selos

wieland

selos

DIN Rail Terminal Blocks with Screw Connection

Professional Screw Technology

▲ Sales and Marketing Center in Bamberg

▲ Photo of the Bamberg headquarters

▲ STOCKO headquarters in Wuppertal

wieland group

automation
building
electronics

ACTIVE WORLDWIDE

With its staff of almost 2,200 employees, the Wieland Group is at home on all continents. Subsidiaries in Great Britain, France, Spain, Italy, Poland, Canada, the USA, China and Denmark speak for themselves. With a great number of representatives, Wieland Holding is active in almost all strategically important countries. Just a medium-size global player with a clear commitment to the German location where most of the products are still manufactured.

One company group, a thousand opportunities

The philosophy of the Wieland Group with its headquarters in Bamberg can be summarized that simply. The independent subsidiaries, Wieland Electric and STOCKO Contact, are active beneath Wieland Holding.

Together they cover an extraordinarily wide product portfolio in the field of electrical engineering and electronics. It comprises control cabinet engineering, industrial multipole connectors as well as overvoltage technology and building system technology.

Wieland Electric is active in most areas of automation technology and delivers as the industry's driver for innovation. Safety first – Wieland Electric is ideally positioned with its modular system solutions such as

Series 4000, ***samos***®, ***samos***® PRO and the new ***sensor*** PRO safety sensors.

podis®, the solution-oriented system for remote power distribution, and ***ricos*** TP, the latest development in the field of automation systems for heavy duty industrial requirements, are only two examples.

In the building installation system sector, Wieland Electric, with its ***gesis***® system, is the world market leader in pluggable electrical installation. With good reason do planners and architects of the tallest and most interesting construction projects worldwide, such as the Petronas Towers in Kuala Lumpur, rely on ***gesis***® components from Wieland. Wieland is the pioneer on a path toward the intelligent home by consistently developing its ***gesis***® product range, especially with regards to the demands of electronic networking.

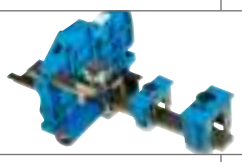
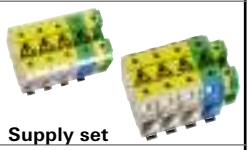
Wieland Electric was founded in 1910 in Bamberg. With 800 staff members it is the largest subsidiary within the company group of Wieland Holding. With its numerous innovations, Wieland Electric has become a major supplier of electrical connection technology. Export share is currently at 58 %.

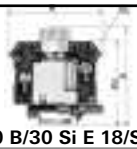
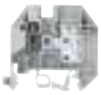
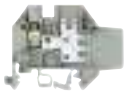
STOCKO Contact is located in North Rhine-Westphalia's Wuppertal and has been a member of the Wieland Group since 2001. The company can look back at a history of more than 100 years. STOCKO Contact is one of the biggest European manufacturers of connector systems and crimp contacts.

100 years young and full of innovative energy ...

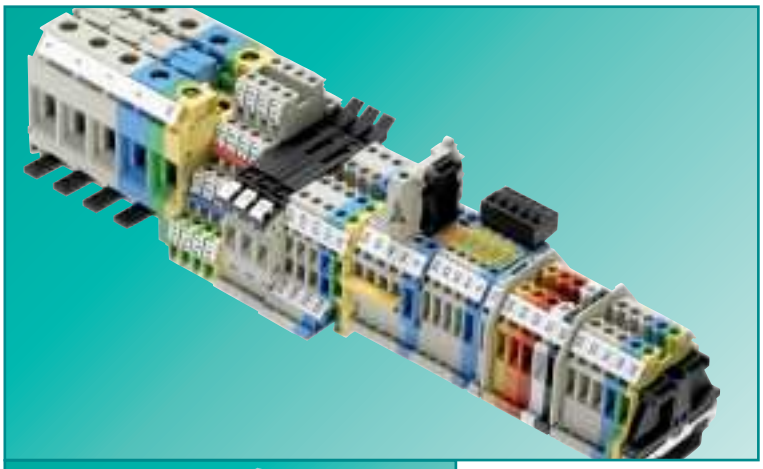
this is the foundation of our company philosophy.
From this statement Wieland Electric will not just maintain, but expand its social responsibility into the future. Eco-friendly high-tech products, manufactured according to state-of-the-art production standards, an audited environmental management system and extensive investments in our facilities with cutting-edge environmental technologies are a matter of fact. A company policy that also commits us to the long term responsibility for the future of our families and children, as well as for the city of Bamberg, in addition to innovative system solutions for our customers. In our opinion, worldwide action and regional responsibility are united.

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		WAK 16/2 BLAU, WAK 35/2 BLAU, WAK 35/2
Page 20/21	 WK 2,5 SL/35	 WK 4 SL/U	 WK 6 SL/U	 WKN 10 SL/U	 WKN 16 SL/U
Page 22/23	 WKN 35 SL/U	 WKN 70 SL/U	 9700 A/35 E S 35	 9700 A/70 E S 35	 Supply set
Page 24/25	 WK 4/D/1/2/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 SL/U	 WK 4 E/U	 WK 4 E/rot
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 5.../U	WK 4 THSI 6,3.../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	 9786 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 50/51			 WKN 6 TK	 WKN 6 TK SF	
Page 52/53			 WK6 TK/35	 WK6 TK P3/35	
Page 54/55	 WKN 6 SF	 WKN 10 SF	 WRT 6	 WRT 6 TK	
Page 56/57			 BK M .../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 *wieplot* 500	Marking material	Pressing tool

DIN rail terminal blocks with screw connection



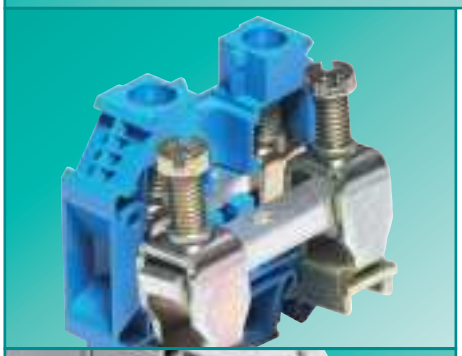
Wieland Electric offers you selos WKN – a complete assortment of DIN rail terminal blocks with screw connection technology.

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.

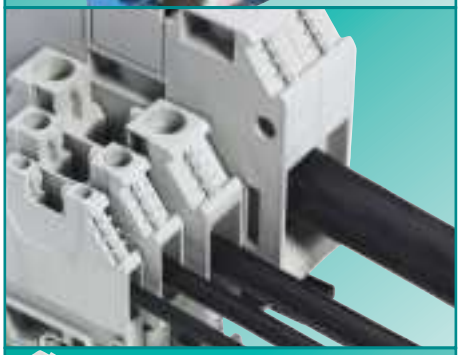
Technical data as per EN 60947-7:

Rated cross section:	2.5 mm² - 240 mm²
Rated current:	Up to 415 A
Rated voltage:	800 / 500 V



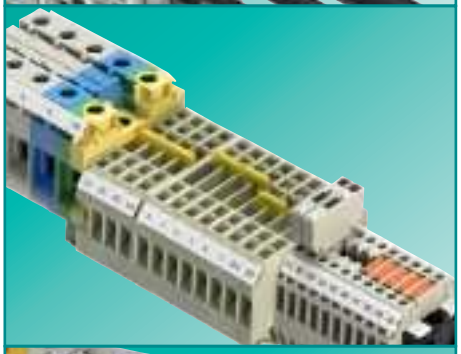
Classical connection

- 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

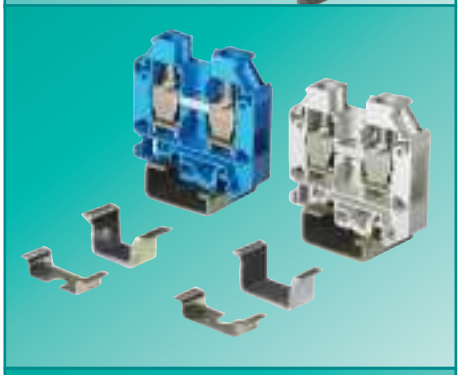
Clear marking

- 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

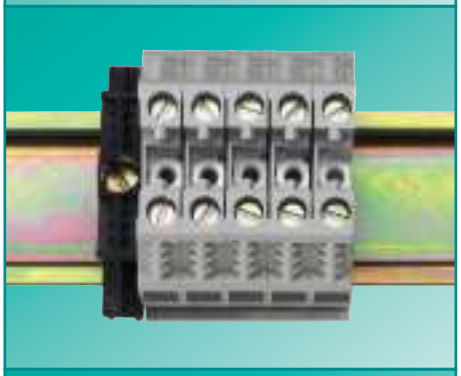
- Maximum possible stable contact strength regardless of cross section
- Functional dependability – no damage to the screw's threading even after screws are tightened and loosened several times
- Gas-proof electrical connection in accordance with approvals.



Universal foot

Universal usability on conventional types of mounting rails

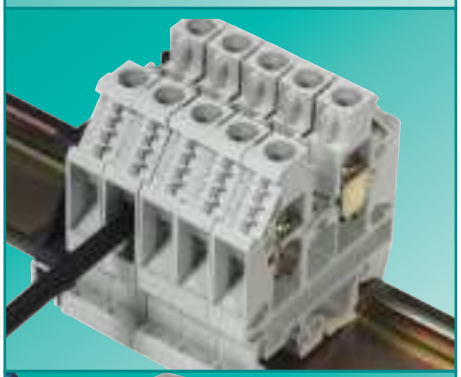
- Assembly foot for TS 35 and TS 32 as per DIN 60715
- Seat centered to mounting rail
- Functional and mounting dependability due to asymmetrical design of the clamping foot. Incorrectly mounted blocks are detected immediately.



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

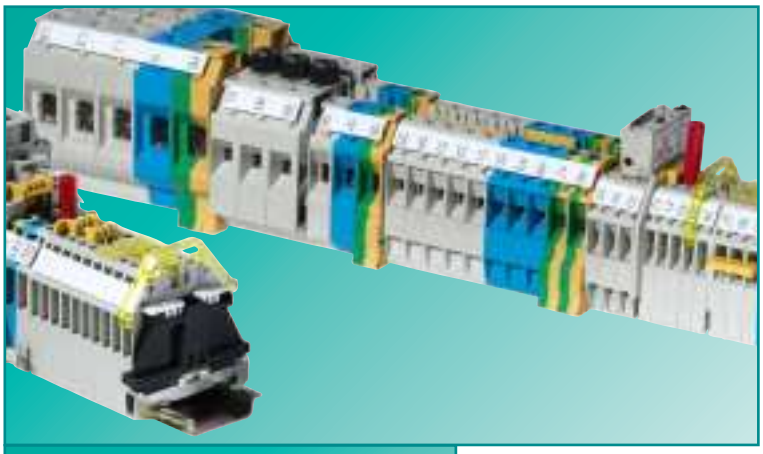
- User-friendliness and speed provided by the wire guide during connection
- Multi-stranded and fine-stranded wires can also be easily inserted in the terminal without ferrules.
- The connection space is open on delivery.

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



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.

Marking system

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*

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.

Managing projects

Benefits:

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

Configuring terminal block assemblies without errors

Benefits:

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

Entering order data

Benefits:

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

Terminal block assembly output

Benefits:

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

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.

selos – fasis

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***

wieplot

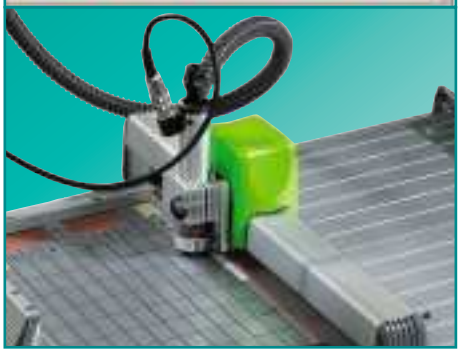
Ready for universal use

- 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

wiemarc

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

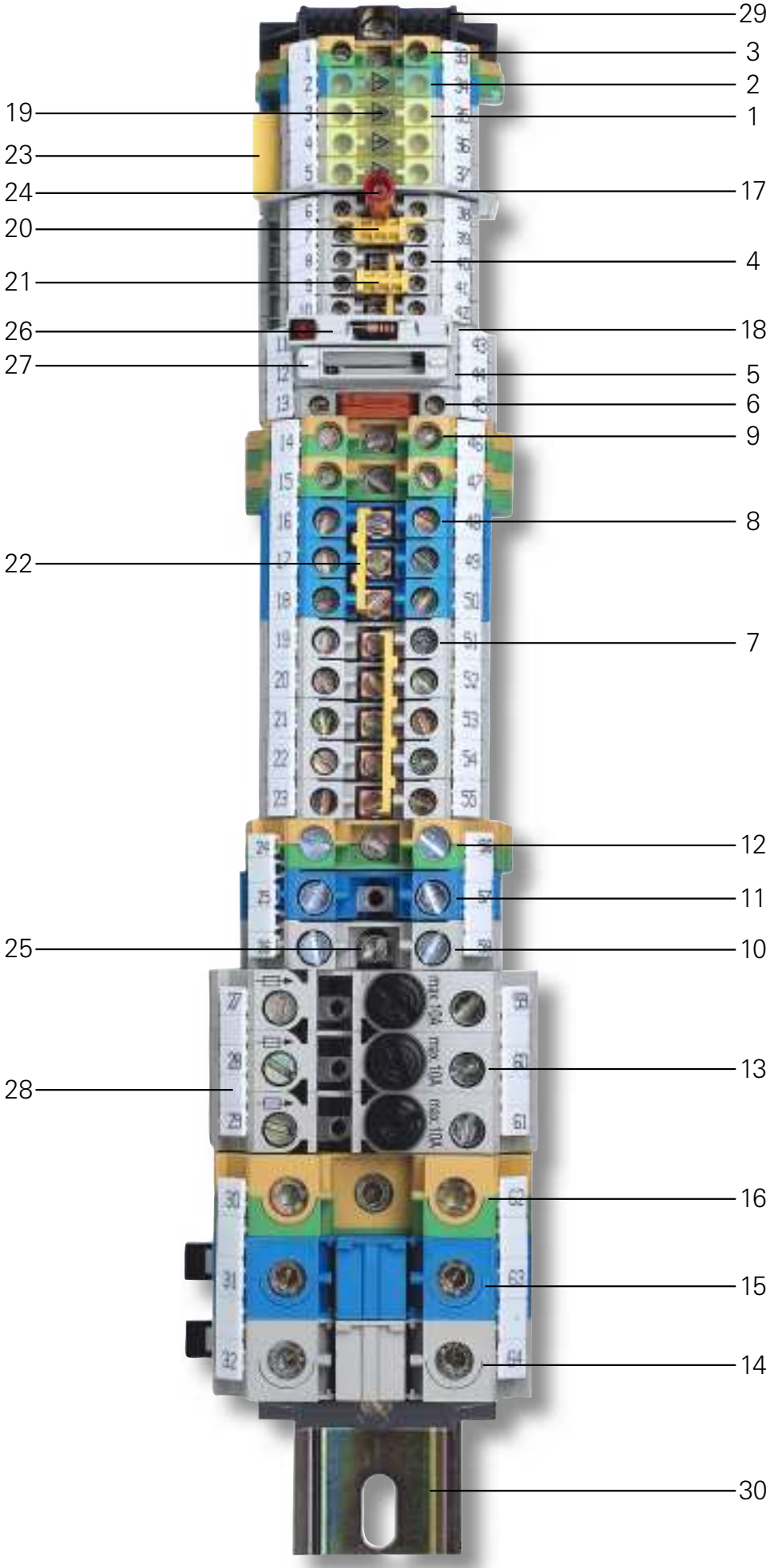


wieplot engraving system

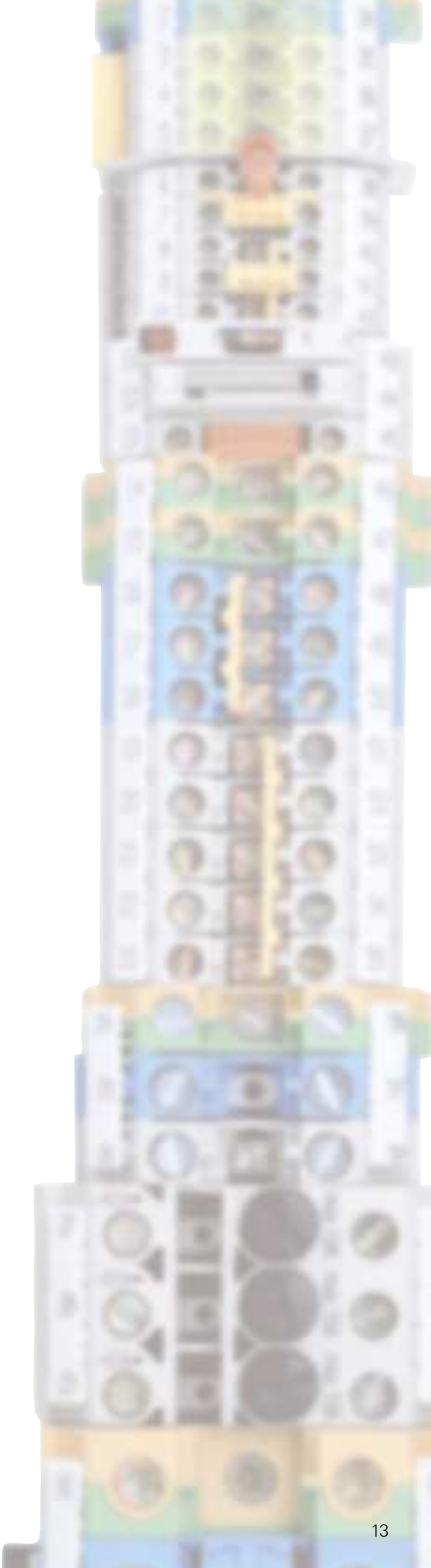
Durable and safe

- 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



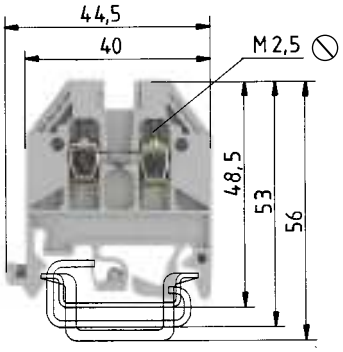
Feed-through blocks with screw connection

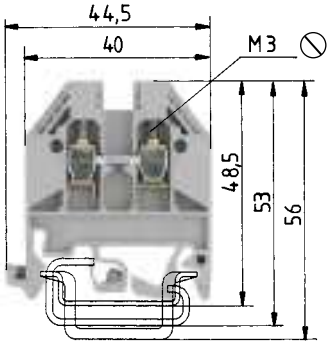
UL wire connection versions

[4] 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

[5] 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

[6] or 2x no. 12 sol/str AWG
or 2x no. 14 sol/str AWG
or 3x no. 16 sol/str AWG



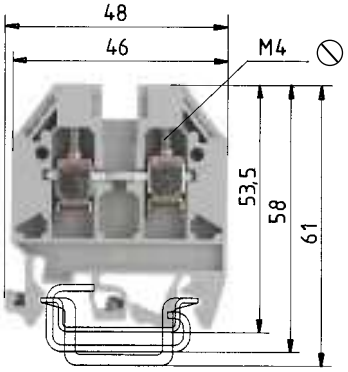


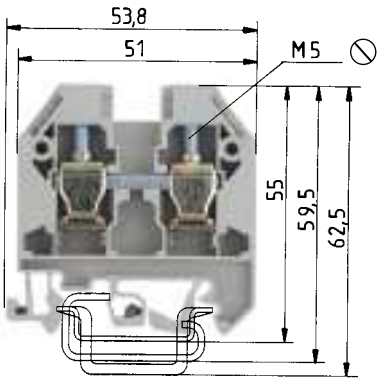
	WK 2,5/U			WK 4/U		
0344 Ex II 2GD IM2	fine-stranded	solid	V / A	fine-stranded	solid	V / A
Ex e I/II	0.5-2.5 mm²	0.5-4 mm²	800 V/8 kV/3 / 24	0.5-4 mm²	0.5-6 mm²	800 V/8 kV/3 / 32
EN 60947-7-1	No. 22-12 AWG		600 V / 20/30	No. 22-10 AWG[4]		600 V / 30/35
UL ratings Field/factory wiring	No. 24-12 AWG		600 V / 25	No. 20-10 AWG		600 V / 40
CSA ratings	0.5-2.5 mm²	0.5-4 mm²	690 V / 23	0.5-4 mm²	0.5-6 mm²	690 V / 14/27[3]
KEMA 02 ATEX 2114 U[1] EN 60079-0/EN 60079-7	5 mm		9 mm	6 mm		9 mm
Width Wire strip length						
Approvals						

