Spacing 28mm</b>				
		Design: uninsulated, long and straight			Screw for clamping body M10*	Nm	4,0 10,0
		DIN 5264 B 1x5,5	06.502.4200.0	10	Screw for cross connector M8*	Nm	3,5 6,0

**Tightening torques** as per EN 60947-1 for **selos** DIN rail blocks  
 II Screws which are tightened with a screwdriver  
 III Screws which are tightened with a tool other than a screwdriver

\*See also AT catalog, chapter on **facts** & DATA

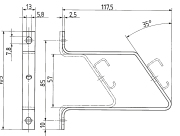
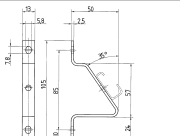
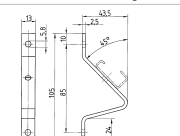


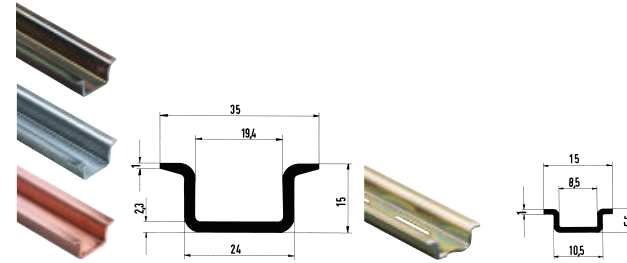
Accessories for DIN rail terminal blocks with screw connection



Mounting rail 35x7,5 according to DIN EN 60715

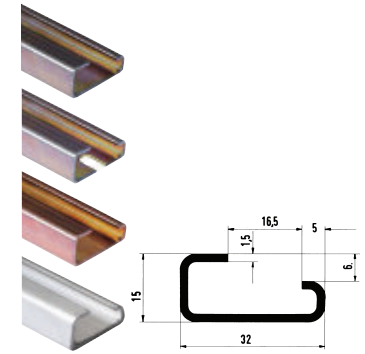
Mounting rail 35x15 according to DIN EN 60715

Mounting rail				Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
1.	Steel, galv. zinc-plated and dichromated	unslotted	L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 15 EN 60715	98.370.0000.0	1
	Steel, galv. zinc-plated and dichromated	slotted	L = 2 m	35 x 27 x 7,5 EN 60715	98.300.1000.0	1	35 x 27 x 15 EN 60715	98.370.1000.0	1
	Steel, galv. zinc-plated and dichromated	slotted	L = 1 m				35 x 27 x 15 EN 60715	98.375.1000.0	1
2.	Steel, unplated	unslotted	L = 2 m	35 x 27 x 7,5 EN 60715	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				35 x 27 x 15 EN 60715	98.370.1001.0	1
4.	Steel, V2A	slotted	L = 2 m						
5.	E copper	unslotted	L = 2 m						
	E copper	slotted	L = 2 m						
6.	Aluminium	unslotted	L = 2 m						
<b>Accessories</b>									
	Angled support bracket with mounting material			9018 D	Z5.516.2511.0	50	9018 D	Z5.516.2511.0	50
									
	Angled support bracket with mounting material			9018 H	Z5.516.2711.0	50	9018 H	Z5.516.2711.0	50
									
	Angled support bracket with mounting material			9018 N	Z5.516.2811.0	50	9018 N	Z5.516.2811.0	50
									



Mounting rail 35x24 according to DIN EN 60715

Mounting rail 15x5,5 according to DIN EN 60715



Mounting rail 32x15 according to DIN EN 60715

Mounting rail 35x24			Type	Part No.	Std. Pack	Mounting rail 15x5,5			Type	Part No.	Std. Pack
35 x 24 x 15 EN 60715	98.360.0000.0	1	9021 / 15 x 5,5 EN 60715	98.090.0015.0	10	9006 EN 60715 G-32	98.190.0000.0	1			
			9021 / 15 x 5,5 EN 60715	98.090.0000.0	1	9006 EN 60715 G-32	98.190.1000.0	1			
35 x 24 x 15 EN 60715 ZN	98.360.0004.0	1									
35 x 24 x 15 EN 60715 CU	98.380.0000.0	10				9006 E-CU	98.220.0000.0	10			
						9006 AL	98.210.0000.0	1			
9018 D	Z5.516.2511.0	50	9018 D	Z5.516.2511.0	50	9018 D	Z5.516.2511.0	50			
9018 H	Z5.516.2711.0	50	9018 H	Z5.516.2711.0	50	9018 H	Z5.516.2711.0	50			
9018 N	Z5.516.2811.0	50	9018 N	Z5.516.2811.0	50	9018 N	Z5.516.2811.0	50			