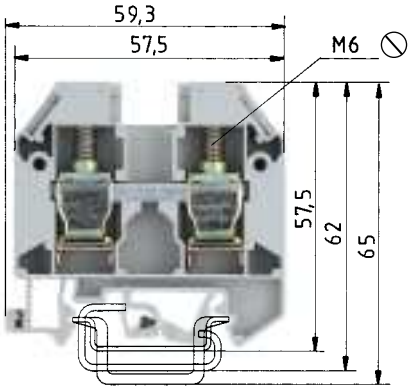
		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Feed-through block	gray	WK 2,5/U	57.503.0055.0	100	WK 4/U	57.504.0055.0	100
Feed-through block Exi	blue	WK 2,5/U BLAU	57.503.0055.6	100	WK 4/U BLAU	57.504.0055.6	100
Accessories							
1. Mounting rail TS 35, DIN rail 7.5 mm high	L = 2 m	35 x 27 x 7,5 EN 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 27 x 15 EN 60715	98.370.0000.0	1	35 x 27 x 15 EN 60715	98.370.0000.0	1
Mounting rail TS 32, G rail[2]	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[2]	10 mm wide	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
End clamp TS 35, with screw	8 mm wide	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
End clamp TS 35, without screw	8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	gray	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	gray	TW 2,5 - 4	07.311.1155.0	10	TW 2,5 - 4	07.311.1155.0	10
5. Cross connector with screws	2 pole	IVB WK 2,5 - 2	Z7.280.2227.0	10	IVB WK 4 - 2	Z7.281.1227.0	10
insulated	3 pole	IVB WK 2,5 - 3	Z7.280.2327.0	10	IVB WK 4 - 3	Z7.281.1327.0	10
	up to 12 pole	IVB WK 2,5 - 12	Z7.280.3227.0	10	IVB WK 4 - 12	Z7.281.2227.0	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

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

*) 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.
[1] Please note the mounting instructions.
[2] Do not use in Ex environments.
[3] With/without jumper







WK 6/U

fine-stranded	solid	V	A
0.5-6 mm²	0.5-10 mm²	1000 V/8 kV/3	41
No. 22-8 AWG[5]		600 V	50/50
No. 20-8 AWG		600 V	45
0.5-6 mm²	0.5-10 mm²	690 V	35/38[3]
8 mm			11 mm

WK 10/U

fine-stranded	solid/standed	V	A
2.5-10 mm²	1.5-16 mm²	1000 V/8 kV/3	57
No. 16-6 AWG[6]		600 V	65/65
No. 16-6 AWG		600 V	70
2.5-10 mm²	1.5-16 mm²	690 V	43/56[3]
10 mm			13 mm

WK 16/U

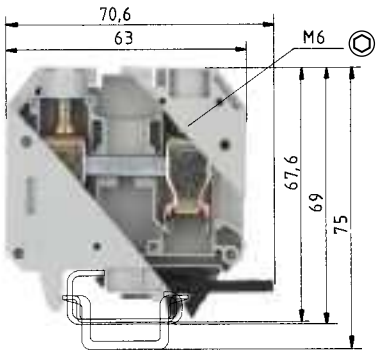
fine-stranded	solid/stranded	V	A
4-16 mm²	1.5- 25 mm²	1000 V/8 kV/3	76
No. 12-4 AWG		600 V	85/90
No. 14-4 AWG		600 V	95
4-16 mm²	1.5-25 mm²	690 V*	61/71[3]
12 mm			15 mm

Type	Part No.	Std. Pack
WK 6/U	57.506.0055.0	100
WK 6/U BLAU	57.506.0055.6	100
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
9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100
9708/2 S35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100
AP 6	07.311.0255.0	10
AP 6 BLAU	07.311.0255.6	10
TW 6	07.311.1255.0	10
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
TS 6 GELB	07.311.2253.8	10
AD VB 6 GELB	04.326.2253.8	10
AD VB 8/4 GELB	04.343.4956.8	10

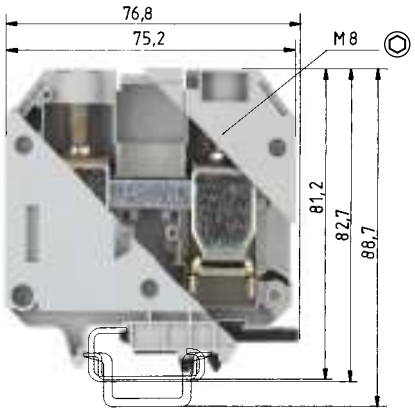
Type	Part No.	Std. Pack
WKN 10/U	57.510.0155.0	50
WKN 10/U BLAU	57.510.0155.6	50
35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 27 x 15 EN 60715	98.370.0000.0	1
9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100
9708/2 S35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100
APN 10	07.311.6655.0	10
APN 10 BLAU	07.311.6655.6	10
TWN 10	07.311.7655.0	10
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
TS 10 GELB	07.311.2353.8	10
AD VB 10 GELB	04.326.2353.8	10
AD VB 10/4 GELB	04.343.5056.8	10

Type	Part No.	Std. Pack
WKN 16/U	57.516.0155.0	50
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 15 EN 60715	98.370.0000.0	1
9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100
9708/2 S 35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100
APN 16	07.311.6755.0	10
APN 16 BLAU	07.311.6755.6	10
TWN 16	07.311.7755.0	10
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
TSN 16 GELB	07.311.8453.8	10
AD VB 12/4 GELB	04.343.5156.8	10

Feed-through blocks with screw connection



Enclosed design



Enclosed design

0344 Ⓔx II 2GD IM2
Ex e I/II
EN 60947-7-1
UL ratings — Field/factory wiring
CSA ratings
KEMA 02 ATEX 2114 U[1] — EN 60079-0/EN 60079-7
Width — Wire strip length
Approvals

WKN 35/U

fine-stranded	stranded	V	A
10-35 mm²	10-50 mm²	1000 V/8 kV/3	125
No. 10-2 AWG		600 V	150
No. 12-2 AWG		600 V	150
10-35 mm²	10-50 mm²	690 V*	86/124[3]
16 mm			18 mm

EPM ATEX LR

WKN 70/U

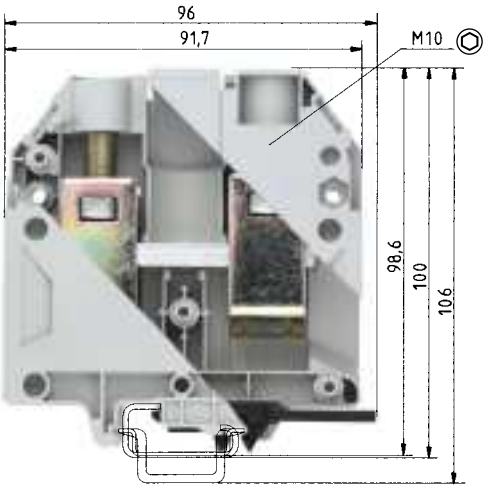
fine-stranded	stranded	V	A
10-70 mm²	16-95 mm²	1000 V/8 kV/3	192
No. 6-2/0 AWG		600 V	175/175
No. 6-2/0 AWG		600 V	170
10-70 mm²	16-95 mm²	690 V	179/179[3]
24 mm			24 mm

ATEX LR

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Feed-through block	gray	WKN 35/U	57.535.0155.0	20	WKN 70/U	57.570.0155.0	20
Feed-through block Exi	blue	WKN 35/U BLAU	57.535.0155.6	20	WKN 70/U BLAU	57.570.0155.6	20
Accessories							
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[2]	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[2]	10 mm wide	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
End clamp TS 35, with screw	8 mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100
End clamp TS 35, without screw	8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	gray						
	blue						
4. Partition	gray	TWN 35	07.311.7855.0	10	TWN 70	07.311.7955.0	10
5. Cross connector with screws	2 pole	IVB WKN 35 - 2	Z7.285.2227.0	5	VB WKN 70 - 2	Z7.286.3227.0	10
	3 pole	IVB WKN 35 - 3	Z7.285.2327.0	5	VB WKN 70 - 3	Z7.286.3327.0	10
	up to 6 pole	IVB WKN 35 - 6	Z7.285.2627.0	5	VB WKN 70 - 6	Z7.286.3627.0	10
	up to 12 pole	IVB WKN 35 - 12	Z7.285.3227.0	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

*) 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.
[1] Please note the mounting instructions.
[2] Do not use in Ex environments.
[3] With/without jumper



Enclosed design

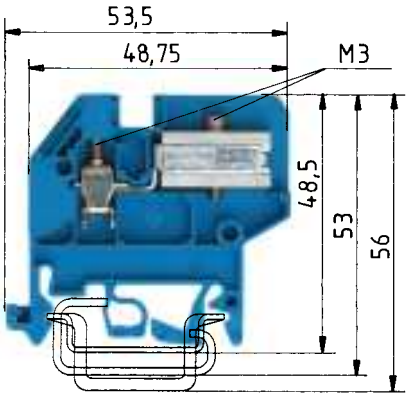
WKN 150/U

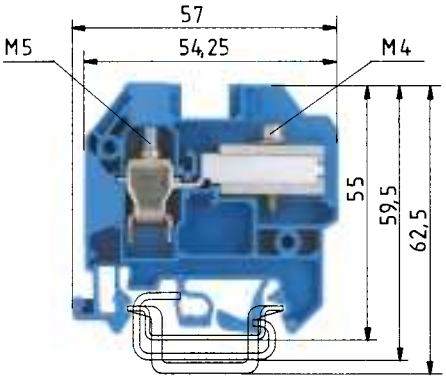
fine-stranded	stranded	V	A
35-150 mm²	35-185 mm²	1000 V/8 kV/3	309
No. 2/0 AWG – 350 kcmil		600 V	335/335
No. 2/0 AWG – 350 kcmil		600 V	365
35-150 mm²	35-185 mm²	690 V	290/309[3)]
28 mm			30 mm

ATEX LR

Type	Part No.	Std. Pack
WKN 150/U	57.597.0155.0	10
WKN 150/U BLAU	57.597.0155.6	10
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	Z5.523.5653.0	100
9708/2 S 35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100
VB WKN 150 - 2	Z7.287.1227.0	5
VB WKN 150 - 3	Z7.287.1327.0	5
VB WKN 150 - 6	Z7.287.1627.0	5
AD VB 28/4 GELB	04.343.5456.8	10

Neutral disconnect blocks with screw connection





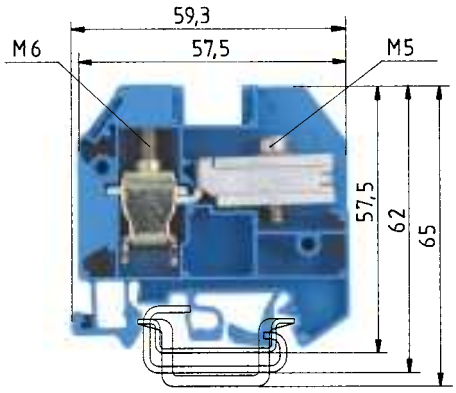
Current carrying capability:
fine-stranded: 4 mm² 25 A
solid: 6 mm² 30 A

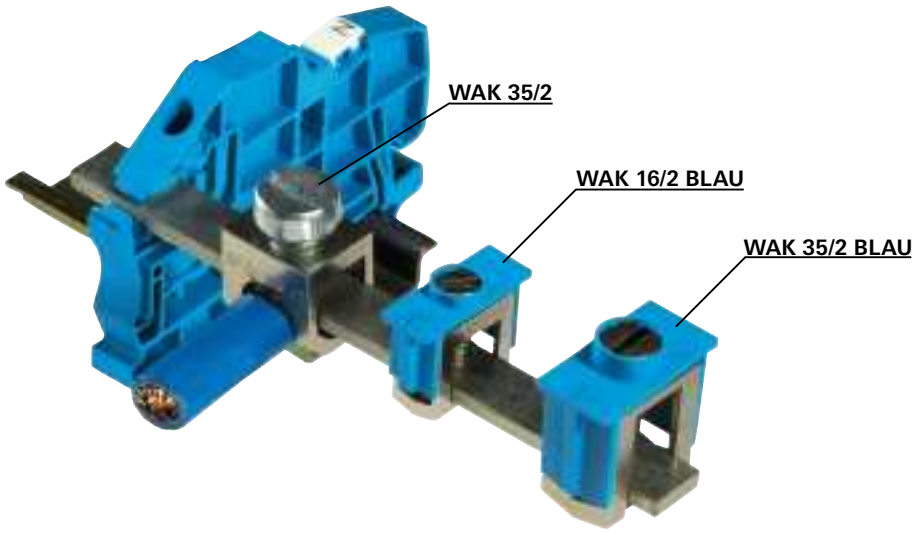
Current carrying capability:
fine-stranded: 10 mm² 45 A
stranded: 16 mm² 50 A

		WKN 4 ETK/U				WKN 10 ETK/U			
EN 60947-7-1/DIN VDE 0611 T1		fine-stranded	stranded	V	A	fine-stranded	solid/stranded	V	A
UL ratings	Field/factory wiring	0.5-4 mm²	0.5-6 mm²	400 V/6 kV/3*)		1-10 mm²	1-16 mm²	400 V/6 kV/3*)	
CSA ratings									
Width	Wire strip length	6 mm			9 mm	10 mm			13 mm
Approvals									

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Neutral disconnect block	blue	WKN 4 ETK/U	57.504.8155.0	100	WKN 10 ETK/U	57.510.8155.0	50
Connector clamps for busbar	blue						
	unplated						
Accessories							
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 27 x 15 EN 60715	98.370.0000.0	1	35 x 27 x 15 EN 60715	98.370.0000.0	1
Mounting rail TS 32, G rail[2)]	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[2)]	10 mm wide	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
End clamp TS 35, with screw	8 mm wide	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
End clamp TS 35, without screw	8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	gray						
	blue	APN 4 ETK	07.312.1155.0	10	APN 10 ETK	07.312.0955.0	10
4. Partition	gray						
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, 10 x 3 mm, blank, I_N=140 A	L = 1 m	9813 M	98.290.0000.0	1	9813 M	98.290.0000.0	1
Busbar, E-Cu, 10 x 3 mm, zinc-plated, I_N= 140 A	L = 1 m	9813 M SN	98.290.1000.0	1	9813 M SN	98.290.1000.0	1
10. 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		*) For use in grounded networks 690/400 V					

Connector clamps for Cu busbar (10 x 3 mm)





Current carrying capability:
fine-stranded: 16 mm² 62 A
stranded: 25 mm² 67 A

EN 60 998-2-1 CCA/CH

EN 60 998-2-1 CCA/CH

WKN 16 ETK/U

fine-stranded	solid/stranded	V	A
4-16 mm²	4-25 mm²	400 V/6 kV/3*)	

12 mm 15 mm

WAK 16/2

fine-stranded	stranded	V	A
1,5-16 mm²	10-16 mm²		76

8,4 mm 16 mm

WAK 35/2

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

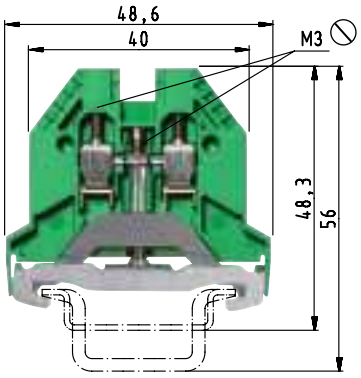
17 mm 14 mm

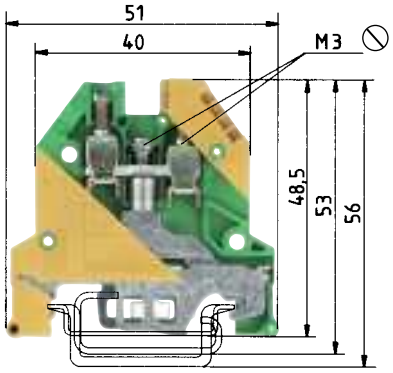
Type	Part No.	Std. Pack
WKN 16 ETK/U	57.516.8155.0	50
35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 27 x 15 EN 60715	98.370.0000.0	1
9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100
9708/2 S35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100
APN 16 ETK	07.312.0855.0	10
AD VB 16 GELB	04.326.2453.8	10
9813 M	98.290.0000.0	1
9813 M SN	98.290.1000.0	1
WAK 16/2 BLAU	30.494.3021.6	100
WAK 35/2 BLAU	30.494.4021.6	100
WAK 35/2	30.494.4121.0	50
WKIF SH/E/35	Z1.108.8453.0	100

Type	Part No.	Std. Pack
WAK 16/2 BLAU	30.494.3021.6	100
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
9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100
9708/2 S35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100
APN 16 ETK	07.312.0855.0	10
AD VB 16 GELB	04.326.2453.8	10
9813 M	98.290.0000.0	1
9813 M SN	98.290.1000.0	1
WAK 16/2 BLAU	30.494.3021.6	100
WAK 35/2 BLAU	30.494.4021.6	100
WAK 35/2	30.494.4121.0	50
WKIF SH/E/35	Z1.108.8453.0	100

Type	Part No.	Std. Pack
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 15 EN 60715	98.370.0000.0	1
9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100
9708/2 S35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100
APN 16 ETK	07.312.0855.0	10
AD VB 16 GELB	04.326.2453.8	10
9813 M	98.290.0000.0	1
9813 M SN	98.290.1000.0	1
WAK 16/2 BLAU	30.494.3021.6	100
WAK 35/2 BLAU	30.494.4021.6	100
WAK 35/2	30.494.4121.0	50
WKIF SH/E/35	Z1.108.8453.0	100

Ground blocks with screw connection





Enclosed design

0344 Ⓔx II 2GD IM2
Ex e I/II
EN 60947-7-2
UL ratings — Field/factory wiring
CSA ratings
KEMA 02 ATEX 2114 U[1] — EN 60079-0/EN 60079-7
Width — Wire strip length
Approvals

WK 2,5 SL/35

fine-stranded	solid	V	A
0.5-2.5 mm²	0,5-4 mm²	500 V/6 kV/3[3]	
No. 22-12 AWG			
No. 24-12 AWG			
5 mm			9 mm

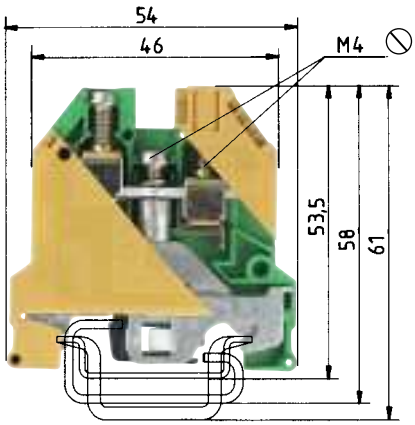
WK 4 SL/U

fine-stranded	solid	V	A
0.5-4 mm²	0.5-6 mm²	800 V/8 kV/3[3]	
No. 22-10 AWG			
No. 20-10 AWG			
0.5-4 mm²	0.5-6 mm²		
6 mm			9 mm

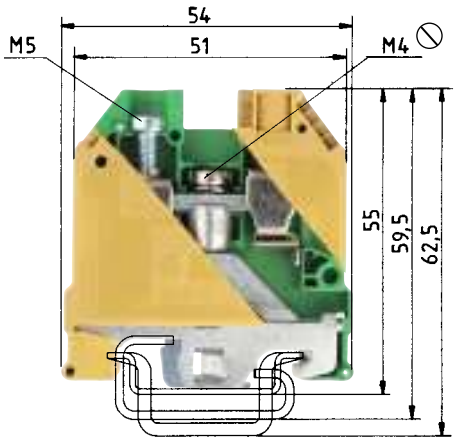
		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Ground block	green/yellow	WK 2,5 SL/35	56.503.9055.0	100	WK 4 SL/U	57.504.9055.0	100
Accessories							
1. Mounting rail TS 35, DIN rail 7.5 mm high	L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail TS 35, DIN rail, 15 mm high	L = 2 m	35 x 27 x 15 EN 60715	98.370.0000.0	1	35 x 27 x 15 EN 60715	98.370.0000.0	1
Mounting rail TS 32, G rail[2]	L = 2 m				9006 EN 60715 G-32	98.190.0000.0	1
2. End clamp with U-foot[2]	10 mm wide	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
End clamp TS 35, with screw	8 mm wide	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
End clamp TS 35, without screw	8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	gray						
	green	AP 2,5-4 SL	07.311.7155.0	10			
4. Partition	gray						
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							

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

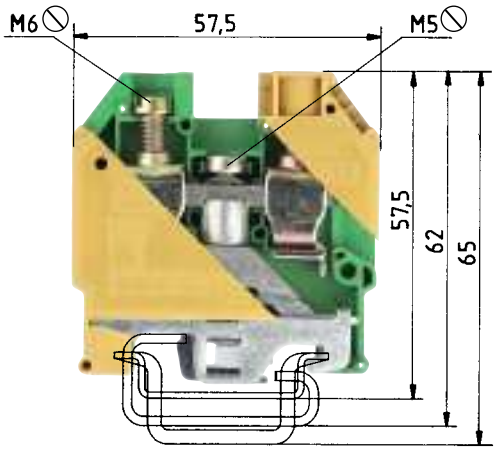
[1] Please note the mounting instructions.
[2] Do not use in Ex environments.
[3] Ratings to adjacent feed-through blocks of the same series and size.



Enclosed design



Enclosed design



Enclosed design

WK 6 SL/U

fine-stranded	solid	V	A
0.5-6 mm²	0.5-0 mm²	800 V/8 kV/3[3]	
No. 22-8 AWG			
No. 20-8 AWG			
0.5-6 mm²	0.5-10 mm²		
8 mm			12 mm

EPM SEV NV ATEX LR UL AEx CSA Ex

WKN 10 SL/U

fine-stranded	solid/stranded	V	A
2.5-10 mm²	1.5-16 mm²	800 V/8 kV/3[3]	
No. 16-6 AWG			
No. 16-6 AWG			
2.5-10 mm²	1.5-16 mm²		
10 mm			13 mm

EPM SEV NV ATEX LR UL AEx CSA Ex

WKN 16 SL/U

fine-stranded	solid/stranded	V	A
4-16 mm²	1.5-25 mm²	800 V/8 kV/3[3]	
No. 12-4 AWG			
No. 14-4 AWG			
4-16 mm²	1.5-25 mm²		
12 mm			15 mm

EPM SEV NV ATEX LR UL AEx CSA Ex

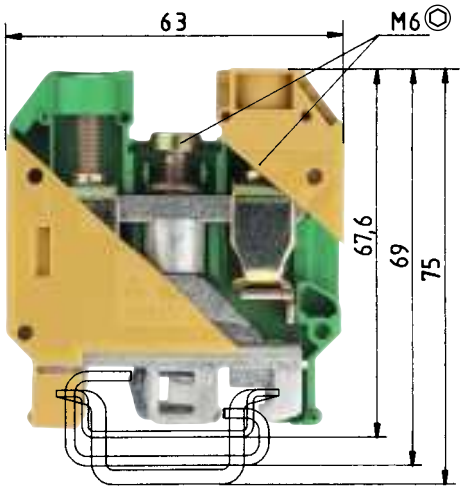
Type	Part No.	Std. Pack
WK 6 SL/U	57.506.9055.0	100
35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 27 x 15 EN 60715	98.370.0000.0	1
9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100
9708/2 S35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100

Type	Part No.	Std. Pack
WKN 10 SL/U	57.510.9055.0	50
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
9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100
9708/2 S35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100

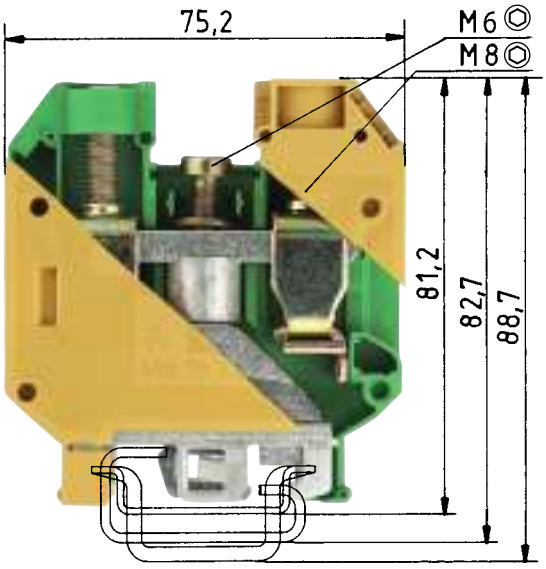
Type	Part No.	Std. Pack
WKN 16 SL/U	57.516.9055.0	50
35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 27 x 15 EN 60715	98.370.0000.0	1
9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100
9708/2 S35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100

Ground blocks with screw connection

For ground blocks of 70 mm² or higher, only mounting rails from E-copper must be used due to the current carrying capability.



Enclosed design



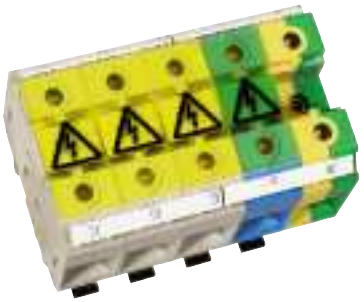
Enclosed design

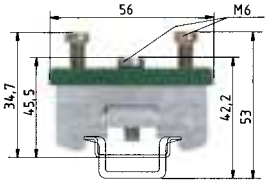
	WKN 35 SL/U			WKN 70 SL/U		
0344 Ex II 2GD IM2						
Ex e I/II						
EN 60947-7-2						
UL ratings	Field/factory wiring					
CSA ratings						
KEMA 02 ATEX 2114 U[1]	EN 60079-0/EN 60079-7					
Width	Wire strip length					
Approvals						
	fine-stranded	stranded	V	fine-stranded	stranded	V
	10-35 mm²	10-50 mm²	800 V/8 kV/3[3]	10-70 mm²	16-95 mm²	800 V/8 kV/3[3]
	No. 10-2 AWG			No. 6-2/0 AWG		
	No. 10-2 AWG			No. 6-2/0 AWG		
	10-35 mm²	10-50 mm²		10-70 mm²	16-95 mm²	
	16 mm		20 mm	24 mm		
	EPM SEV NV ATEX LR UL UL AEx CSA CSA Ex			SEV ATEX LR UL CSA CSA Ex		

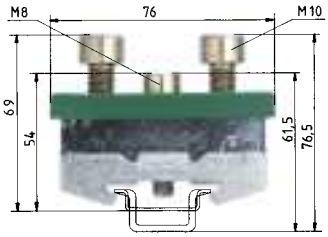
		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Ground block	green/yellow	WKN 35 SL/U	57.535.9055.0	20	WKN 70 SL/U	57.570.9055.0	20
Supply set							
Accessories							
1. Mounting rail TS 35, DIN rail 7.5 mm high	L = 2 m						
Mounting rail TS 35, DIN rail, 15 mm high	L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715 CU	98.380.0000.0	10
Mounting rail TS 32, G rail[2]	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[2]	10 mm wide	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
End clamp TS 35, with screw	8 mm wide	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
End clamp TS 35, without screw	8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	gray						
	green						
4. Partition	gray						
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							

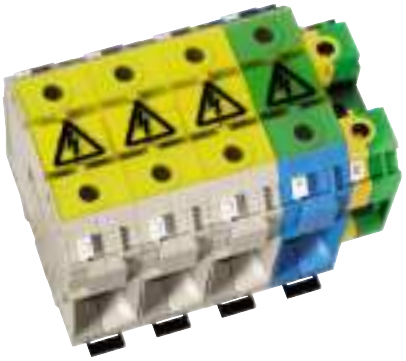
For more accessories see pages 62-79
For marking systems see pages 72-77

[1] Please note the mounting instructions.
[2] Do not use in Ex environments.
[3] Ratings to adjacent feed-through blocks of the same series and size.









9700 A/35 E S 35

fine-stranded	stranded	V	A
35 mm²	50 mm²		

9700 A/70 E S 35

fine-stranded	stranded	V	A
70 mm²	120 mm²		
No. 6-2/0 AWG			
No. 6-2/0 AWG			

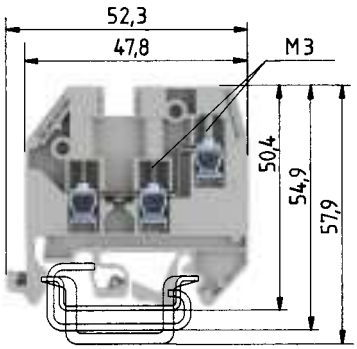
Supply set

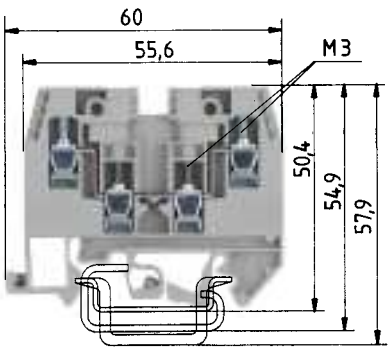
Type	Part No.	Std. Pack
9700 A/35 E S 35	Z2.302.0621.0	25
35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 24 x 15 EN 60715	98.360.0000.0	1
WE 1/U	Z5.523.5753.0	100
9708/2 S35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100

Type	Part No.	Std. Pack
9700 A/70 E S 35	Z2.302.0421.0	10
35 x 24 x 15 EN 60715 CU	98.380.0000.0	10
WE 1/U	Z5.523.5753.0	100
9708/2 S35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100

Type	Part No.	Std. Pack
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
WE 1/U	Z5.523.5753.0	100
9708/2 S35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100

Duo feed-through blocks with screw connection



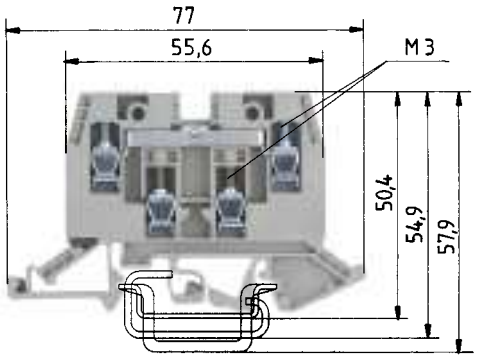


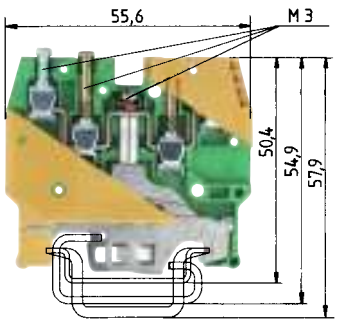
		WK 4/D 1/2 /U				WK 4/D 2/2 /U			
0344 Ex II 2GD IM2		fine-stranded	solid	V	A	fine-stranded	solid	V	A
Ex e I/II		0.5-4 mm²	0.5-6 mm²	800 V[7]/6 kV/3	32	0.5-4 mm²	0.5-6 mm²	800 V[7]/6 kV/3	32
EN 60947-7-1									
UL ratings	Field/factory wiring	No. 22-10 AWG		600 V	30	No. 22-10 AWG		600 V	30
CSA ratings		No. 20-10 AWG		600 V	30	No. 20-10 AWG		600 V	30
KEMA 02 ATEX 2114 U[1]	EN 60079-0/EN 60079-7	0.5-4 mm²	0.5-6 mm²	690 V	30/30[2]	0.5-4 mm²	0.5-6 mm²	690 V	29/30[2]
Width	Wire strip length	6 mm			9 mm	6 mm			9 mm
Approvals		SEV NV ATEX LR UL AEx CSA Ex				SEV NV ATEX LR UL AEx CSA Ex			

			Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Duo feed-through block	gray		WK 4/D 1/2 /U	57.504.5055.0	100	WK 4/D 2/2 /U	57.504.5155.0	100
Duo feed-through block	blue		WK 4/D 1/2 /U BLAU	57.504.5055.6	100	WK 4/D 2/2 /U BLAU	57.504.5155.6	100
Duo multi-tier block	gray							
Duo ground block	green/yellow							
Accessories								
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 27 x 15 EN 60715	98.370.0000.0	1	35 x 27 x 15 EN 60715	98.370.0000.0	1
Mounting rail TS 32, G rail[3]		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[3]		10 mm wide	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
End clamp TS 35, with screw		8 mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100
End clamp TS 35, without screw		8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	gray		AP 4/D 1/2	07.311.6455.0	10	AP 4/D..	07.311.6355.0	10
	blue		AP 4/D 1/2 BLAU	07.311.6455.6	10	AP 4/D.. BLAU	07.311.6355.6	10
4. Partition	gray							
5. Cross connector with screws		2 pole	IVB WK 4 D...-2	Z7.281.7227.0	10	IVB WK 4 D...-2	Z7.281.7227.0	10
insulated		3 pole	IVB WK 4 D...-3	Z7.281.7327.0	10	IVB WK 4 D...-3	Z7.281.7327.0	10
		up to 12 pole	IVB WK 4 D...-12	Z7.281.8227.0	10	IVB WK 4 D...-12	Z7.281.8227.0	10
Jumper comb for lower tier blocks		2 pole	IVK WK 4/D...-2	Z7.256.2227.0	10	IVK WK 4/D...-2	Z7.256.2227.0	10
insulated		3 pole	IVK WK 4/D...-3	Z7.256.2327.0	10	IVK WK 4/D...-3	Z7.256.2327.0	10
		up to 12 pole	IVK WK 4/D...-12	Z7.256.3227.0	10	IVK WK4/D...-12	Z7.256.3227.0	10
6. Partition plate with marking facility			TS 4/15 GELB	07.311.2953.8	10	TS 4/15 GELB	07.311.2953.8	10
7. Single cover with marking facility			AD VB 4 GELB	04.326.2153.8	10	AD VB 4 GELB	04.326.2153.8	10
8. Cover with warning symbol over 4 blocks								

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

[1] Please note the mounting instructions.
[2] With/without jumper
[3] Do not use in Ex environments.
[4] Ratings to adjacent feed-through blocks of the same series and size.





Enclosed design

WK 4/D EU

fine-stranded	solid	V	A
0.5-4 mm²	0.5-6 mm²	320 V/4 kV/3[5]	32
No. 22-10 AWG		300 V[6]	30
No. 20-12 AWG		300 V C/600 V D, E[6]	30
0.5-4 mm²	0.5-6 mm²	275 V[6]	22/22[2]
6 mm			9 mm

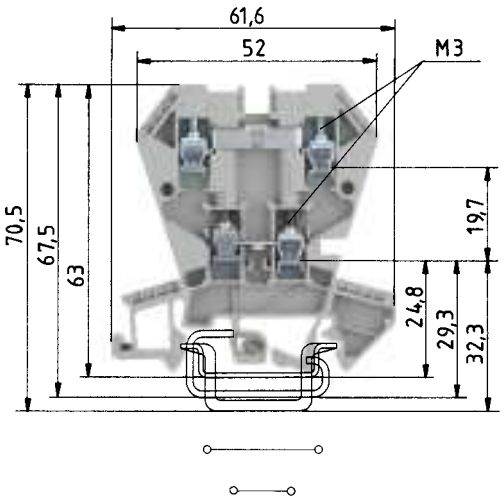
WK 4/D 2/2 SL U

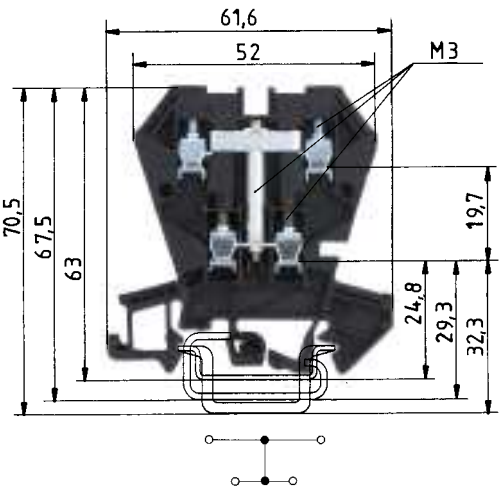
fine-stranded	solid	V	A
0.5-4 mm²	0.5-6 mm²		
No. 22-10 AWG			
No. 20-12 AWG			
0.5-4 mm²	0.5-6 mm²		
6 mm			9 mm

Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
WK 4/D EU	57.504.5255.0	100			
			WK 4/D 2/2 SL U	57.504.9155.0	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 15 EN 60715	98.370.0000.0	1	35 x 27 x 15 EN 60715	98.370.0000.0	1
9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100			
9708/2 S 35	Z5.522.8553.0	100			
WEF 1/35	Z5.523.9353.0	100			
AP 4/D...	07.311.6355.0	10			
AP 4/D.. BLAU	07.311.6355.6	10			
IVB WK 4/DEU-2	Z7.271.0227.0	10			
IVB WK 4 /DEU-3	Z7.271.0327.0	10			
IVB WK 4/DEU-12	Z7.271.1227.0	10			
IVK WK 4/D...-2	Z7.256.2227.0	10			
IVK WK 4/D...-3	Z7.256.2327.0	10			
IVK WK 4/D...-12	Z7.256.3227.0	10			
TS 4/15 GELB	07.311.2953.8	10			
AD VB 4 GELB	04.326.2153.8	10			

[5] 630 V/6 kV/3 with partition plate 07.311.2953.8 between two adjacent blocks
[6] With partition plate 07.311.2953.8 between two adjacent blocks
[7] End plates must be used when SL blocks and other types are snapped in next to each other.

Multi-tier blocks with screw connection



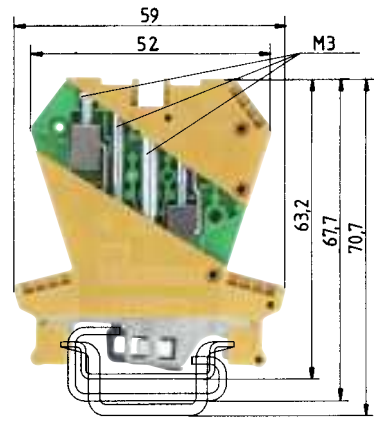


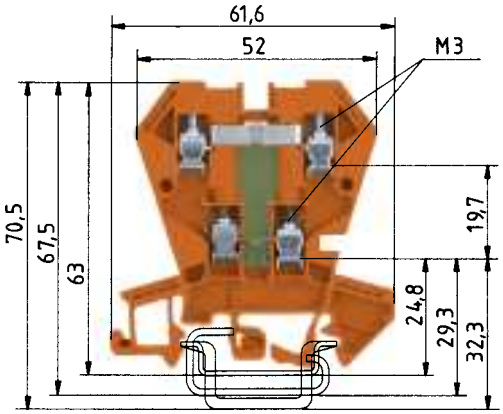
		WK 4 E/U				WK 4 E/U /VB			
0344 Ex II 2GD IM2		fine-stranded	solid	V	A	fine-stranded	solid	V	A
Ex e I/II		0.5-4 mm²	0.5-4 mm²	400 V/6 kV/3[3]	32	0.5-4 mm²	0.5-4 mm²	400 V/6 kV/3	32
EN 60947-7-1									
EN 60947-7-2									
UL ratings	Field/factory wiring	No. 22-10 AWG		300 V	20	No. 22-10 AWG		300 V	20
CSA ratings		No. 20-12 AWG		300 V	10	No. 20-12 AWG		300 V	10
KEMA 02 ATEX 2114 U[1]	EN 60079-0/EN 60079-7	0.5-4 mm²	0.5-4 mm²	275 V	24/24[2]	0.5-4 mm²	0.5-4 mm²	275 V	24
Width	Wire strip length	6 mm			9 mm	6 mm			9 mm
Approvals		SEV NV ATEX CEBEC LR UL CSA Ex				SEV NV CEBEC LR UL CSA			

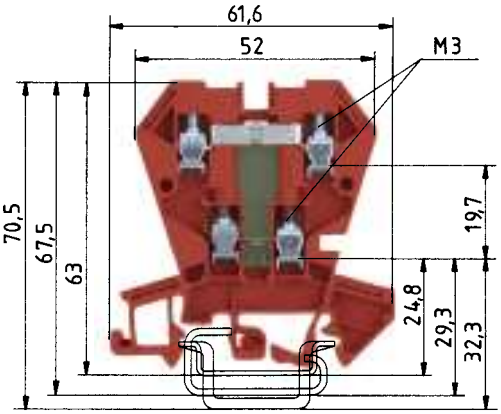
		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Multi-tier block	gray	WK 4 E/U	57.404.7055.0	100			
Multi-tier block, vert. connected	black				WK 4 E/U/VB SCHWARZ	57.404.6955.1	100
Multi-tier ground block	green/yellow						
Function block	red						
Function block	orange						
Accessories							
1. Mounting 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 27 x 15 EN 60715	98.370.0000.0	1	35 x 27 x 15 EN 60715	98.370.0000.0	1
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	1
2. End clamp with U-foot*	10 mm wide	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
End clamp TS 35, with screw	8 mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100
End clamp TS 35, without screw	8 mm wide	9708	Z5.522.7053.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	gray	AP 4 E	07.311.4055.0	10	AP 4 E	07.311.4055.0	10
	blue						
4. Partition	gray	TW 4 E	07.311.5055.0	10	TW 4 E	07.311.5055.0	10
5. Cross connector with screws	2 pole	9215-2	Z7.210.3227.0	50	9215-2	07.210.3227.0	1
for top tier	3 pole	9215-3	Z7.210.3327.0	50	9215-3	07.210.3327.0	1
	up to 6 pole	9215-6	Z7.210.3627.0	50	9215-6	07.210.3627.0	1
Jumper comb for lower tier block	2 pole	IVBS WK 4 E-2	Z7.256.4227.0	10	IVBS WK 4 E-2	Z7.256.4227.0	10
insulated, angled	up to 6 pole	IVBS WK 4 E-6	Z7.256.4627.0	10	IVBS WK 4 E-6	Z7.256.4627.0	10
Jumper comb for lower tier block	2 pole	IVB WK 4 E-2	Z7.255.2227.0	10	IVB WK 4 E-2	Z7.255.2227.0	10
insulated, straight	up to 6 pole	IVB WK 4 E-6	Z7.255.2627.0	10	IVB WK 4 E-6	Z7.255.2627.0	10
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	10
8. Cover with warning symbol over 4 blocks							

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

[1] Please note the mounting instructions.
[2] With/without jumper
[3] With end plates 500 V/6 kV/3.
* Do not use in Ex environments.
[4] Ratings to adjacent feed-through blocks of the same series and size.