## Accessories for DIN rail terminal blocks with screw connection



**End clamp for TS 35 no-screw mounting**

**End clamp for TS 35 no-screw mounting**

**End clamp for TS 35 screw mounting**

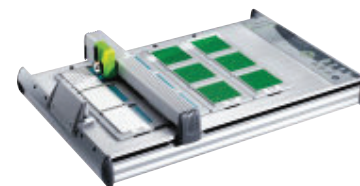
**End clamp for TS 15 screw mounting**

**End clamp with U-foot screw mounting**

	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
<b>End clamp</b>						
1. End clamp TS 35 without screws	5 mm wide	WEF 2 /35	Z5.523.9453.0	100		
2. End clamp TS 35 without screws	8mm wide			WEF 1 /35	Z5.523.9353.0	100
3. End clamp TS 35 without screws	8/17.5mm wide with marking facilities			WEF 1 BS /35	69.920.1053.0	100
4. End clamp TS 35 with screws	8mm wide					
5. End clamp TS 35 with screws	8/17.5mm wide with marking facilities					
6. End clamp TS 15 with screws	7.5mm wide					
End clamp, steel (without picture)	5mm wide					
7. End clamp with U-foot	10mm wide					
8. End clamp with U-foot	10/17.5mm wide with marking facilities					
9. End clamp with U-foot	10mm wide					
10. End clamp with U-foot	10/17.5mm wide with marking facilities					
<b>Accessories</b>						
Marking tag for WEF 1/35	8/17.5mm wide			BS/R	69.920.1053.0	10
Marking cardboard in perforated sheets	100 tags/sheet				04.019.0289.0	10

Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
9708/2 S 35	Z5.522.8553.0	100						
9708/2 BS 35	69.920.0553.0	100						
			9208 S 15	Z5.522.7553.0	100			
			9222 S 15	Z5.522.5010.0	100			
						WE 1 /U	Z5.523.5753.0	100
						WE 1 BS /U	69.920.0753.0	100
						WE 2 /U	Z5.523.5653.0	100
						WE 2 BS /U	69.920.0653.0	100
BS/R	69.920.1053.0	10				BS/R	69.920.1053.0	10
	04.019.0289.0	10					04.019.0289.0	10

## Configuration and marking systems for DIN rail terminal blocks



### Configuration software *wieplan*

Type	Part No.	Std. Pack
wieplan CD	95.502.1000.0	1
<b>Contents:</b>		
CD with cover		
<b>Description:</b>		
<i>wieplan</i> is a software used to configure, document and order DIN rail terminal block assemblies. The intuitive user interface makes working with <i>wieplan</i> as easy as child's play.		
<i>wieplan</i> enables data exchange through CAE systems:		
– EPLAN 5		
– EPLAN Electric P8		
<b>System requirements:</b>		
Pentium II PC or compatible, min. 200 MHz		
64 Mbyte RAM		
CD-ROM drive		
VGA graphics adapter and monitor		
<b><i>wieplan</i> supports:</b>		
– Windows 98®		
– Windows 2000®		
– Windows NT®		
– Windows ME®		
– Windows XP®		
see page 10		

### Marking computer *marcom 2*

Type	Part No.	Std. Pack
marcom 2	95.502.0000.0	1
<b>Contents:</b>		
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		
<b>Description:</b>		
<i>marcom 2</i> 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 alphanumeric characters and symbols.		
<i>marcom 2</i> is portable and can be used at any location; it can be operated either using the mains or batteries.		
<b>Technical data:</b>		
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		
see page 10		

### Marking software *wiemarc*

Type	Part No.	Std. Pack
wiemarc CD	95.502.0501.0	1
<b>Contents:</b>		
CD with cover		
<b>Description:</b>		
<i>wiemarc</i> is a Windows® based plotter software for customized marking using the <i>wieplot</i> 500 plotter system.		
Both the Wieland standard marking system and marking tags and labels of other suppliers can be marked easily. The <i>wiemarc</i> software version 4.0 provides the option of connecting to the <i>wieplot</i> 500 E-UNIT engraving system.		
<b>System requirements:</b>		
Pentium II PC or compatible, min. 200 MHz		
64 Mbyte RAM		
CD-ROM drive		
VGA graphics adapter and monitor		
<b><i>wiemarc</i> supports:</b>		
– Windows 98®		
– Windows 2000®		
– Windows NT®		
– Windows ME®		
– Windows XP®		
see page 11		

### Plotter system *wieplot*500

Type	Part No.	Std. Pack
Complete package	95.502.0604.0	1
<b>Contents:</b>		
Plotter <i>wieplot</i> 500		
Data cable and manual		
4 receptacles for WSB*		
Accessories kit		
Software <i>wiemarc</i>		
<b>Description:</b>		
With <i>wiemarc</i> you can create customized marking data on your PC. These can then be output on the <i>wieplot</i> 500 plotter system to various marking plates.		
* WSB (= Wieland standard marking system)		
<b>Technical data:</b>		
Resolution: 0.01 mm		
Accuracy: +/- 0.05 mm		
Power supply unit: 50/60 Hz, 100 - 240 V		
Output voltage: 24 VDC 1.4 A		
Current input: app. 0.3 A at 220 V		
Approval: UL-UL1950		
CSA 950		
VDE EN 60950		
Radio interf. suppr.: FCC class B		
FCC sect. 15 and VDE class B		
Dimensions: 660 mm x 440 mm x 125 mm		
Weight: 8 kg		
Interfaces: USB Level 1.1, parallel		
see page 11		

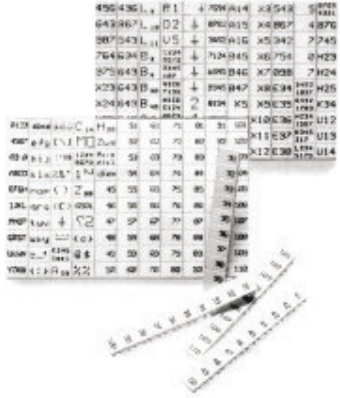
### Accessories for *wieplot*500

Type	Part No.	Std. Pack
Accessories Kit	95.502.0610.0	1
<b>Contents:</b>		
Plotter pen 0,25 mm with ink cartridge		
Permanent Plotter pen 0.3 mm		
Cleaning set		
<b>Plotter pens for <i>wieplot</i>500 System:</b>		
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	
Plotter pen 0.70 mm	95.502.0170.0	
Plotter pen 1.00 mm	95.502.0100.0	
Perm. pl. pen 0.30 mm	95.502.0230.0	
Perm. pl. pen 0.70 mm	95.502.0270.0	
Dispos. pl. pen 0.25 mm	95.502.0125.1	
Dispos.pl. 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	
<b>Accessories:</b>		
Ink cartridge P1.0, 5 x1ml	95.502.0199.0	
Cleaning set	95.502.0198.0	
Pen cleaner	95.502.0197.0	
Dust protection hood	95.502.0612.0	
Service kit – pen station	95.502.0613.0	
Seal inserts kit		
<b>Receptacles (Rec.) for Wieland marking plates</b>		
Receptacle for WSB	95.502.0620.0	
Rec. for BZ/WKF 15,	95.502.0627.0	
Rec. for BZ/WKF 1,5/10	95.502.0628.0	
Available on request:		
Receptacles for marking systems from competition		
Use of <i>wiemarc</i> with non-Wieland plotter systems		

### Engraving unit for *wieplot*500

Type	Part No.	Std. Pack
wieplot 500 E-UNIT	95.502.0700.0	1
<b>Contents:</b>		
Engraving spindle		
Engraving head (with fuse and counter bearing)		
Control unit <i>wieplot</i> vc 500		
Vacuum cleaner <i>wieplot</i> vc 500		
Connection cables		
<b>Description:</b>		
The <i>wieplot</i> 500 E-UNIT engraving unit has been designed for use with the <i>wieplot</i> 500 plotter. The system is set up for engraving multi-layer plastic tags. 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.		
<b>Accessories:</b>		
Graving tool SET, complete	95.502.0710.0	
Graving tool 0.2 mm	95.502.0710.2	
Graving tool 0.3 mm	95.502.0710.3	
Graving tool 0.4 mm	95.502.0710.4	
Graving tool 0.5 mm	95.502.0710.5	
Graving tool 0.7 mm	95.502.0710.7	
Graving tool 1.0 mm	95.502.0711.0	
<b>Receptacle:</b>		
Plotboard A4	95.502.0625.0	