Enclosed design

WK 4 E SL/U

fine-stranded	solid	V	A
0.5-4 mm²	0.5- 6 mm²	500 V/6 kV/3[4]	
No. 22-12 AWG			
No. 22-10 AWG			
0.5-4 mm²	0.5-6 mm²		
6,2 mm			9 mm

WK 4 E/U...

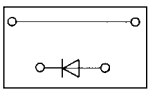
fine-stranded	solid	V	A
0.5-4 mm²	0.5-4 mm²		
No. 22-10 AWG			
No. 20-12 AWG			
6 mm			9 mm

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
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 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 27 x 15 EN 60715	98.370.0000.0	1	35 x 27 x 15 EN 60715	98.370.0000.0	1
9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100
9708	Z5.522.7053.0	100	WEF 1/35	Z5.523.9353.0	100
			AP 4 E	07.311.4055.0	10
			TW 4 E	07.311.5055.0	10
			IVBS WK 4 E-2	Z7.256.4227.0	10
			IVBS WK 4 E-6	Z7.256.4627.0	10
			IVB WK 4 E-2	Z7.255.2227.0	10
			IVB WK 4 E-6	Z7.255.2627.0	10
AD VB 4/15 GELB	04.326.2953.8	10	AD VB 4/15 GELB	04.326.2953.8	10

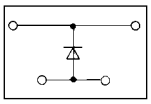
Examples of functions

57.404.8355.5
57.404.8055.9 with inverted diode



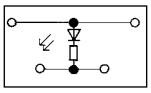
400 V
1 A/1000 V

57.404.8255.5
57.404.8155.9 with inverted diode



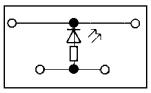
400 V
1 A/1000 V

57.404.7255.5 LED red
57.404.8755.5 LED green



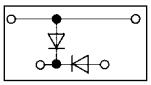
24 V DC
R = 4,7 K
0,4 W

57.404.7455.9 LED red



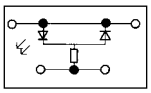
24 V DC
R = 4,7 K
0,4 W

57.404.7955.5
57.404.8855.9 with inverted diodes



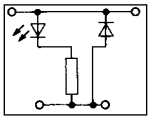
1 A/400 V

57.404.8455.5



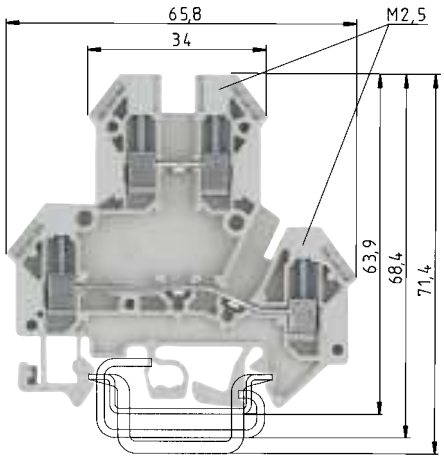
42 V AC
1 A/1000 V
R = 6,8 K
0,6 W

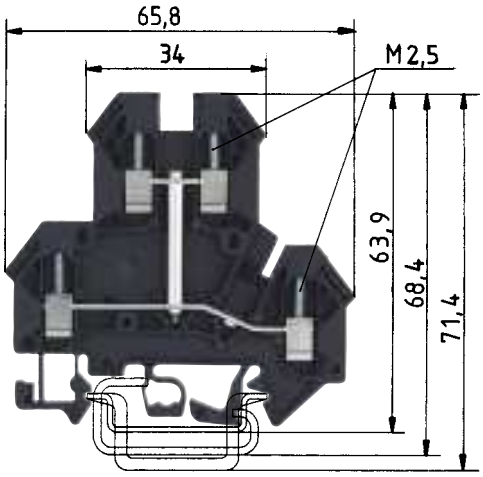
57.404.6255.9



24 V DC
1 A
R = 4,7 K
0,4 W

Multi-tier feed-through block with screw connection



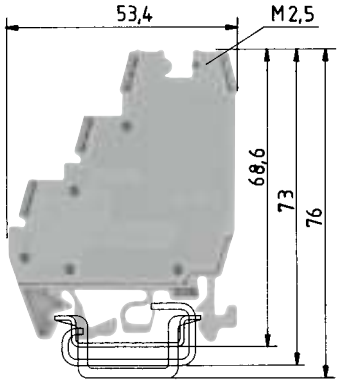


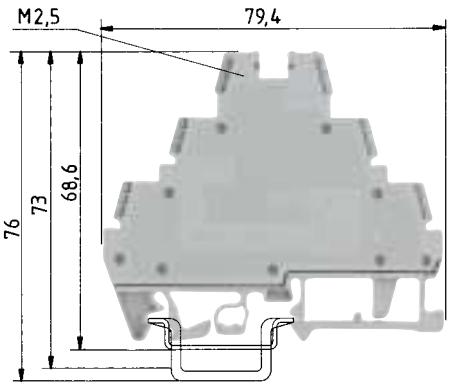
		WKN 2,5 E/U			WKN 2,5 E/U/VB		
		fine-stranded solid	V	A	fine-stranded solid	V	A
EN 60947-7-1/DIN VDE 0611 T1		0.5-2.5mm² 0.5-4mm²	500V/6kV/3	24	0.5-2.5mm² 0.5-4mm²	500V/6kV/3	24
UL ratings	Field/factory wiring	No. 22-12 AWG	600V	20/25	No. 22-12 AWG	600V	20/25
CSA ratings		No. 24-12 AWG	600V	25	No. 24-12 AWG	600V	25
Width	Wire strip length	5mm		8mm	5mm		8mm
Approvals							

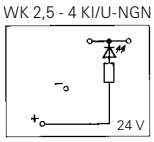
			Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Multi-tier feed-through block		gray	WKN 2,5 E/U	57.403.7055.0	100			
Multi-tier feed-through block, connected		black				WKN 2,5 E/U/VB	57.403.6955.1	100
Accessories								
1. Mounting rail TS 35, DIN rail 7.5mm high	L = 2m		35 x 27 x 7,5 EN 60715	98.300.0000.0	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 27 x 15 EN 60715	98.370.0000.0	1	35 x 27 x 15 EN 60715	98.370.0000.0	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	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
End clamp TS 35, with screw	8mm wide		9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	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	APN 2,5 E	07.312.1755.0	10	APN 2,5 E	07.312.1755.0	10
		blue						
4. Partition		gray	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		IVB WK 2,5 - 2	Z7.280.2227.0	10	IVB WK 2,5 - 2	Z7.280.2227.0	10
insulated, for upper tier	3 pole		IVB WK 2,5 - 3	Z7.280.2327.0	10	IVB WK 2,5 - 3	Z7.280.2327.0	10
	up to 12 pole		IVB WK 2,5 - 12	Z7.280.3227.0	10	IVB WK 2,5 - 12	Z7.280.3227.0	10
Jumper comb	2 pole							
insulated, for lower tier	3 pole							
	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

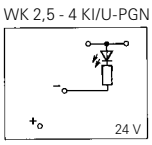
For more accessories see pages 62-79
For marking systems see pages 72-77

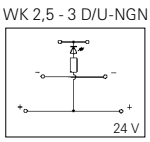
Initiator blocks with screw connection

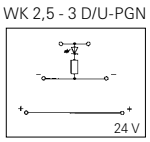












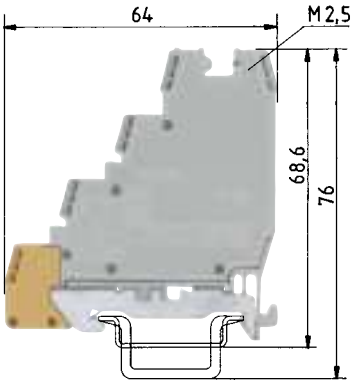
		WK 2,5-4 KI/U			WK 2,5-3 D/U		
		fine-stranded solid	V	A	fine-stranded solid	V	A
EN 60947-7-1/DIN VDE 0611 T1		0.5-2.5mm² 0.5-4mm²	250V/4kV/3*	24	0.5-2.5mm² 0.5-4mm²	400V/6kV/3*	24
UL ratings	Field/factory wiring	No. 22-12 AWG	300V*	25	No. 22-12 AWG	300V*	25
CSA ratings		No. 22-12 AWG	300V*	25	No. 22-12 AWG	300V*	25
Width	Wire strip length	6mm		7mm	6mm		7mm
Approvals		EPM SEV UL CSA			SEV UL CSA		

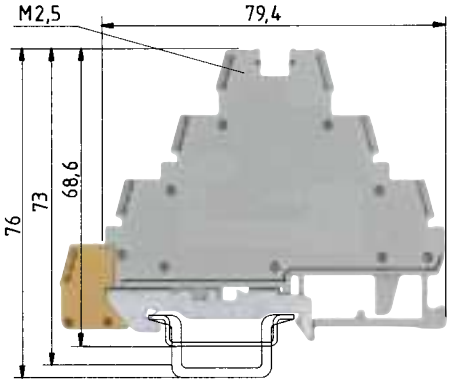
			Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Initiator block		gray	WK 2,5 - 4 KI/U	57.503.7855.0	100			
Multi-tier block		gray				WK 2,5 - 3 D/U	57.503.8855.0	50
with LED (green) between signal and plus		gray	WK 2,5 - 4 KI/U-NGN	57.503.7955.0	100	WK 2,5 - 3 D/U-NGN	57.503.8955.0	50
with LED (green) between signal and minus		gray	WK 2,5 - 4 KI/U-PGN	57.503.8055.0	100	WK 2,5 - 3 D/U-PGN	57.503.9055.0	50
with LED (red) between signal and minus		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 27 x 15 EN 60715	98.370.0000.0	1	35 x 27 x 15 EN 60715	98.370.0000.0	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	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
End clamp TS 35, with screw		8mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	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. Partition		gray	TW 2,5 - 4 K/U	07.312.0555.0	10	TW 2,5 - 3 D/U	07.312.1255.0	50
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

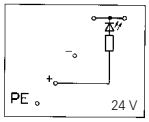
- The use of cross connectors (jumper combs), requires partitions in order to maintain the air and creepage distances.

* 24 V⎓ with LED

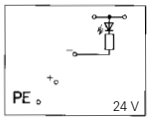




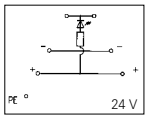
WK 2,5 - 4 KI SL-NGN



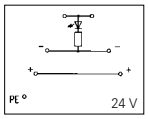
WK 2,5 - 4 KI SL-PGN
WK 2,5 - 4 KI SL-PRT



WK 2,5 - 3 D SL-NGN



WK 2,5 - 3 D SL-PGN



WK 2,5-4 KI/SL

fine-stranded	solid	V	A
0.5-2.5 mm²	0.5-4 mm²	250 V/4 kV/3*	24
No. 22-12	AWG	300 V*	25
No. 22-12	AWG	300 V*	25
6 mm			7 mm

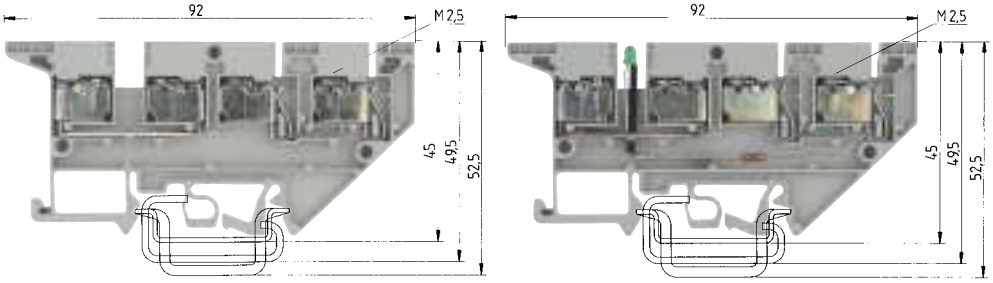
EPM

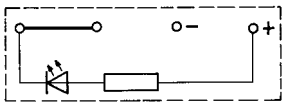
WK 2,5-3 D/SL

fine-stranded	solid	V	A
0.5-2.5 mm²	0.5-4 mm²	400 V/6 kV/3*	24
No. 22-12	AWG	300 V*	25
No. 22-12	AWG	300 V*	25
6 mm			7 mm

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 27 x 15 EN 60715	98.370.0000.0	1	35 x 27 x 15 EN 60715	98.370.0000.0	1
WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
9708/2 S 35	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
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

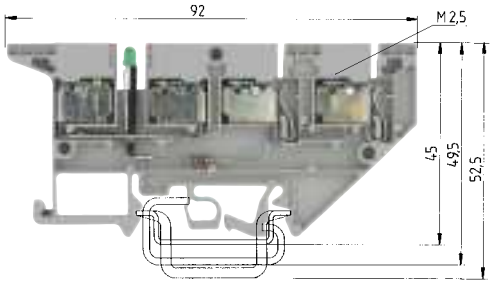


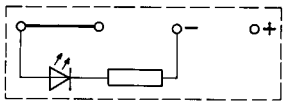


Indicator: R = 2.2 K 0,35 W
Lamp color: green

		WK 2,5-4 KOI/U			WK 2,5-4 KOI/U-NGN		
		fine-stranded solid	V	A	fine-stranded solid	V	A
EN 60947-7-1/DIN VDE 0611 T1		0.5-2.5 mm² 0.5-4 mm²	400 V/6 kV/3	16*	0.5-2.5 mm² 0.5-4 mm²	24 DC	16*
UL ratings	Field/factory wiring	No. 22-12 AWG	300 V	20/30	No. 22-12 AWG	24 V	20/30
CSA ratings		No. 22-12 AWG	300 V	25	No. 22-12 AWG	24 V	25
Width	Wire strip length	5 mm		10 mm	5 mm		10 mm
Approvals							

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Initiator block	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						
Accessories							
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 27 x 15 EN 60715	98.370.0000.0	1	35 x 27 x 15 EN 60715	98.370.0000.0	1
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	1
2. End clamp with U-foot	10 mm wide	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
End clamp TS 35, with screw	8 mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100
End clamp TS 35, without screw	8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	gray	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
5. Cross connector with screws	2 pole	VB WK 2,5-2	Z7.280.0227.0	10			
for signal feed through	3 pole	VB WK 2,5-3	Z7.280.0327.0	10			
	up to 6 pole	VB WK 2,5-6	Z7.280.0627.0	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 "+"	red	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 "-"	blue	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					





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

WK 2,5-4 KOI/U-PGN

fine-stranded	solid	V	A
0.5 - 2.5 mm²	0.5 - 4 mm²	24 DC	16*
No. 22-12 AWG		24 V	20/30
No. 22-12 AWG		24 V	25
5 mm			10 mm

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 27 x 15 EN 60715	98.370.0000.0	1
9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100
9708/2 S 35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	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

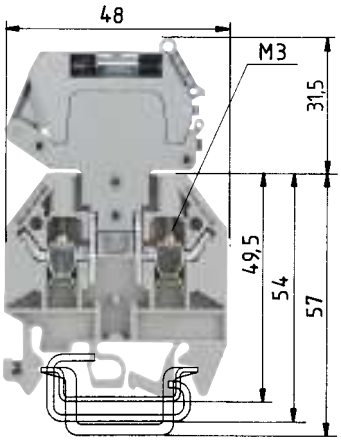
When selecting G fuse inserts, make sure that the specified maximum power loss is not exceeded.[1)]
The current is determined by the inserted fuse.[1)]
The voltage range is determined by the built-in LED display.[2)]
Depending on the application and the installation method, the possibility of increased temperature must be checked in the closed fuse holders.
Higher ambient temperatures mean additional stress for the fuse inserts. Therefore, the reduction of the rated current must be considered accordingly in these applications.

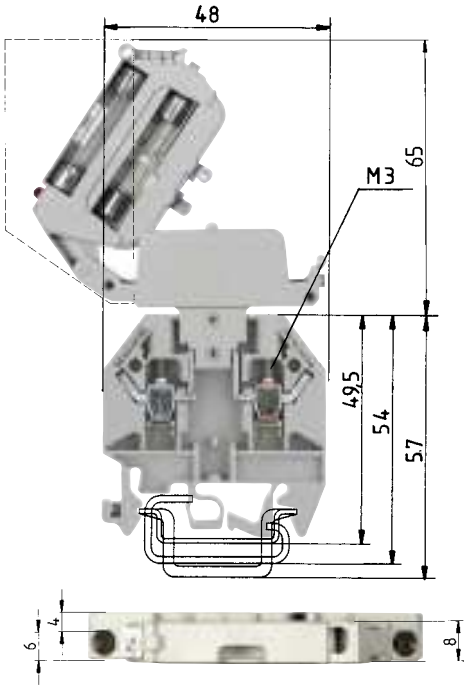
Indicator (24 V): Lamp color: red
Power consumption: 10.3 mA

Indicator (220 V): Lamp color: red
Power consumption: 0.3 mA

[1)] Maximum power loss at 23° C ambient temperature (according to DIN EN 60947-7-3)

Type	Rated Voltage	Overload protection		Exclusive short-circuit protection	
		Single arrangement	Group arrangement	Single arrangement	Group arrangement
THSI 5x20	250 V	1.6 W	1.6 W	4.0 W	2.5 W
THSI 6.3x32	500 V	2.5 W	1.6 W	4.0 W	4.0 W





EN 60947-7-1/DIN VDE 0611 Teil 1
EN 60127-6/DIN VDE 0820 T6
UL ratings — Field / factory wiring
CSA ratings
Width — Wire strip length
Approvals

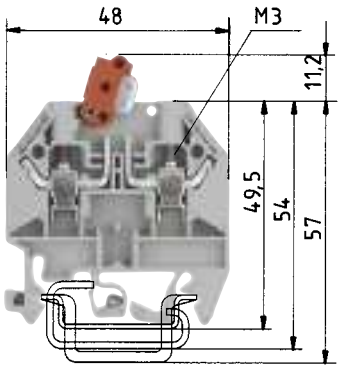
WK 4 TKG... with THSi 5x20

fine-stranded	solid	V	A
0.5 - 4 mm²	0.5 - 6 mm²	800 V / 8 kV / 3[2)]	[1)]
No. 22-10 AWG		300 V[2)]	10[1)]
No. 20-10 AWG		250 V[2)]	6.3[1)]
6 mm			9 mm

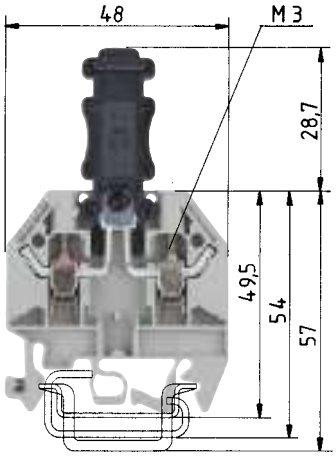
WK 4 TKG... with THSi 6,3x32

fine-stranded	solid	V	A
0.5 - 4 mm²	0.5 - 6 mm²	800 V / 8 kV / 3[2)]	[1)]
No. 22-10 AWG		300 V[2)]	10[1)]
No. 20-10 AWG		250 V[2)]	6.3[1)]
6 mm			9 mm

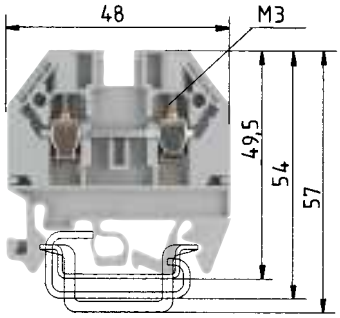
		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Disconnect base block	gray	WK 4 TKG/U	57.504.4055.0	100	WK 4 TKG/U	57.504.4055.0	100
Fuse disconnect lever	gray	THSI 5x20	Z1.298.1053.0	10	THSI 6,3x32	Z1.298.1653.0	10
Fuse disconnect lever with LED 12 - 24 V[2)]	gray	THSI 5x20 LED24	Z1.298.1153.0	10	THSI 6,3x32 LED24	Z1.298.1753.0	10
Fuse disconnect lever with LED 24 - 60 V[2)]	gray	THSI 5x20 LED60	Z1.298.1253.0	10	THSI 6,3x32 LED60	Z1.298.1853.0	10
Fuse disconnect lever with GL 110 - 250 V[2)]	gray	THSI 5x20 GL250	Z1.298.1353.0	10	THSI 6,3x32 GL250	Z1.298.1953.0	10
Knife edge disconnect block	gray						
Knife edge disconnect block	blue						
with 2 test bolts	gray						
Invertible plug disconnect block	gray						
with 2 test bolts	gray						
Feed-through block	gray						
Accessories							
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 27 x 15 EN 60715	98.370.0000.0	1	35 x 27 x 15 EN 60715	98.370.0000.0	1
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	1
2. End clamp with U-foot	10 mm wide	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
End clamp TS 35, with screw	8 mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100
End clamp TS 35, without screw	8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	gray	AP 4 TK	07.311.6155.0	10	AP 4 TK	07.311.6155.0	10
	blue						
4. Partition	gray	TW 4 TK	07.311.8155.0	10	TW 4 TK	07.311.8155.0	10
5. Jumper comb	2 pole	IVB 1 WK 4..-2	Z7.255.4227.0	10	IVB 1 WK 4..-2	Z7.255.4227.0	10
insulated	3 pole	IVB 1 WK 4..-3	Z7.255.4327.0	10	IVB 1 WK 4..-3	Z7.255.4327.0	10
	up to 6 pole	IVB 1 WK 4..-6	Z7.255.4627.0	10	IVB 1 WK 4..-6	Z7.255.4627.0	10
For more accessories see pages 62-79							
For marking systems see pages 72-77							



The disconnecting knife in these WK versions swings in and out on a pivot point. The distinctive color of the disconnecting lever signals the open state. The terminals can be connected with the lever open or closed. Designs with a different number and arrangement of test sockets permit reliable measurements using the test plug.



The isolating connector is detachable and can be fitted as a dummy plug. This signals the open state. Designs with different numbers of test sockets permit reliable measurements using the test plug.



Same dimensions as types WK 4 TKG/U and WK 4/TKM/U

WK 4/TKM

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

WK 4 TKG-TRST/U

fine-stranded	solid	V	A
0.5 - 4 mm²	0.5 - 6 mm²	800 V / 8 kV / 3*	20
No. 22-10	AWG	300 V	10
No. 22-10	AWG	600 V*	20
6 mm			9 mm

WK 4 TKS D/U

fine-stranded	solid	V	A
0.5 - 4 mm²	0.5 - 6 mm²	800 V / 8 kV / 3	32
No. 22-10	AWG	300 V	25
No. 20-10	AWG	600 V	20
6 mm			9 mm

Type	Part No.	Std. Pack
WK 4/TKM/U	57.504.2055.0	100
WK 4/TKM/U BLAU	57.504.2055.6	100
WK 4/TKM/P3/U	57.504.2355.0	100
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
9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100
9708/2 S 35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100
AP 4 TK	07.311.6155.0	10
AP 4 TK BLAU	07.311.6155.6	10
TW 4 TK	07.311.8155.0	10
IVB 1 WK 4..-2	Z7.255.4227.0	10
IVB 1 WK 4..-3	Z7.255.4327.0	10
IVB 1 WK 4..-6	Z7.255.4627.0	10

* **Version with test bolt:** CSA: 300 V
EN 60 947-7-1 / DIN VDE 0611 T1 – 690 V / 6 kV / 3
Test bolt can be loaded with 1 A

Type	Part No.	Std. Pack
WK 4 TKG-TRST/U	57.504.4555.0	100
WK 4 TKG-TRST P3/U	57.504.4855.0	100
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
9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100
9708/2 S 35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100
AP 4 TK	07.311.6155.0	10
TW 4 TK	07.311.8155.0	10
IVB 1 WK 4..-2	Z7.255.4227.0	10
IVB 1 WK 4..-3	Z7.255.4327.0	10
IVB 1 WK 4..-6	Z7.255.4627.0	10

* **Version with test bolt:** CSA: 300 V
EN 60 947-7-1 / DIN VDE 0611 T1 – 690 V / 6 kV / 3
Test bolt can be loaded with 1 A

Type	Part No.	Std. Pack
WK 4 TKS D/U	57.504.4455.0	100
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
9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5653.0	100
9708/2 S 35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100
AP 4 TK	07.311.6155.0	10
TW 4 TK	07.311.8155.0	10
IVB 1 WK 4..-2	Z7.255.4227.0	10
IVB 1 WK 4..-3	Z7.255.4327.0	10
IVB 1 WK 4..-6	Z7.255.4627.0	10

Fuse blocks with screw connection

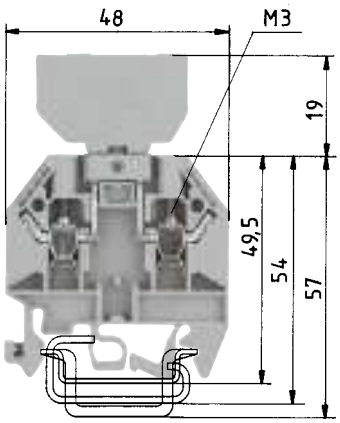
When selecting G fuse inserts, make sure that the specified maximum power loss is not exceeded.[1]
The current is determined by the inserted fuse.[1]
The voltage range is determined by the built-in LED display.[2]
Depending on the application and the installation method, the possibility of increased 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.

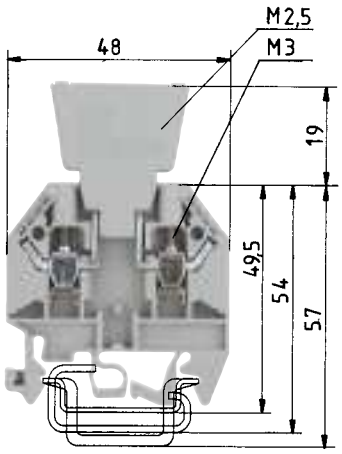
Indicator (24 V): Lamp color: red
Power consumption: 10,3 mA

Indicator (220 V): Lamp color: red
Power consumption: 0.3 mA

[1] Maximum power loss at 23° C ambient temperature (according to DIN EN 60947-7-3)

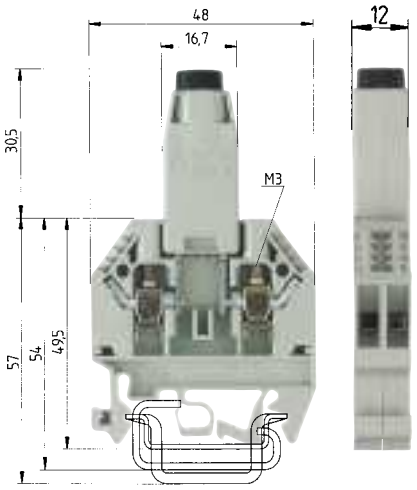
Typ	Rated Voltage	Overload protection		Exclusive short-circuit protection	
		Single arrangement	Group arrangement	Single arrangement	Group arrangement
SIST	250 V	1.6 W	1.6 W	2.5 W	1.6 W





	WK 4 TKG... SIST				WK 4 TKG... DIST			
EN 60947-7-1/DIN VDE 0611 Teil 1	fine-stranded	solid	V	A	fine-stranded	solid	V	A
EN 60127-6/DIN VDE 0820 T6	0.5-4 mm²	0.5-6 mm²	800 V/8 kV/3[2]	[1]	0.5-4 mm²	0.5-6 mm²	800 V/8 kV/3	
UL ratings Field/factory wiring	No. 22-10 AWG		300 V	10	No. 22-10 AWG		300 V	10
CSA ratings	No. 20-10 AWG		250 V	6.3	No. 20-10 AWG		250 V	6,3
Width Wire strip length	6 mm			9 mm	6 mm			9 mm
Approvals								

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Disconnect block	gray	WK 4 TKG/U	57.504.4055.0	100	WK 4 TKG/U	57.504.4055.0	100
Fuse holder for 5x20 fuse	gray	Si ST	Z1.299.4055.0	10			
Fuse holder with LED 24-60 V	gray	Si ST LED	Z1.299.4155.0	10			
Fuse holder with GL 220 V	gray	Si ST GL	Z1.299.4255.0	10			
Diode plug, without contacts	gray				DIST ...	Z1.299.3055.0	10
Diode plug - diode I_{max} = 1 A	gray				DIST-1 N 4007-1[3]	Z1.299.3155.0	10
Diode plug - diode I_{max} = 1 A	gray				DIST-1 N 4007-2[4]	Z1.299.3355.0	10
Diode plug with jumper I_{max} = 10 A	gray				DIST-D	Z1.299.3255.0	10
Fuse block	gray				The current carrying load depends on the component used. Temporary peak voltage 1000 V. Pole assignment of the diode: Anode Cathode, Cathode[3] Anode[4]		
with G-screw cap B DIN 41674, 5x25 mm							
with G-screw cap A DIN 41674, 5x20 mm							
Accessories							
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 27 x 15 EN 60715	98.370.0000.0	1	35 x 27 x 15 EN 60715	98.370.0000.0	1
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	1
2. End clamp with U-foot	10 mm wide	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
End clamp TS 35, with screw	8 mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100
End clamp TS 35, without screw	8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	gray	AP 4 TK	07.311.6155.0	10	AP 4 TK	07.311.6155.0	10
	blue						
4. Partition	gray	TW 4 TK	07.311.8155.0	10	TW 4 TK	07.311.8155.0	10
5. Jumper comb	2 pole	IVB 1 WK 4..-2	Z7.255.4227.0	10	IVB 1 WK 4..-2	Z7.255.4227.0	10
insulated	3 pole	IVB 1 WK 4..-3	Z7.255.4327.0	10	IVB 1 WK 4..-3	Z7.255.4327.0	10
	up to 6 pole	IVB 1 WK 4..-6	Z7.255.4627.0	10	IVB 1 WK 4..-6	Z7.255.4627.0	10
For more accessories see pages 62-79							
For marking systems see pages 72-77							



WK 4/Si-D/U 5 x 25

fine-stranded	solid	V	A
0.5-4 mm²	0.5-6 mm²	800 V/8 kV/3	6,3

No. 20-10 AWG	250 V	10
12 mm		9 mm

Type	Part No.	Std. Pack
WK 4/Si-D/U 5 x 25	57.504.1655.0	50
WK 4/Si-D/U 5 x 20	57.504.1755.0	50
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
9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100
9708/2 S 35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100
AP 4 TK	07.311.6155.0	10
TW 4 TK	07.311.8155.0	10
IVB 1 WK 4..-2	Z7.255.4227.0	10
IVB 1 WK 4..-3	Z7.255.4327.0	10
IVB 1 WK 4..-6	Z7.255.4627.0	10

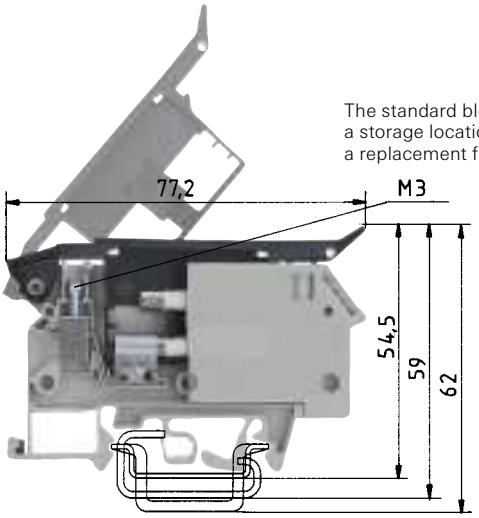
Fuse blocks with screw connection

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.
[1] When selecting G fuse inserts, make sure that the specified maximum power loss is not exceeded. The current is determined by the inserted fuse.
[2] 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.

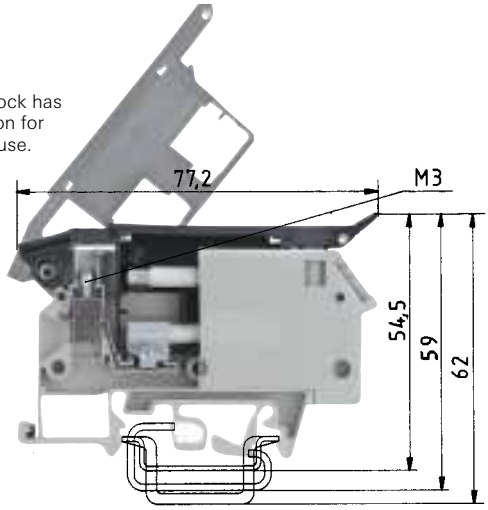
[1] Maximum power loss at 23°C ambient temperature (according to DIN EN 60947-7-3)

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

The standard block has a storage location for a replacement fuse.



for 5mm fine-wire fuses



for 6,3mm fine-wire fuses

EN 60947-7-1, EN 60127-6
UL ratings — Field/factory wiring
CSA ratings
Width — Wire strip length
Approvals

WK 4 THSI 5... /U

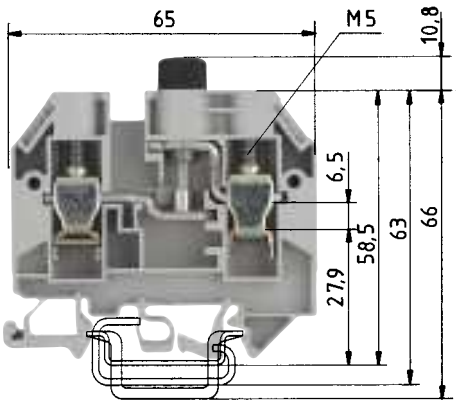
fine-stranded	solid	V	A
0.5-4mm²	0.5-6mm²	800V/8kV/3[2]	6.3[1]
No. 22-10 AWG		600V[2]	15
No. 22-10 AWG		600V[2]	6.3
8mm			8mm

WK 4 THSI 6,3... /U

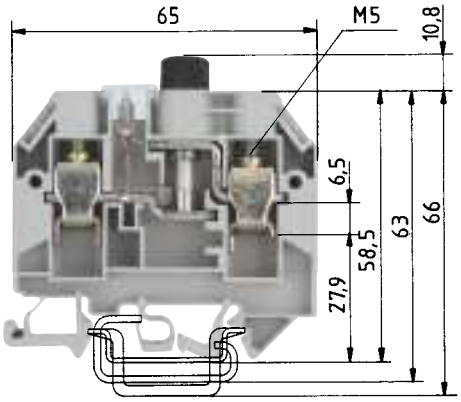
fine-stranded	solid	V	A
0.5-4mm²	0.5-6mm²	800V/8kV/3[2]	10[1]
No. 22-10 AWG		600V[2]	15
No. 22-10 AWG		600V[2]	10
10mm			8mm

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Fuse block	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
Fuse block	gray						
– with screw cap A DIN 41674 for G-fuses DIN 41571							
– with screw cap B DIN 41674 for G fuses DIN 41576							
– with screw cap A DIN 41674 for G-fuses							
– with screw cap for G-fuses							
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 27 x15 EN 60715	98.370.0000.0	1	35 x 27 x 15 EN 60715	98.370.0000.0	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	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
End clamp TS 35, with screw	8mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	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						
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							

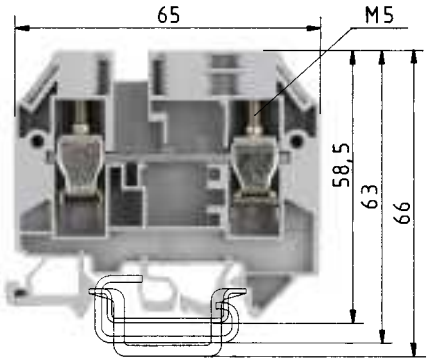
Type	Overload protection		Exclusive short-circuit protection	
	Single arrangement	Group arrangement	Single arrangement	Group arrangement
WK 10 Si U 5x20	4.0W/6.3A	2.5W/6.3A	4.0W/6.3A	4.0W/6.3A
WK 10 Si U 6.3x32	4.0W/10A	2.5W/2.5A	4.0W/10A	2.5W/2.5A
WK 10 Si U 5x25	4.0W/6.3A	2.5W/6.3A	4.0W/6.3A	4.0W/6.3A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



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



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



WK 10/SI ... /U

fine-stranded	solid/stranded	V	A
1.0-10 mm²	1.0-16 mm²	500 V/6 kV/3*)	10*)
No. 22-6 AWG		600 V*)	15
No. 16-6 AWG		600 V*)	max. 15
12 mm			13 mm

WK 10/SI ... /U mit Kennmelder

fine-stranded	solid/stranded	V	A
1.0-10 mm²	1.0-16 mm²	500 V/6 kV/3*)	max.10*)
No. 22-6 AWG		600 V*)	15
No. 16-6 AWG		600 V*)	max. 15
12 mm			13 mm

WK 10/SI U D

fine-stranded	solid/stranded	V	A
1.0-10 mm²	1.0-16 mm²	500 V/6 kV/3	57
No. 22-6 AWG		600 V	50
No. 16-6 AWG		600 V	65
12 mm			13 mm

Type	Part No.	Std. Pack
WK 10/Si U 5 x 20	57.910.5055.0	50
WK 10/Si U 5 x 25	57.910.5155.0	50
WK 10/Si U 5 x 30	57.910.5255.0	50
WK 10/Si U 6,3 x 32	57.910.5355.0	50
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
9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100
9708/2 S 35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100
AP 10/Si	07.311.4155.0	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-6	Z7.287.0627.0	10
	04.312.2056.0	100

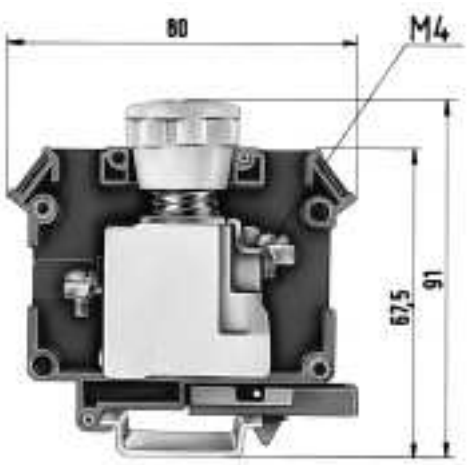
*)	VDE	CSA	UL
57.910.5055.0	250 V~	600 V	600 V
57.910.5155.0	250 V~	600 V	600 V
57.910.5255.0	500 V~	600 V	600 V
57.910.5355.0	500 V~	600 V	600 V

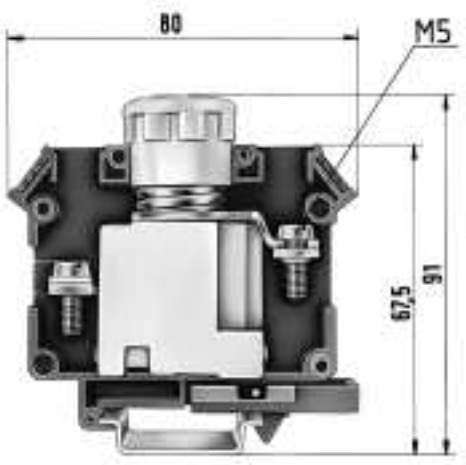
Type	Part No.	Std. Pack
WK 10/Si U 5 x 20M, NGL	57.910.5455.0	50
WK 10/Si U 5 x 20M, GLB	57.910.5855.0	50
WK 10/Si U 6,3 x 32M, NGL	57.910.5755.0	50
WK 10/Si U 6,3 x 32M, GLB	57.910.6155.0	50
35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 27 x 15 EN 60715	98.370.0000.0	1
9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100
9708/2 S 35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100
AP 10/Si	07.311.4155.0	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-6	Z7.287.0627.0	10
	04.312.2056.0	100

*	VDE	CSA	UL
57.910.5455.0 Indicator red Current consumed 0.16 - 0.8 mA	110 - 250 V~	500 V	150 V
57.910.5855.0 Indicator yellow Current consumed 24 mA	28 V~	28 V	28 V
57.910.5755.0 Indicator red Current consumed 0.16 - 0.8 mA	110 - 500 V~	500 V	150 V
57.910.6155.0 Indicator yellow Current consumed 24 mA	28 V~	28 V	28 V

Type	Part No.	Std. Pack
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 15 EN 60715	98.370.0000.0	1
9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100
9708/2 S 35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100
AP 10/Si	07.311.4155.0	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-6	Z7.287.0627.0	10
	04.312.2056.0	100

Fuse blocks with screw connection





*) Current and voltage are determined by the fuse

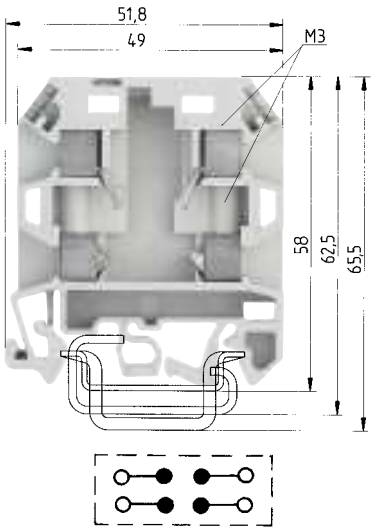
		9700 B/30 Si E 14/S 35			2 – 16 A	9700 B/30 Si E 18/S 35			2-63 A
		fine-stranded	solid	V	A	fine-stranded	solid/stranded	V	A
DIN VDE 0636		1.5-4 mm²	1.5-4 mm²	400 V~*)	16*)	1.5-25 mm²	1.5-25 mm²	400 V~*)	63*)
UL ratings	Field/factory wiring								
CSA ratings									
Width	Wire strip length	30 mm			10 mm	30 mm			12 mm
Approvals									