## Marking accessories for DIN rail terminal blocks



### Marking plates

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

### All blocks/ 5 mm wide and larger

Type	Part No.	Std. Pack
<b>Marking plate, unmarked</b>		
<b>Width 5 x 8.3 mm</b>		110 tags per plate
9075 A/5/10/11	Z4.242.5053.0	10

Type	Part No.	Std. Pack
<b>Width 5 x 14 mm</b>		60 tags per plate
9075 AL/5/10/6	Z4.242.5153.0	10

Type	Part No.	Std. Pack
<b>Marking plate, unmarked</b>		
<b>Width 6 x 8.3 mm</b>		110 tags per plate
9075 A/6/10/11	Z4.242.6053.0	10

Type	Part No.	Std. Pack
<b>Width 6 x 14 mm</b>		60 tags per plate
9075 AL/6/10/6	Z4.242.6153.0	10

Type	Part No.	Std. Pack
<b>Marking plate, unmarked</b>		
<b>Width 8 x 8.3 mm</b>		70 tags per plate
9075 A/8/10/7	Z4.242.8053.0	10

### 2.5mm<sup>2</sup>/5mm wide

Type	Part No.	Std. Pack
<b>Marking strips, unmarked</b>		
9075 A/5/10	04.242.5053.0	25

Type	Part No.	Std. Pack
<b>Marking strips, marked</b>		
9075A/5/10 B 1 - 9	04.842.4953.0	25
9075A/5/10 B *	04.842.5053.0	25
9075A/5/10 B 1 - 10	04.845.0153.0	25
9075A/5/10 B 11 - 20	04.845.0253.0	25
9075A/5/10 B 21 - 30	04.845.0353.0	25
9075A/5/10 B 31 - 40	04.845.0453.0	25
9075A/5/10 B 41 - 50	04.845.0553.0	25
9075A/5/10 B 51 - 60	04.845.0653.0	25
9075A/5/10 B 61 - 70	04.845.0753.0	25
9075A/5/10 B 71 - 80	04.845.0853.0	25
9075A/5/10 B 81 - 90	04.845.0953.0	25
9075A/5/10 B 91 - 100	04.845.1053.0	25

Type	Part No.	Std. Pack
9075A/5/10B SLZ	04.855.0053.0	25
9075A/5/10B ERDZ	04.855.0153.0	25
9075A/5/10 B +	04.855.0253.0	25
9075A/5/10 B -	04.855.0353.0	25
9075A/5/10B L1	04.855.0453.0	25
9075A/5/10B L2	04.855.0553.0	25
9075A/5/10B L3	04.855.0653.0	25
9075A/5/10B PE	04.855.0753.0	25
9075A/5/10B SL	04.855.3153.0	25
9075A/5/10B N	04.855.3253.0	25
9075A/5/10B F1	04.855.0953.0	25
9075A/5/10B F2	04.855.1053.0	25
9075A/5/10B L1L2L3NPE..	04.855.0853.0	25

Type	Part No.	Std. Pack
<b>with enlarged marking area</b>		
9075 AL/5/10	04.242.5153.0	25

\* Custom marking upon request

### 4mm<sup>2</sup>/6mm wide

Type	Part No.	Std. Pack
<b>Marking strips, unmarked</b>		
9075 A/6/10	04.242.6053.0	25

Type	Part No.	Std. Pack
<b>Marking strips, marked</b>		
9075A/6/10 B 1 - 9	04.842.5953.0	25
9075A/6/10 B *	04.842.6053.0	25
9075A/6/10 B 1 - 10	04.846.0153.0	25
9075A/6/10 B 11 - 20	04.846.0253.0	25
9075A/6/10 B 21 - 30	04.846.0353.0	25
9075A/6/10 B 31 - 40	04.846.0453.0	25
9075A/6/10 B 41 - 50	04.846.0553.0	25
9075A/6/10 B 51 - 60	04.846.0653.0	25
9075A/6/10 B 61 - 70	04.846.0753.0	25
9075A/6/10 B 71 - 80	04.846.0853.0	25
9075A/6/10 B 81 - 90	04.846.0953.0	25
9075A/6/10 B 91 - 100	04.846.1053.0	25

Type	Part No.	Std. Pack
9075A/6/10 B SLZ	04.856.0053.0	25
9075A/6/10 B ERDZ	04.856.0153.0	25
9075A/6/10 B +	04.856.0253.0	25
9075A/6/10 B -	04.856.0353.0	25
9075A/6/10 B L1	04.856.0453.0	25
9075A/6/10 B L2	04.856.0553.0	25
9075A/6/10 B L3	04.856.0653.0	25
9075A/6/10 B PE	04.856.0753.0	25
9075A/6/10 B SL	04.856.3153.0	25
9075A/6/10 B N	04.856.3253.0	25
9075A/6/10 B F1	04.856.0953.0	25
9075A/6/10 B F2	04.856.1053.0	25
9075A/6/10 B L1L2L3NPE..	04.856.0853.0	25

Type	Part No.	Std. Pack
<b>with enlarged marking area</b>		
9075 AL/6/10	04.242.6353.0	25

\* Custom marking upon request

### 6mm<sup>2</sup>/6mm wide

Type	Part No.	Std. Pack
<b>Marking strips, unmarked</b>		
9075 A/8/10	04.242.8053.0	25

Type	Part No.	Std. Pack
<b>Marking strips, marked</b>		
9075A/8/10 B 1 - 9	04.842.7953.0	25
9075A/8/10 B *	04.842.8053.0	25
9075A/8/10 B 1 - 10	04.848.0153.0	25
9075A/8/10 B 11 - 20	04.848.0253.0	25
9075A/8/10 B 21 - 30	04.848.0353.0	25
9075A/8/10 B 31 - 40	04.848.0453.0	25
9075A/8/10 B 41 - 50	04.848.0553.0	25
9075A/8/10 B 51 - 60	04.848.0653.0	25
9075A/8/10 B 61 - 70	04.848.0753.0	25
9075A/8/10 B 71 - 80	04.848.0853.0	25
9075A/8/10 B 81 - 90	04.848.0953.0	25
9075A/8/10 B 91 - 100	04.848.1053.0	25

Type	Part No.	Std. Pack
9075A/8/10 B SLZ	04.858.0053.0	25
9075A/8/10 B ERDZ	04.858.0153.0	25
9075A/8/10 B +	04.858.0253.0	25
9075A/8/10 B -	04.858.0353.0	25
9075A/8/10 B L1	04.858.0453.0	25
9075A/8/10 B L2	04.858.0553.0	25
9075A/8/10 B L3	04.858.0653.0	25
9075A/8/10 B PE	04.858.0753.0	25
9075A/8/10 B SL	04.858.3153.0	25
9075A/8/10 B N	04.858.3253.0	25
9075A/8/10 B F1	04.858.0953.0	25
9075A/8/10 B F2	04.858.1053.0	25
9075A/8/10 B L1L2L3NPE..	04.858.0853.0	25

Type	Part No.	Std. Pack
<b>with enlarged marking area</b>		
9075 AL/8/10	04.242.8353.0	25

\* Custom marking upon request

10mm<sup>2</sup>/10mm wide  
16mm<sup>2</sup>/12mm wide  
35mm<sup>2</sup>/16mm wide  
70mm<sup>2</sup>/24mm wide

### 10mm<sup>2</sup>/10mm Baubreite

Type	Part No.	Std. Pack
<b>for 5 blocks</b>		
9075 A/5/10/5 B	04.842.5553.0	25

### 16mm<sup>2</sup>/12mm wide

Type	Part No.	Std. Pack
<b>for 5 blocks</b>		
9075 A/6/10/5 B	04.842.6553.0	25

### 35mm<sup>2</sup>/16mm wide

Type	Part No.	Std. Pack
<b>for 5 blocks</b>		
9075 A/8/10/5 B	04.842.8553.0	25

### 70mm<sup>2</sup>/24mm wide

Type	Part No.	Std. Pack
<b>for 4 blocks</b>		
9075 A/8/10/5 B	04.842.8553.0	25



## Marking accessories for DIN rail terminal blocks



### Tear-off marking strips with 10 marking tags For single symbol marking

Type	Part No.	Std. Pack
<b>Tear-off marking strips, unmarked</b>		
9704 A	04.241.1150.0	25
<b>Tear-off marking strips marked with the same number</b>		
9704 A/1 B	1 04.841.1150.0	25
9704 A/2 B	2 04.841.1250.0	25
9704 A/3 B	3 04.841.1350.0	25
9704 A/4 B	4 04.841.1450.0	25
9704 A/5 B	5 04.841.1550.0	25
9704 A/6 B	6 04.841.1650.0	25
9704 A/7 B	7 04.841.1750.0	25
9704 A/8 B	8 04.841.1850.0	25
9704 A/9 B	9 04.841.1950.0	25
9704 A/0 B	0 04.841.2050.0	25