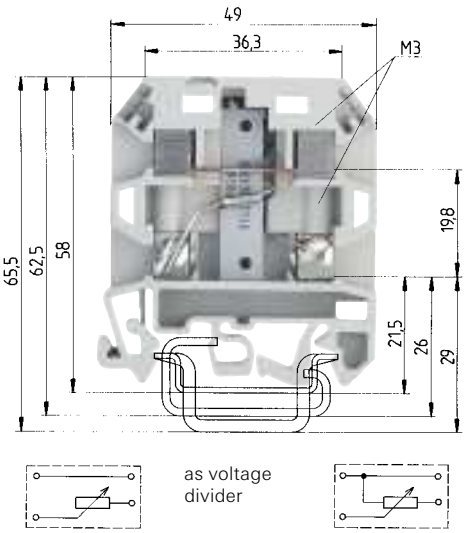
		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Fuse block		9700 B/30 Si E 14/S 35	56.904.4055.0	20	9700 B/30 Si E 18/S 35	56.925.4055.0	20
Accessories							
1. Mounting rail TS 35, DIN rail 7.5 mm high	L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail TS 35, DIN rail, 15 mm high	L = 2 m	35 x 27 x 15 EN 60715	98.370.0000.0	1	35 x 27 x 15 EN 60715	98.37.0000.0	1
Mounting rail TS 32, G rail	L = 2 m						
2. End clamp with U-foot	10 mm wide	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
End clamp TS 35, with screw	8 mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100
End clamp TS 35, without screw	8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. 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:	
	0.75W bis 70°C
Max. load:	100mA
Temperature coefficient:	0 bis +500ppm/°C
Max. operating voltage:	300V





as voltage divider

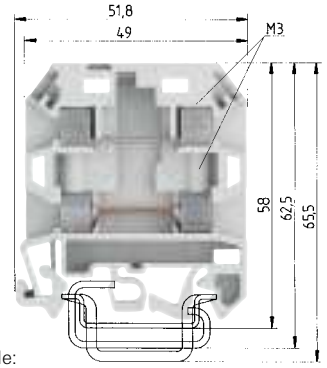
9786 U/12

	fine-stranded	solid	V	A
EN 60947-7-1/DIN VDE 0611 T1	0.5-2.5mm²	0.5-2.5mm²	800V/8kV/3*)	24*)
UL ratings Field/factory wiring				
CSA ratings	No. 22-14 AWG		300 V	6
Width Wire strip length	12mm			9mm
Approvals				

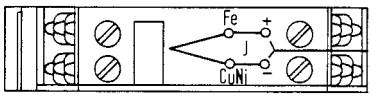
9785 U/... - SPT

	fine-stranded	solid	V	A
	0.5-2.5mm²	0.5-2.5mm²	see description	
	12mm			9mm

			Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Function blocks, empty			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			
Compensating terminal	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
Compensating terminal	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
Thermocouple terminal	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							
Ground disconnect	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
0.5-2.5 mm²	0.5-2.5 mm²	800 V/8 kV/3*)	
12 mm			9 mm

9760 U/8 TKE...

fine-stranded	solid/stranded	V	A
1.0-10 mm²	1.0-10 mm²	24-48 V/110-220 V	30
No. 18-8 AWG		48 V/220 V	25
No. 18-8 AWG		48 V/220 V	25
17.5 mm			9 mm

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

Type	Part No.	Std. Pack
9760 U/8 TKE 48	57.110.1655.0	25
9760 U/8 TKE 220	57.110.1555.0	25

EN 60204 part 1/DIN VDE 0113 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 (24-48 V) or yellow (110-220 V) status display is illuminated.

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

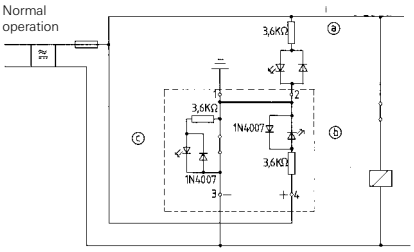
Once the contact separator is open, you can replace the fuse.

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

After the fault had been rectified, the green (24-48 V) or yellow (110-220 V) 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.

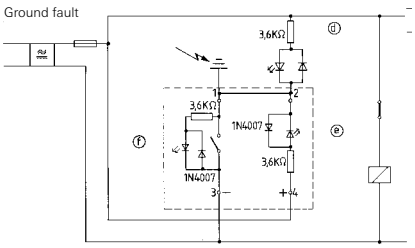
Ground Disconnect terminal with LED 24-48 V≅

Normal operation



ⓐ external status display lights up
ⓑ green status display lights up
ⓒ red ground-fault indicator lights up

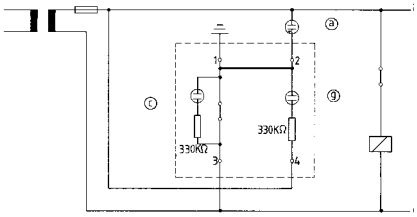
Ground fault



ⓓ external status display lights up
ⓔ green status display lights up
ⓕ red ground-fault indicator lights up

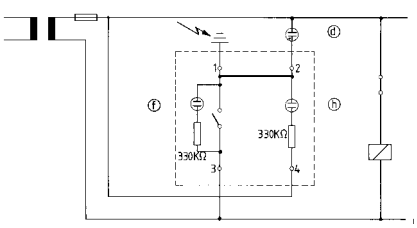
Ground Disconnect terminal with Neon Lamp 110-220 V≅

Normal operation



ⓖ yellow status display lights up

Ground fault

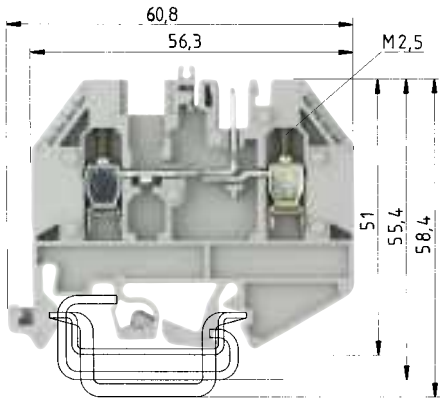


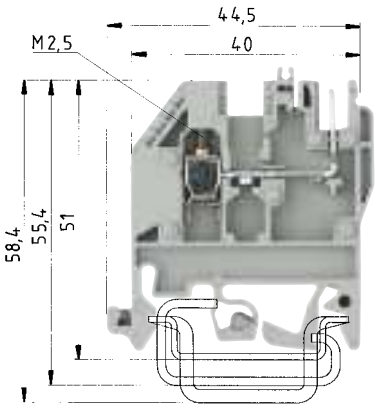
ⓗ yellow indicator light not flashing

Feed-through blocks with *wiecon* pluggable connection

For PC board terminal type

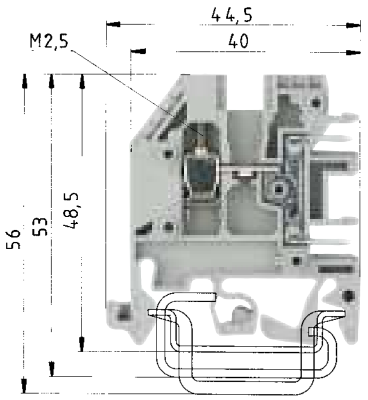
Type 8113 B
Type 8313 B
Type 8113 B/VL
Type 8113 B/VR
Type 8113 B/Top

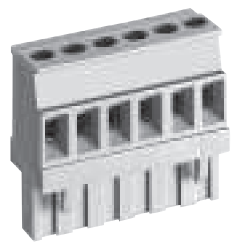




	WK 2,5 U/D/8113 S/V			WK 2,5 U/8113 S/V		
	fine-stranded solid	V	A	fine-stranded solid	V	A
EN 60947-7-1/DIN VDE 0611 T1	0.5-2.5mm² 0.5-4mm²	250V/4kV/3	12	0.5-2.5mm² 0.5-4mm²	250V/4kV/3	12
UL ratings Field/factory wiring	No. 22-12 AWG	300V	15	No. 22-12 AWG	300V	15
CSA ratings	No. 24-12 AWG	300V	15	No. 24-12 AWG	300V	15
Width Wire strip length	5mm		9mm	5mm		9mm
Approvals						

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Feed-through block	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	50
Power block	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	50
Feed-through block, with LED 25V	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	50
Feed-through block, with LED 50V	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	50
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 27 x 15 EN 60715	98.370.0000.0	1	35 x 27 x 15 EN 60715	98.370.0000.0	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	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
End clamp TS 35, with screw	8mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	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	AP 2,5 U/D/8113 S/V	07.311.9055.0	10	AP 2,5 U/8113 S/V	07.312.1555.0	10
	blue				AP 2,5 U/8113	07.312.4655.0	10
4. Spacer	2.5mm 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	10
for *wiecon* PC board connector with spacing 7,5 mm							
5. Cross connector with screws	2 pole	IVB WK 2,5-2	Z7.280.2227.0	10	IVB WK 2,5-2	Z7.280.2227.0	10
insulated	3 pole	IVB WK 2,5-3	Z7.280.2327.0	10	IVB WK 2,5-3	Z7.280.2327.0	10
	12 pole	IVB WK 2,5-12	Z7.280.3227.0	10	IVB WK 2,5-12	Z7.280.3227.0	10
6. Connection rail, tin-plated brass[1)]	L=0.4m		05.561.4115.0	1		05.561.4115.0	1
7. Partition plate with marking facility		TS 2,5 GELB	07.311.2053.8	10	TS 2,5 GELB	07.311.2053.8	10
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	10
9. Cover strip for PCB terminal	24 pole		04.343.9056.8	10		04.343.9056.8	10
with warning symbol	24 pole		04.343.9156.8	10		04.343.9156.8	10
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	100
11. Locking piece	10 pole						
For more accessories see pages 62-79							
For marking systems see pages 72-77							
[1)] 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 mm²	0.5-4 mm²	250 V/4 kV/3	12
No. 22-12 AWG		300 V	20
No. 24-12 AWG		300 V	15
5 mm			9 mm

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

Mating orientation with the wire

fine-stranded	solid	V	A
0.5-2.5 mm²	0.5-4 mm²	250 V/400 V	12
No. 22-12 AWG		300 V	15
No. 24-12 AWG		300 V	15

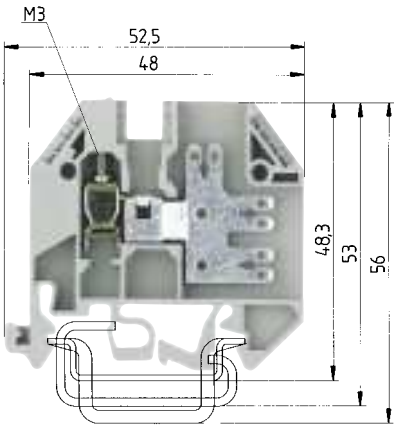
Typ 8113 B/... VR

Mating orientation 90° towards the wire

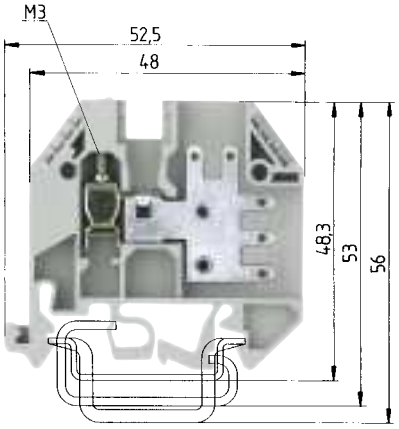
fine-stranded	solid	V	A
0.5-2.5 mm²	0.5-4 mm²	250 V/400 V	12
No. 22-12 AWG		300 V	15
No. 24-12 AWG		300 V	15

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	**Spacing 5.00 mm**			**Spacing 5.00 mm**		
			Rated voltage 250 V			**Rated voltage 250 V**		
			Unmarked			Unmarked		
			8113 B/2 OB	25.320.3253.0	2	8113 B/2 VR OB	25.325.3253.0	2
			to			to		
			8113 B/16 OB	25.320.4653.0	16	8113 B/16 VR OB	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 27 x 15 EN 60715	98.370.0000.0	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	Z5.523.5753.0	100	8113 B/16	25.320.1653.0	16	8113 B/16	25.325.1653.0	16
9708/2 S 35	Z5.522.8553.0	100						
WEF 1/35	Z5.523.9353.0	100						
AP 2,5 U/8113 S/H	07.311.9855.0	10	**Spacing 7.50 mm**					
			Rated voltage 400 V					
			Unmarked					
			8313 B/2 OB	25.360.3253.0	2			
IVB WK 2,5-2	Z7.280.2227.0	10	to					
IVB WK 2,5-3	Z7.280.2327.0	10	8313 B/12 OB	25.360.4253.0	12			
IVB WK 2,5-12	Z7.280.3227.0	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 ***wiecon*** product			For additional pluggable blocks, see ***wiecon*** product		
			family			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



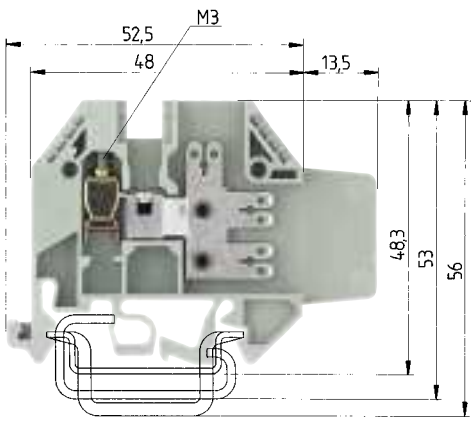
Push-on connectors 2.8x0.8 according to DIN 46247

		WK 4 3-6 S 1 K/U			WK 4 5 S 2,8 1 K/U		
Ratings for use of insulating sleeves		fine-stranded	solid	V / A	fine-stranded	solid	V / A
EN 60947-7-1, EN 61210		0.5-4mm²	0.5-6mm²	800V/8kV/3 20*)	0.5-4mm²	0.5-6mm²	800V/8kV/3 20*)
UL ratings	Field/factory wiring	No. 22-12 AWG		300V 10	No. 22-12 AWG		300V 10
CSA ratings		No. 22-12 AWG		300V 10	No. 22-12 AWG		300V 10
Width	Wire strip length	6mm		9mm	6mm		9mm
Approvals							

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Feed-through block	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
with push-on connection							
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 27 x 15 EN 60715	98.370.0000.0	1	35 x 27 x 15 EN 60715	98.370.0000.0	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	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
End clamp TS 35, with screw	8mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	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	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	Z7.281.1227.0	10	IVB WK 4-2	Z7.281.1227.0	10
insulated	3 pole	IVB WK 4-3	Z7.281.1327.0	10	IVB WK 4-3	Z7.281.1327.0	10
	up to 12 pole	IVB WK 4-12	Z7.281.2227.0	10	IVB WK 4-12	Z7.281.2227.0	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 1.5mm²	yellow		05.592.7553.0	2000		05.592.7553.0	2000
for H0. V-K 2.5mm²	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

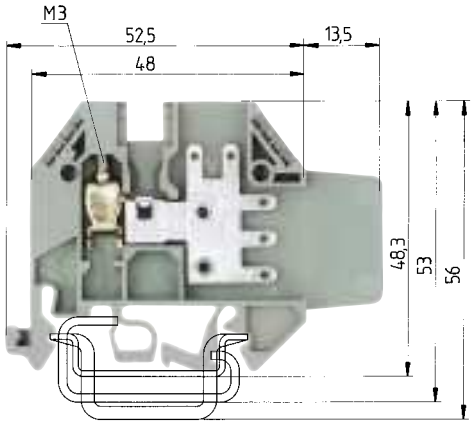
*) Current carrying capability according to DIN 46249



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/IW/U

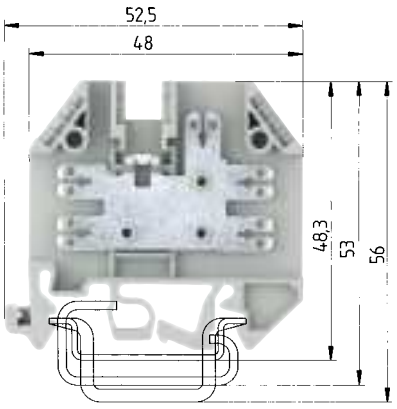
fine-stranded	solid	V	A
0.5-4mm²	0.5-6mm²	800V/8kV/3	20*)
No. 22-12 AWG		600V	10
No. 22-12 AWG		300V	10
6mm			9mm



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

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

fine-stranded	solid	V	A
0.5-4mm²	0.5-6mm²	800V/8kV/3	20*)
No. 22-12 AWG		600V	10
No. 22-12 AWG		300V	10
6mm			9mm



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

WK/5-10 S/U

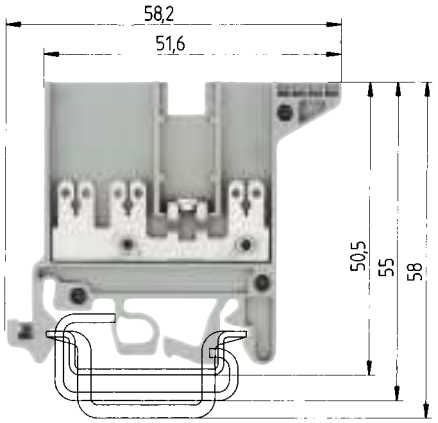
fine-stranded	solid	V	A
		800V/8kV/3	20*)
		300V	10
No. 22-12 AWG		300V	10
6mm			

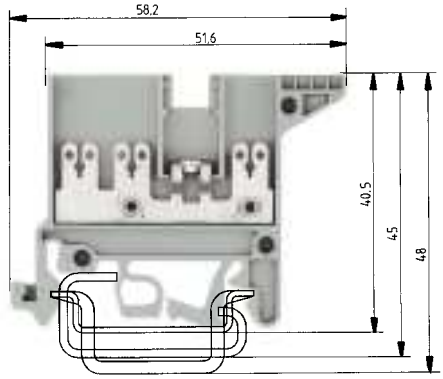
Type	Part No.	Std. Pack
WK 4 3-6 S 1 K/IW/U	57.504.2755.0	100
35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 27 x 15 EN 60715	98.370.0000.0	1
9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100
9708/2 S 35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100
AP4 3 S 1 K	07.311.3855.0	10
IVB WK 4-2	Z7.281.1227.0	10
IVB WK 4-3	Z7.281.1327.0	10
IVB WK 4-12	Z7.281.2227.0	10
TS 4 GELB	07.311.2153.8	10
AD VB 4 GELB	04.326.2153.8	10
	05.592.7553.0	2000
	05.592.7653.0	2000

Type	Part No.	Std. Pack
WK 4 5 S 2,8 1 K/IW/U	57.504.2855.0	100
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
9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100
9708/2 S 35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100
AP4 3 S 1 K	07.311.3855.0	10
IVB WK 4-2	Z7.281.1227.0	10
IVB WK 4-3	Z7.281.1327.0	10
IVB WK 4-12	Z7.281.2227.0	10
TS 4 GELB	07.311.2153.8	10
AD VB 4 GELB	04.326.2153.8	10
	05.592.7553.0	2000
	05.592.7653.0	2000

Type	Part No.	Std. Pack
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 15 EN 60715	98.370.0000.0	1
9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100
9708/2 S 35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100
AP 5 S	07.311.4655.0	10
IVB WKI 4-2	Z7.271.4227.0	10
IVB WKI 4-3	Z7.271.4327.0	10
IVB WKI 4-12	Z7.271.5227.0	10
TS 4 GELB	07.311.2153.8	10
AD VB 4 GELB	04.326.2153.8	10
	05.592.7553.0	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 10A
6.3 20A

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

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

WK/3-6 S/IW/U

fine-stranded	solid	V	A
0.5-4mm²	0.5-6mm²	800V/8kV/3	20
		600V	10
No. 22-12 AWG		300V	10