### Tear-off marking strips with 10 marking tags For single symbol marking

Type	Part No.	Std. Pack
<b>Tear-off marking strips marked with the same upper case letters</b>		
9704 A /AG B	A 04.841.2250.0	25
9704 A /BG B	B 04.841.2350.0	25
9704 A /CG B	C 04.841.2450.0	25
9704 A /DG B	D 04.841.2550.0	25
9704 A /EG B	E 04.841.2650.0	25
9704 A /FG B	F 04.841.2750.0	25
9704 A /GG B	G 04.841.2850.0	25
9704 A /HG B	H 04.841.2950.0	25
9704 A /IG B	I 04.841.3050.0	25
9704 A /JG B	J 04.841.3150.0	25
9704 A /KG B	K 04.841.3250.0	25
9704 A /LG B	L 04.841.3350.0	25
9704 A /MG B	M 04.841.3450.0	25
9704 A /NG B	N 04.841.3550.0	25
9704 A /OG B	O 04.841.3650.0	25
9704 A /PG B	P 04.841.3750.0	25
9704 A /QG B	Q 04.841.3850.0	25
9704 A /RG B	R 04.841.3950.0	25
9704 A /SG B	S 04.841.4050.0	25
9704 A /TG B	T 04.841.4150.0	25
9704 A /UG B	U 04.841.4250.0	25
9704 A /VG B	V 04.841.4350.0	25
9704 A /WG B	W 04.841.4450.0	25
9704 A /XG B	X 04.841.4550.0	25
9704 A /YG B	Y 04.841.4650.0	25
9704 A /ZG B	Z 04.841.4750.0	25

### Tear-off marking strips with 10 marking tags For single symbol marking

Type	Part No.	Std. Pack
<b>Tear-off marking strips marked with the same lower case letters</b>		
9704 A /AK B	a 04.841.4850.0	25
9704 A /BK B	b 04.841.4950.0	25
9704 A /CK B	c 04.841.5050.0	25
9704 A /DK B	d 04.841.5150.0	25
9704 A /EK B	e 04.841.5250.0	25
9704 A /FK B	f 04.841.5350.0	25
9704 A /GK B	g 04.841.5450.0	25
9704 A /HK B	h 04.841.5550.0	25
9704 A /IK B	i 04.841.5650.0	25
9704 A /JK B	j 04.841.5750.0	25
9704 A /KK B	k 04.841.5850.0	25
9704 A /LK B	l 04.841.5950.0	25
9704 A /MK B	m 04.841.6050.0	25
9704 A /NK B	n 04.841.6150.0	25
9704 A /OK B	o 04.841.6250.0	25
9704 A /PK B	p 04.841.6350.0	25
9704 A /QK B	q 04.841.6450.0	25
9704 A /RK B	r 04.841.6550.0	25
9704 A /SK B	s 04.841.6650.0	25
9704 A /TK B	t 04.841.6750.0	25
9704 A /UK B	u 04.841.6850.0	25
9704 A /VK B	v 04.841.6950.0	25
9704 A /WK B	w 04.841.7050.0	25
9704 A /XK B	x 04.841.7150.0	25
9704 A /YK B	y 04.841.7250.0	25
9704 A /ZK B	z 04.841.7350.0	25

<b>Set of tear-off marking tags marked with same numbers</b>		
= 10 x 25 strips = 2.500 numbers		
111 up to 000	04.841.9050.0	1

<b>Set of tear-off marking tags marked with same upper case letters</b>		
= 26 x 25 strips = 6.500 numbers		
A up to Z GB	04.841.9150.0	1

<b>Set of tear-off marking tags marked with same lower case letters</b>		
= 26 x 25 strips = 6.500 numbers		
A up to Z KB	04.841.9250.0	1