6mm

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

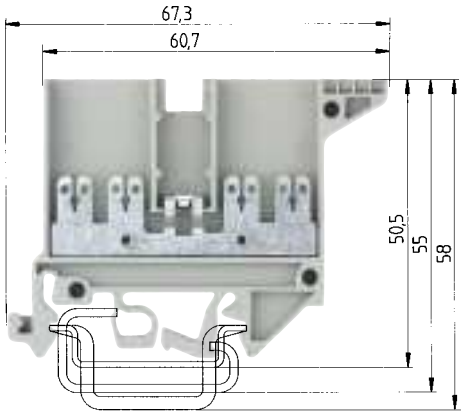
WK/3-6 S/U

fine-stranded	solid	V	A
		800V/8kV/3	20
		300V	10
No. 24-12 AWG		300V	10

6mm

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Feed-through block	gray	WK/3-6 S/IW/U	57.504.6755.0	100	WK/3-6 S/U	57.504.6655.0	100
with push-on connection							
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 27 x 15 EN 60715	98.370.0000.0	1	35 x 27 x 15 EN 60715	98.370.0000.0	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	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
End clamp TS 35, with screw	8mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	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	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	Z7.281.3227.0	10	9703/6-2	Z7.211.0227.0	50
	3 pole	VB WK/...S/IW/U-3	Z7.281.3327.0	10	9703/6-3	Z7.211.0327.0	50
	up to 6 pole	VB WK/...S/IW/U-6	Z7.281.3627.0	10	9703/6-6	Z7.211.0627.0	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 1.5mm²	yellow		05.592.7553.0	2000		05.592.7553.0	2000
for H0. V-K 2.5mm²	yellow		05.592.7653.0	2000		05.592.7653.0	2000

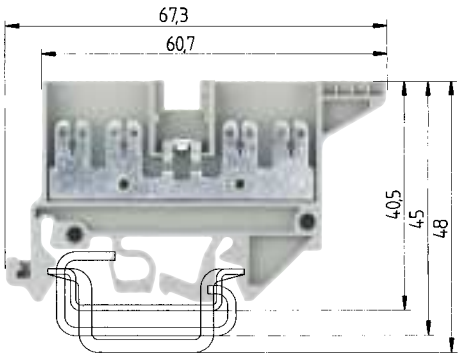
For more accessories see pages 62-79
For marking systems see pages 72-77



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

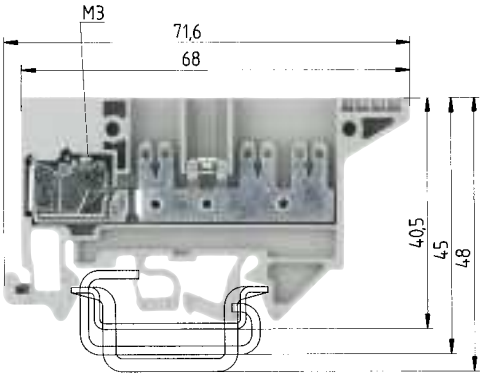
fine-stranded	solid	V	A
		800 V/8 kV/3	20
		600 V	10
No. 22-12 AWG		300 V	10
6 mm			



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

WK/4-8 S/U

fine-stranded	solid	V	A
		800 V/8 kV/3	20
No. 22-12 AWG		300 V	10
6 mm			



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

WK/3-6 S KO/U

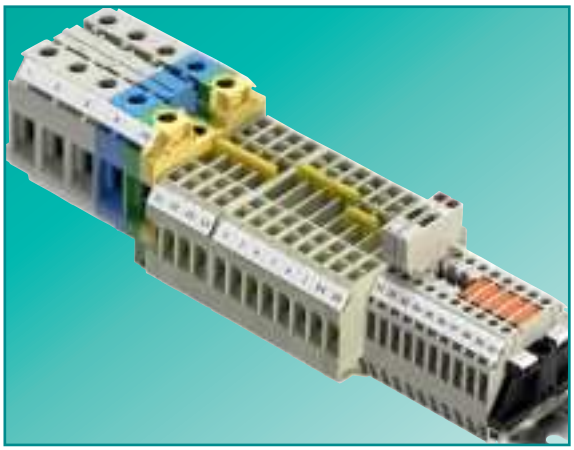
fine-stranded	solid	V	A
0.5 - 4 mm²		690 V/8 kV/3	20
No. 22-12 AWG		300 V	10
No. 22-12 AWG		300 V	10
6 mm			9 mm

Type	Part No.	Std. Pack
WK/4-8 S/IW/U	57.504.6355.0	100
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
9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100
9708/2 S 35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100
AP 4 S/IW	07.311.4355.0	50
VB WK/...S/IW/U-2	Z7.281.3227.0	10
VB WK/...S/IW/U-3	Z7.281.3327.0	10
VB WK/...S/IW/U-6	Z7.281.3627.0	10
TS 4 GELB	07.311.2153.8	10
AD VB 4 GELB	04.326.2153.8	10
	05.592.7553.0	2000
	05.592.7653.0	2000

Type	Part No.	Std. Pack
WK/4-8 S/U	57.504.6255.0	100
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
9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100
9708/2 S 35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100
AP 4 S	07.311.4255.0	10
9703/6-2	Z7.211.0227.0	50
9703/6-3	Z7.211.0327.0	50
9703/6-6	Z7.211.0627.0	50
TS 4 GELB	07.311.2153.8	10
AD VB 4 GELB	04.326.2153.8	10
	05.592.7553.0	2000
	05.592.7653.0	2000

Type	Part No.	Std. Pack
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 15 EN 60715	98.370.0000.0	1
9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100
9708/2 S 35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100
9701 A/6 1 S KO TP 2	07.310.5855.0	50
2072/2	Z7.220.0227.0	50
2072/2	Z7.220.0227.0	50
2072/6	Z7.220.0627.0	50
	05.592.7553.0	2000
	05.592.7653.0	2000

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.

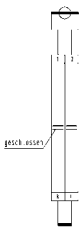
The block and the accessories meet the requirements of protection against accidental finger touch as per BGV A2.

Technical data as per EN 60947-7:

Rated cross section:	6 mm²	Rated current:	57 A
Rated voltage:	400 V	Connection capacity:	0.5 - 10 mm²

Accessories Pos.

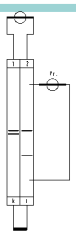
Connection capacity



Disconnect point closed

Short circuit contact open

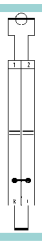
Measured value test



Disconnect point open

Short circuit contact open

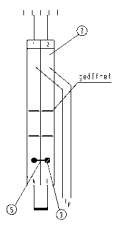
Converter short circuit



Disconnect point open

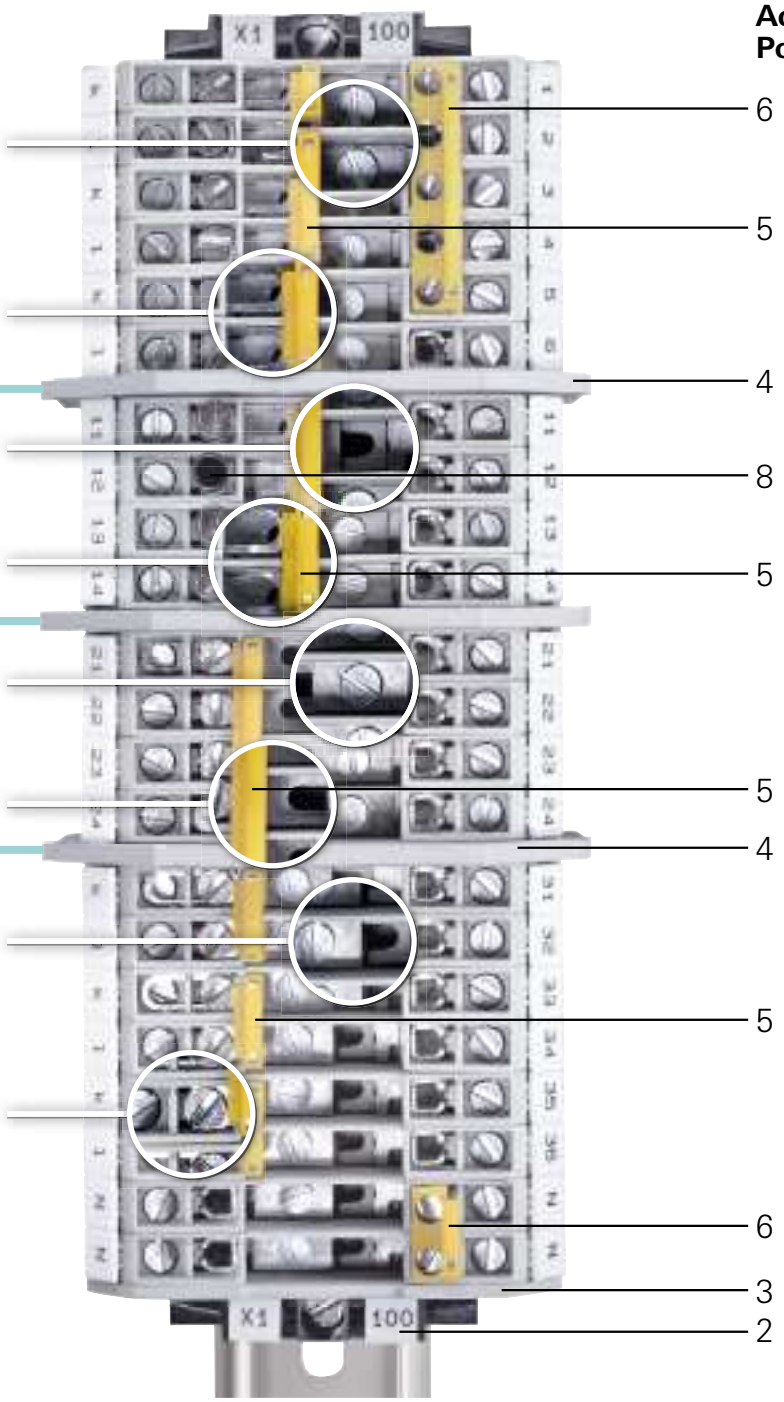
Short circuit contact closed

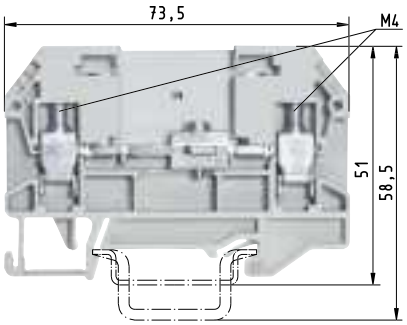
Relay test

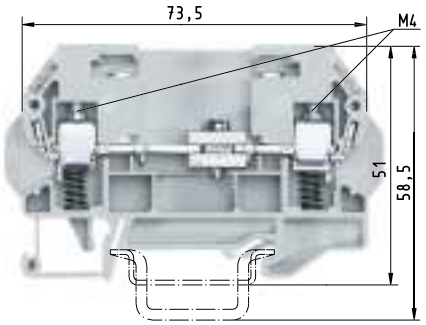


Disconnect point open

Short circuit contact closed







	WKN 6 TK				WKN 6 TK SF			
	fine-stranded	solid	V	A	fine-stranded	solid	V	A
EN 60947-7-1/DIN VDE 0611 T1	0.5-6 mm²	0.5-10 mm²	500 V/6 kV/3	57	0.5-6 mm²	0.5-10 mm²	500 V/6 kV/3	57
EA TS 50-18							500 V	25
Width	8 mm			12 mm	8 mm			12 mm
Wire strip length								
Approvals pending								

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Instrument isolating terminal		WKN6 TK	56.106.0055.0	50	WKN6 TK SF	56.106.0755.0	50
Feed-through block		WKN6 TK D	56.106.0155.0	50	WKN6 TK SFD	56.106.0855.0	50
Accessories							
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 27 x 15 EN 60715	98.370.0000.0	1	35 x 27 x 15 EN 60715	98.370.0000.0	1
Mounting rail TS 32, G rail	L = 2 m						
2. End clamp with U-foot	10 mm wide	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
End clamp TS 35, with screw	8 mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100
End clamp TS 35, without screw	8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	2 mm	APN 6 TK	07.313.1755.0	10	APN 6 TK	07.313.1755.0	10
4. Partition		TW 6 TK	07.312.0453.0	10	TW 6 TK	07.312.0453.0	10
5. Sliding short-circuit slide	2 pole	IVS WKN6 TK-2	Z7.282.7229.0	10	IVS WKN6 TK-2	Z7.282.7229.0	10
insulated	3 pole	IVS WKN6 TK-3	Z7.282.7329.0	10	IVS WKN6 TK-3	Z7.282.7329.0	10
	4 pole	IVS WKN6 TK-4	Z7.282.7429.0	10	IVS WKN6 TK-4	Z7.282.7429.0	10
6. Jumper bar with screws	2 pole	IVB WKN6 TK-2	Z7.282.6229.0	10	IVB WKN6 TK-2	Z7.282.6229.0	10
insulated	3 pole	IVB WKN6 TK-3	Z7.282.6329.0	10	IVB WKN6 TK-3	Z7.282.6329.0	10
	4 pole	IVB WKN6 TK-4	Z7.282.6429.0	10	IVB WKN6 TK-4	Z7.282.6429.0	10
	5 pole	IVB WKN6 TK-5	Z7.282.6529.0	10	IVB WKN6 TK-5	Z7.282.6529.0	10
	6 pole	IVB WKN6 TK-6	Z7.282.6629.0	10	IVB WKN6 TK-6	Z7.282.6629.0	10
7. Jumper comb	2 pole	IVK WKN 6TK-2	Z7.255.8227.0	10			
	3 pole	IVK WKN 6TK-3	Z7.255.8327.0	10			
	4 pole	IVK WKN 6TK-4	Z7.255.8427.0	10			
	5 pole	IVK WKN 6TK-5	Z7.255.8527.0	10			
	6 pole	IVK WKN 6TK-6	Z7.255.8627.0	10			
8. Test socket	gray	SBN 4 GRAU	Z5.511.3553.0	10	SBN 4 GRAU	Z5.511.3553.0	10
	violet	SBN 4 VIOLETT	Z5.511.3553.9	10	SBN 4 VIOLETT	Z5.511.3553.9	10
	green	SBN 4 GRÜN	Z5.511.3553.7	10	SBN 4 GRÜN	Z5.511.3553.7	10
	yellow	SBN 4 GELB	Z5.511.3553.8	10	SBN 4 GELB	Z5.511.3553.8	10
	blue	SBN 4 BLAU	Z5.511.3553.6	10	SBN 4 BLAU	Z5.511.3553.6	10
9. Disconnect locking device		SP WKN 6 TK	05.566.6855.9	50	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

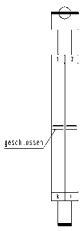
Wieland Electric's ***selos*** WK 6 TK block offers an optimal DIN rail block solution for all types of measuring circuits of current, voltage or energy. All circuits occurring during everyday practice can be implemented with the Instrument isolating terminal and a few accessories parts.

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 mm²	Rated current:	32 A
Rated voltage:	400 V	Connection capacity:	0.5 - 10 mm²

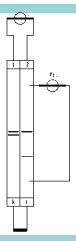
Normal operation



Disconnect point closed

Short circuit contact open

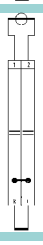
Measured value test



Disconnect point open

Short circuit contact open

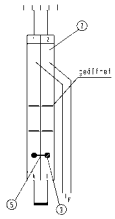
Converter short circuit



Disconnect point closed

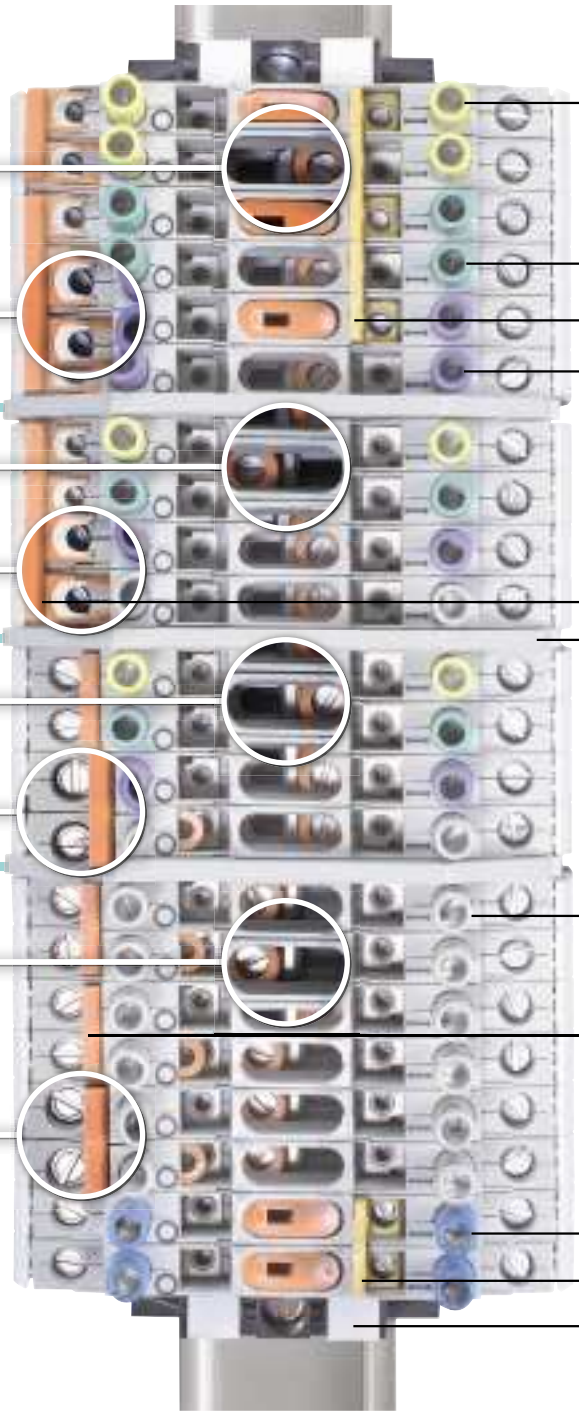
Short circuit contact closed

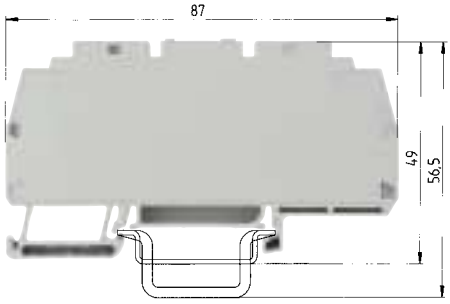
Relay test

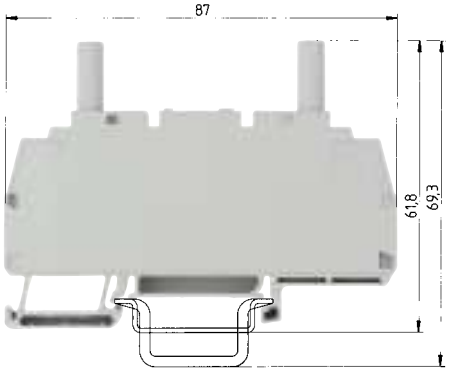


Disconnect point open

Short circuit contact closed







		WK6 TK/35				WK6 TK P3/35			
		fine-stranded	solid	V	A	fine-stranded	solid	V	A
EN 60947-7-1/DIN VDE 0611 T1		0.5-6mm²	0.5-10mm²	400V/6kV/3	32	0.5-6mm²	0.5-10mm²	400V/6kV/3	32
UL ratings	Field/factory wiring	No. 20-8 AWG		600V	45	No. 20-8 AWG		600V	45
CSA ratings		No. 20-8 AWG		300V	45	No. 20-8 AWG		300V	45
Width	Wire strip length	8mm			12mm	8mm			12mm
Approvals									

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Instrument isolating terminal		WK6 TK/35	56.106.0553.0	50			
Instrument isolating terminal with mounted test sockets					WK6 TK P3/35	56.106.0653.0	50
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 27 x 15 EN 60715	98.370.0000.0	1	35 x 27 x 15 EN 60715	98.370.0000.0	1
Mounting rail TS 32, G rail	L=2m						
2. End clamp with U-foot	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 S 35	Z5.522.8553.0	100	9708/2 S 35	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. Partition		TW 6 TK	07.312.0453.0	10	TW 6 TK	07.312.0453.0	10
4. Intermediate plate	2mm thick	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							

Screw type terminal blocks with spring support

		WKN 6 SF				WKN 10 SF			
		fine-stranded	solid	V	A	fine-stranded	solid	V	A
EN 60947-7-1		0.5-6 mm²	0.5-10 mm²	800 V/8 kV/3	41	2.5-10 mm²	1.5-16 mm²	800 V/8 kV/3	57
EA TS 50-18				500 V	30 A			500 V	30 A
Width	Wire strip length	8 mm			11 mm	10 mm			13 mm
Approvals pending									