### Assortment box For marking materials

Type	Part No.	Std. Pack
<b>Assortment box for 5 mm width</b>		
S0 1/5	04.900.2053.0	1
Assortment for 5 mm width		
9705 A/5/10 B	1-100 04.855.1153.0	1
9705 A/5/10 B	101-200 04.855.1253.0	1
<b>Assortment box for 6 mm width</b>		
S0 1/6	04.900.3053.0	1
Assortment for 6 mm width		
9705 A/6/10 B	1-100 04.856.1153.0	1
9705 A/6/10 B	101-200 04.1253.0	1
<b>Assortment box for 8 mm width</b>		
S0 1/8	04.900.4053.0	1
Assortment for 8 mm width		
9705 A/8/10 B	1-100 04.858.1153.0	1
9705 A/8/10 B	101-200 04.858.1253.0	1
<b>Assortment box for tear-off marking tags with 50 digits each</b>		
S0 1/0	04.900.1053.0	1
<b>Assortment box, empty</b>		
S0 1	04.900.0000.0	1

### Marking tag carrier For all blocks

Type	Part No.	Std. Pack
<b>Marking tag carrier, 4 digits</b>		
9705 A/4	04.242.0950.0	200
<b>Marking tag carrier, 6 digits</b>		
9705 A/6	04.242.1250.0	200
<b>Marking tag carrier, 45° angle</b>		
9705 A/4 W	04.242.2853.0	200

### Partition with marking facilities

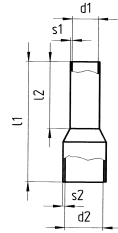
Type	Part No.	Std. Pack
<b>Partition with carrier for marking tags</b>		
for TS32 and TS35	Z7.311.1755.0	10
for TS15	Z7.311.2755.0	10
<b>Partition with carrier for marking cards</b>		
for TS32 and TS35	Z7.311.7055.0	10
<b>Accessories</b>		
Marking card in perforated sheets		100 tags/sheets
	04.019.0289.0	10

### Ferrules for DIN rail terminal blocks

#### Ferrules with insulating material sleeve

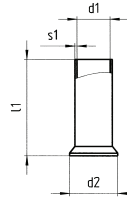
Materials:  
Sleeve:  
Polypropylene, temperature resistance 105°C,  
creepage resistant

Tube:  
E-Cu, galvanically tin-plated



#### Ferrules without insulating material sleeve

Materials:  
Tube:  
E-Cu, galvanically tin-plated



Cross section mm <sup>2</sup>	Color	Type	Part No.	Std. Pack
<b>Ferrules with insulating material sleeve according to DIN 46228T4</b>				
0.50 norm.	white		06.600.2027.0	100
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
<b>Ferrules without insulating material sleeve according to DIN 46228T1</b>				
0.50 norm.			06.600.4027.0	1000
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 for DIN rail terminal blocks



#### Wire strippers

0.08 - 10mm<sup>2</sup>

#### Pressing tools

A: 0.08 - 10 mm<sup>2</sup>      AWG 28 - 7  
B: 10 - 25 mm<sup>2</sup>      AWG 7 - 4  
C: 35 - 50 mm<sup>2</sup>      AWG 2 - 1/0

Wire strippers	Type	Part No.	Std. Pack	Pressing tool for ferrules	Type	Part No.	Std. Pack
	AIWA	95.350.0100.0	1	Pressing tool A	PW/A	95.101.1300.0	1
				Pressing tool B	PW/B	95.101.1100.0	1
				Pressing tool C	PW/C	95.101.1200.0	1

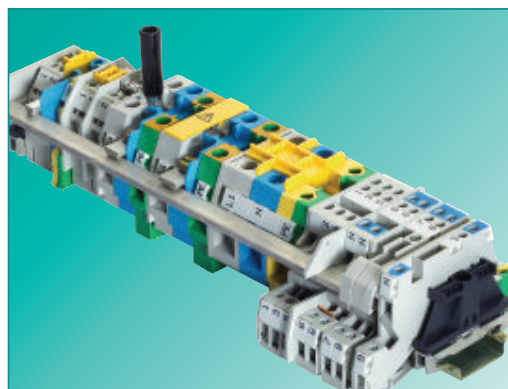
## DIN rail terminal blocks for junction boxes with screw connection

„We at Wieland“ know what you need!

For more than 90 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

#### The right solution for your application

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

It's your choice. The connection technology can be implemented either in purely spring clamp or screw technology or they can be mixed together.

### fasis BIT-S

Typ WKIS...

#### DIN rail terminal blocks with push-in spring connection

The new installation blocks of series **fasis** BIT-S with push-in are an outstanding addition to the existing product 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 which saves considerable time.

### fasis BIT

Typ WKF/WKIF...

#### DIN rail terminal blocks with tension spring connection

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 mm<sup>2</sup> and 16 mm<sup>2</sup> the **fasis** BIT series enables many innovative solutions for various requirements.

### selos BIT

Typ WK/WKI...

#### DIN rail terminal blocks with screw connection

The screw connection technology of series **selos** BIT is the best known and most widely 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 user-friendly **selos** BIT series can be used universally in the wire range between 0.5 mm<sup>2</sup> and 50 mm<sup>2</sup>.


## Information about EXe

### Technical information

- The information regarding cross sectional area and connection types pertains to unprepared wires without ferrules!  
Ferrules are not necessary for secure connection. Whenever ferrules are used, make sure that the tools specified by the manufacturer are used exclusively.
- The voltage ratings apply to the terminals in their intended application. When different products are mounted adjacent to each other, the proper isolation distances must be adhered to.
- If the ground blocks of the **selos** product family are not used in block assemblies, but are mounted to the rail as single terminal blocks, end clamps have to be used.
- A detailed description of technical data, the standards requirements, and the application conditions are available under **facts & DATA**.

### ATEX regulation

- For the use of DIN rail terminal blocks in Ex areas, the regulations of EN 60079-0 apply; whereas for increased safety Ex e the regulations of EN 60079-7 must be followed. For an approximation of the laws of the EU member states, directive 94/9/EG was created, which is generally known as ATEX 100a and which is the basis for harmonization in this field. ATEX stands for "atmosphere explosive" while 100a refers to the corresponding article of the EC contract.
- Directive ATEX 100a applies for protection against dust and gas explosions in all industrial Ex areas and in mining.  
The testing and certifying institutes named in directive ATEX 100a must follow accreditation procedures which are the same throughout Europe.
- In accordance with EN 60070-0/60079-7 and ATEX 100a, these certifying institutes write out EC certificates for prototype tests.  
These prototype test certificates for components together with the corresponding quality system certification of the supplier are required to obtain the so-called ATEX approval.
- In combination with the  mark, the markings of the Wieland terminal blocks have the following meaning:
 

	Identification
II	Device group
2	Category
G D	Areas
KEMA	Name of testing institute
ATEX...	Certificate, year of testing, number

### Mounting instructions for Ex e applications

- If feed-through blocks are mounted directly adjacent to other feed-through blocks of a different size, or directly adjacent to ground blocks, the open side of the block group of the same type must be covered by an end plate or partition.
- If adjacent DIN rail terminal blocks are jumpered or if jumpered DIN rail terminal blocks are positioned next to unjumpered DIN rail terminal blocks, a partition plate must be inserted between the individual terminal block groups or at the beginning and end of a laterally or longitudinally connected terminal block (group) in order to meet the specified isolation distances. Notched out and jumpering cross connectors can not be used in Ex areas.
- If the terminal blocks are combined with other certified series and sizes and when their accessories are used, the required creepage distances and clearances must be adhered to.
- The feed through terminal blocks and protective conductor terminal blocks are suitable for enclosures for use in explosive gas atmospheres or for use in the presence of combustible dust. For explosive gas atmospheres these enclosures must satisfy the requirements of EN 60079-0 and EN 60079-7. For combustible dust these enclosures must satisfy the requirements of EN 61241-0 and EN 61241-1 rather EN 50281-1-1.
- The indicated values for the current carrying capability refer to a maximum ambient temperature of 40 °C. When the terminal blocks are loaded with the maximum rated current the temperature rise will be max. 45 K.
- Operating temperature range: -40°C ... +80°C.

### DQS certification for all company sectors

- Quality standard as per DIN ISO 9001 in Development, Production and Assembly
- Continued control of the quality standard by means of regular internal and external quality audits
- Compatible with certificates of other countries:
  - BSI Certificate, Great Britain
  - SQS Certificate, Switzerland
  - Aib-Vincotte Certificate, Belgium
  - OQS Certificate, Austria