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Feed-through block	gray	WKN 6 SF	57.506.0555.0	100	WKN 10 SF	57.510.0555.0	100
Accessories							
1. Mounting rail TS 35, DIN rail 7.5 mm high	L = 2 m	35x27x7,5 EN60715	98.300.0000.0	1	35x27x7,5 EN60715	98.300.0000.0	1
Mounting rail TS 35, DIN rail, 15 mm high	L = 2 m	35x27x15 EN60715	98.370.0000.0	1	35x27x15 EN60715	98.370.0000.0	1
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	1
2. End clamp with U-foot	10 mm wide	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
End clamp TS 35, with screw	8 mm wide	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
End clamp TS 35, without screw	8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	gray	APN 6 SF	07.313.2355.0	10	APN 10 SF	07.313.2455.0	10
4. Partition	gray	TW 6 TK	07.312.0453.0	10	TW 6 TK	07.312.0453.0	10
5. Jumper bar with screws	2 pole	IVB WK 6 - 2	Z7.282.2227.0	10	IVB WK 10 - 2	Z7.283.2227.0	10
insulated	3 pole	IVB WK 6 - 3	Z7.282.2327.0	10	IVB WK 10 - 3	Z7.283.2327.0	10
	up to 12 pole	IVB WK 6 - 12	Z7.282.3227.0	10	IVB WK 10 - 12	Z7.283.3227.0	10
6. Single cover f. cross conn. with marking facility		AD VB 6 GELB	04.326.2253.8	10	AD VB 10 GELB	04.326.2353.8	10
Cover with warning symbol over 4 blocks		AD VB 8/4 GELB	04.343.4956.8	10	AD VB 10/4 GELB	04.343.5056.8	10

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

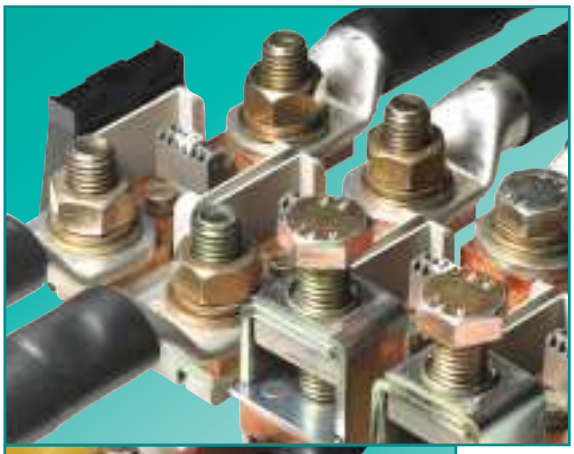
DIN rail terminal blocks with ring lug connection

		WRT 6				WRT 6 TK			
		fine-stranded	solid	V	A	fine-stranded	solid	V	A
EN 60947-7-1		1.5-6 mm²	1.5-6 mm²	1000 V/8 kV/3	41	1.5-6 mm²	1.5-6 mm²	1000 V/8 kV/3	41
cURus		No. 22-8 AWG		600 V	50 A	No. 22-8 AWG		600 V	35 A
Width	Wire strip length	11 mm			10 mm	11 mm			10 mm
Approvals		c UL us				c UL us			

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Feed-through block	gray	WRT 6	57.106.1155.0	100			
Instrument isolating terminal	gray				WRT 6 TK	57.106.1055.0	100
Accessories							
1. Mounting rail TS 35, DIN rail 7.5 mm high	L = 2 m	35x27x7,5 EN60715	98.300.0000.0	1	35x27x7,5 EN60715	98.300.0000.0	1
Mounting rail TS 35, DIN rail, 15 mm high	L = 2 m	35x27x15 EN60715	98.370.0000.0	1	35x27x15 EN60715	98.370.0000.0	1
2. End clamp TS 35, with screw	8 mm wide	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
End clamp TS 35, without screw	8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	gray	APRT 6	07.300.6955.0	10	APRT 6 TK	07.300.7055.0	10
4. Partition	gray	TW 6 TK	07.312.0453.0	10	TW 6 TK	07.312.0453.0	10
5. Jumper bar, insulated	2 pole	IVB WRT 6 TK - 2	Z7.250.5227.0	10	IVB WRT 6 TK - 2	Z7.250.5227.0	10
	3 pole	IVB WRT 6 TK - 3	Z7.250.5327.0	10	IVB WRT 6 TK - 3	Z7.250.5327.0	10
	4 pole	IVB WRT 6 TK - 4	Z7.250.5427.0	10	IVB WRT 6 TK - 4	Z7.250.5427.0	10

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 mm² 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 mm² - 240 mm²	Rated current:	up to 415 A
Rated voltage:	1000 V		

High current blocks, type RFK

- Up to 240 mm² 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.

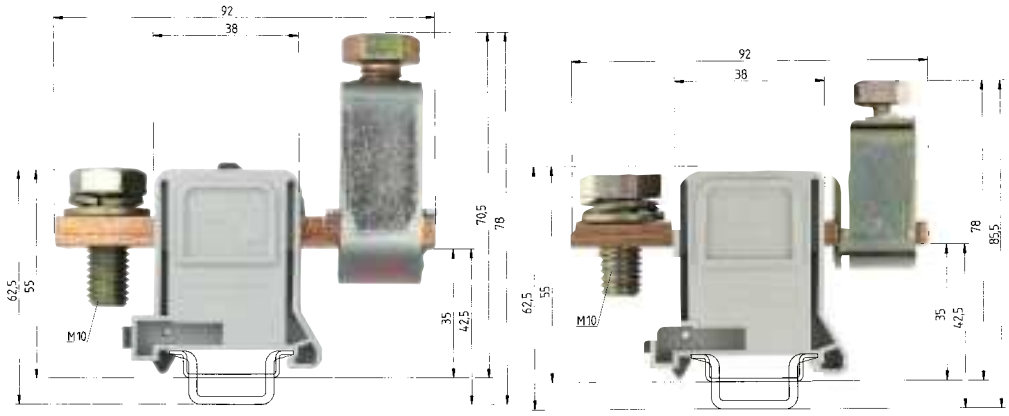
BK M .../35

		V	A
DIN VDE 0110		1000 V/8 kV/3[1]	
UL ratings	Field/factory wiring		
CSA ratings			
Width	Wire strip length		
Approvals			

		Type	Part No.	Std. Pack
Ring lug terminal		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
Accessories				
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	Z5.523.5753.0	100
End clamp TS 35, with screw	8 mm wide	9708/2 S35	Z5.522.8553.0	100
End clamp TS 35, without screw	8 mm wide	WEF 1/35	Z5.523.9353.0	100
3. Partition	for BK M 6	TW BK M 6/35	07.340.3553.0	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
For marking systems see pages 72-77		[1] with partition TW BK		

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.			

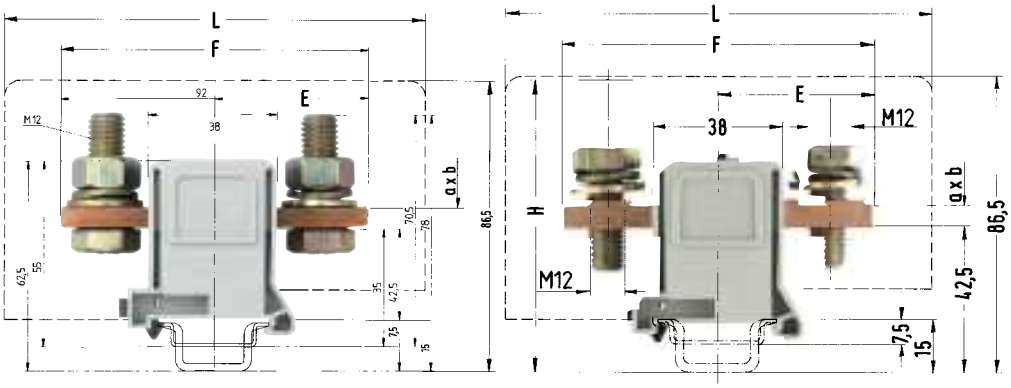
High current blocks with screw connection



		RFK 1/95... S35			RFK 1/150... S35		
		fine-stranded V	A		fine-stranded	V	A
DIN VDE 0611 Teil 1/EN 60947-7-1		16-95 mm²	1000 V	250	70-150 mm²	1000 V	335
UL ratings	Field/factory wiring	6-3/0 AWG	600 V	200	0 AWG - 300 MCM	600 V	275
CSA ratings		6-3/0 AWG	600 V	200	0 AWG - 300 MCM	600 V	300
Width	Wire strip length	32 mm		27 mm	42 mm		27 mm
Approvals							

			Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Configurations	gray	**F**	RFK 1/95 F S 35	56.395.0055.0	10	RFK 1/150 F S35	56.397.0055.0	10
	gray	**K**	RFK 1/95 K S 35	56.395.0155.0	10	RFK 1/150 K S35	56.397.0155.0	10
	gray	**FK**	RFK 1/95 FK S 35	56.395.0255.0	10	RFK 1/150 FK S35	56.397.0255.0	10
	gray	**FM**	RFK 1/95 FM S 35	56.395.1055.0	10			
	gray	**FMK**	RFK 1/95 FMK S 35	56.395.1255.0	10	RFK 1/150 FMK S35	56.397.1255.0	10
Accessories								
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 2/U	Z5.523.5653.0	100	WE 2/U	Z5.523.5653.0	100
End clamp TS 35, with screw		8 mm wide	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
End clamp TS 35, without screw		8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. Cover for RFK 1/...		yellow		Z7.409.5753.0	10		Z7.409.5853.0	10
4. Partition/end plate PA 6.6		2.8 mm 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



RFK 1/185... S35

	V	A
	1000 V/8 kV/3	353
0 AWG - 400 kcmil	600 V	375
0 AWG - 400 kcmil	600 V	375
42 mm		27 mm

RFK 1/240... S35

fine-stranded	stranded	V	A
70-240 mm²	70-240 mm²	1000 V/8 kV/3	415
0 AWG - 500 kcmil		600 V	375
3/0 AWG - 500 kcmil		600 V	425
42 mm			27 mm

mm²	Type	a x b	M I	M II	H	L	F	E
185	F, FM	6 x 26	M 12	–	–	200	92	46
240	F, FM	8 x 26	M 12	–	–	200	92	46
	FK, FMK	8 x 26	M 12	M 12	100,5	200	102	46
	K	8 x 26	–	M 12	100,5	200	112	56

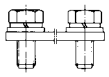
Type	Part No.	Std. Pack
RFK 1/185 F S 35	56.398.0055.0	10
RFK 1/185 FM S 35	56.398.1055.0	10
35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 24 x 15 EN 60715	98.360.0000.0	1
WE 2/U	Z5.523.5653.0	100
9708/2 S35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100
	Z7.409.5853.0	10
TE/RFK 1/150 - 240 PA	07.340.1053.0	50
VB RFK 1/185/2	07.201.4227.0	10
VB RFK 1/185/3	07.201.4327.0	10
VB RFK 1/185/4	07.201.4427.0	10

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

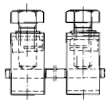
*) Cable lugs of type DIN 46234 to be used only.

Configurations

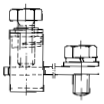
F



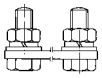
K



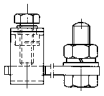
FK



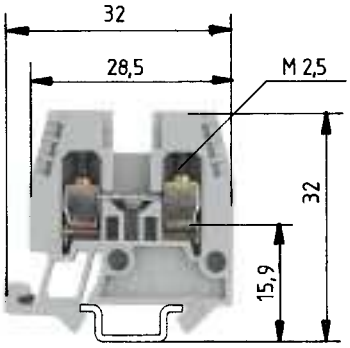
FM

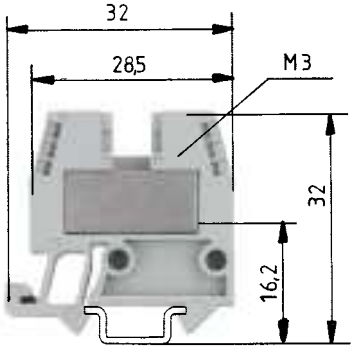


FMK



Mini blocks with screw connection for TS 15





0344 Ex 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[1]	EN 60079-0/EN 60079-7		
Width	Wire strip length		
Approvals			

WKM 2,5/15

fine-stranded	solid	V	A
0.5-2.5 mm²	0.5-4 mm²	500 V/6 kV/3	25
No. 22-14 AWG		300 V	10
No. 22-12 AWG		600 V	25
0.5-2,5 mm²	0.5-4 mm²	275 V	20/20[2]
5 mm			9 mm

ATEX LR

WKM 4/15

fine-stranded	solid	V	A
0.5-4 mm²	0.5-6 mm²	500 V/6 kV/3	28
No. 22-10 AWG		600 V	30
No. 20-10 AWG		600 V	37
0.5-4 mm²	0.5-6 mm²	275 V	21/27[2]
6 mm			9 mm

ATEX LR

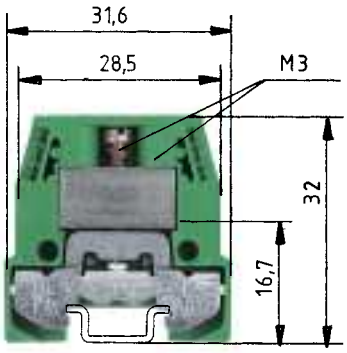
	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Feed-through blocks with solder connection gray						
Feed-through block gray	WKM 2,5/15	55.503.1053.0	100	WKM 4/15	55.504.1053.0	100
Feed-through block blue	WKM 2,5/15 BLAU	55.503.1053.6	100	WKM 4/15 BLAU	55.504.1053.6	100
Ground block green/yellow						
Accessories						
1. Mounting rail 15, DIN rail 5,5 mm high L = 2 m	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	Z5.522.7553.0	100	9208 S 15	Z5.522.7553.0	100
3. End plate gray	APM 2,5 - 4/15	07.311.0853.0	10	APM 2,5 - 4/15	07.311.0853.0	10
blue	APM 2,5 - 4/15 BLAU	07.311.0853.6	10	APM 2,5 - 4/15 BLAU	07.311.0853.6	10
4. Partition gray	TWM 2,5 - 4/15	07.311.1853.0	10	TWM 2,5 - 4/15	07.311.1853.0	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

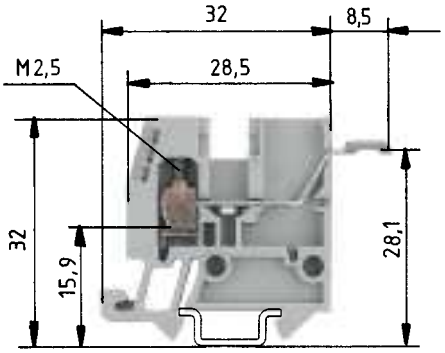
For marking systems see pages 72-77

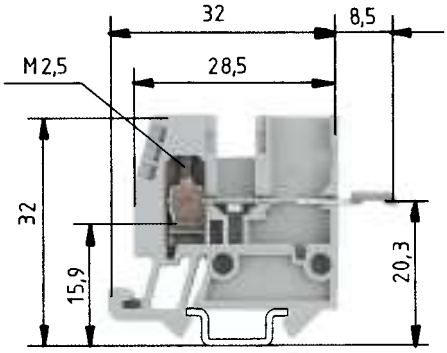
When selectable connecting links are used, a partition must be used. The rated voltage is reduced to 400 V/6 kV/3.

[1] Please note the mounting instructions.
[2] With/without jumper
[3] Ratings to adjacent feed-through blocks of the same series and size.

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.







WKM 4 SL/15

fine-stranded	solid	V	A
0.5-4 mm²	0.5-6 mm²	500 V/6 kV/3[3]	
No. 22-14 AWG		300 V	30
No. 22-10 AWG			
0.5-4 mm²	0.5-6 mm²		
6 mm			9 mm

SEV ATEX LR AEx Ex

WKM 2,5 F1/15

fine-stranded	solid	V	A
0.5-2.5 mm²	0.5-4 mm²	500 V/6 kV/3	24
5 mm			9 mm

Ⓓ

WKM 2,5 F2/15

fine-stranded	solid	V	A
0.5-2.5 mm²	0.5-4 mm²	500 V/6 kV/3	24
5 mm			9 mm

Ⓓ

Type	Part No.	Std. Pack
WKM 4 SL/15	55.504.9153.0	100
9021/15 x 5,5 EN 60715	98.090.0015.0	10
9208 S 15	Z5.522.7553.0	100
APM 4 SL/15	07.311.0753.0	10
VB WKM 2,5/15 M60	Z7.215.4027.0	10

Type	Part No.	Std. Pack
WKM 2,5 F1/15	55.503.1253.0	100
9021/15 x 5,5 EN 60715	98.090.0015.0	10
9208 S 15	Z5.522.7553.0	100
APM 2,5 F./15	07.311.0653.0	10
VB WKM 2,5/15-2	Z7.215.4227.0	50
VB WKM 2,5/15-3	Z7.215.4327.0	50
VB WKM 2,5/15-6	Z7.215.4627.0	50
VB WKM 2,5/15 M60	Z7.215.4027.0	10
AD VB 2,5/15 GELB	04.326.3053.8	10
TSM 2,5/15	07.311.2853.8	10

Type	Part No.	Std. Pack
WKM 2,5 F2/15	55.503.1353.0	100
9021/15 x 5,5 EN 60715	98.090.0015.0	10
9208 S 15	Z5.522.7553.0	100
APM 2,5 F./15	07.311.0653.0	10
VB WKM 2,5/15-2	Z7.215.4227.0	50
VB WKM 2,5/15-3	Z7.215.4327.0	50
VB WKM 2,5/15-6	Z7.215.4627.0	50
VB WKM 2,5/15 M60	Z7.215.4027.0	10
AD VB 2,5/15 GELB	04.326.3053.8	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
WK 2,5/U, Spacing 5 mm, Screw M2,5		
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
WK 4/U, Spacing 6 mm, Screw M3		
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
WK 6/U, Spacing 8 mm, Screw M3,5		
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
WKN 10/U, Spacing 10 mm, Screw M3,5		
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
WKN 16/U, Spacing 12 mm, Screw M4		
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
WKN 35/U, Spacing 16 mm, Screw M5		
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
WKN 70/U, Spacing 24 mm, Screw M6		
WKN 150/U, Spacing 28 mm, Screw M8		

Cross connectors, uninsulated

Rated voltage reduced to 50 V

Type	Part No.	Std. Pack
WK 2,5/U, Spacing 5 mm, Screw M2,5		
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
WK 4/U, Spacing 6 mm, Screw M3		
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
WK 6/U, Spacing 8 mm, Screw M3,5		
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
WKN 10/U, Spacing 10 mm, Screw M3,5		
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
WKN 16/U, Spacing 12 mm, Screw M4		
WKN 35/U, Spacing 16 mm, Screw M5		
WKN 70/U, Spacing 24 mm, Screw M6		
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
WKN 150/U, Spacing 28 mm, Screw M8		
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 380 V!

Type	Part No.	Std. Pack
WK 2,5/U, Spacing 5 mm, Screw M2,5		
Select. connecting link	Z7.269.4023.0	50
Test socket	05.509.6021.0	10
WK 4/U, Spacing 6 mm, Screw M3		
Select. connecting link	Z7.269.4123.0	50
Test socket	05.508.8921.0	10
WK 6/U, Spacing 8 mm, Screw M3,5		
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
WK 2,5/U, Spacing 5 mm		
AD VB 5/10 E GELB	04.342.0556.8	10
AD VB 5/10 P GELB	04.342.3556.8	10
WK 4/U, Spacing 6 mm		
AD VB 6/10 E GELB	04.342.0656.8	10
AD VB 6/10 P GELB	04.342.3656.8	10
WK 6/U, Spacing 8 mm		
AD VB 8/10 E GELB	04.342.0856.8	10
AD VB 8/10 P GELB	04.342.3856.8	10
WKN 10/U, Spacing 10 mm		
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
WK 2,5/U, Spacing 5 mm		
AD 5/4 GELB	04.343.4756.8	10
WK 4/U, Spacing 6 mm		
AD 6/4 GELB	04.343.4856.8	10
WK 6/U, Spacing 8 mm, Screw M3,5		
AD 8/4 GELB	04.343.4956.8	10
WKN 10/U, Spacing 10 mm, Screw M3,5		
ADN 10/4 GELB	04.343.5056.8	10
WKN 16/U, Spacing 12 mm, Screw M4		
ADN 12/4 GELB	04.343.5156.8	10
WKN 35/U, Spacing 16 mm, Screw M5		
AD 16/4 GELB	04.343.5256.8	10
WKN 70/U, Spacing 24 mm, Screw M6		
AD 24/4 GELB	04.343.5356.8	10
WKN 150/U, Spacing 28 mm, Screw M8		
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
WK 2,5/U, Spacing 5 mm		
AD VB 2,5 GELB	04.326.2053.8	10
TS 2,5 GELB	07.311.2053.8	10
WK 4/U, Spacing 6 mm		
AD VB 4 GELB	04.326.2153.8	10
TS 4 GELB	07.311.2153.8	10
WK 6/U, Spacing 8 mm, Screw M3,5		
AD VB 6 GELB	04.326.2253.8	10
TS 6 GELB	07.311.2253.8	10
WKN 10/U, Spacing 10 mm, Screw M3,5		
AD VB 10 GELB	04.326.2353.8	10
TS 10 GELB	07.311.2353.8	10
WKN 16/U, Spacing 12 mm, Screw M4		
AD VB 16 GELB	04.326.2453.8	10
TSN 16 GELB	07.311.8453.8	10
WKN 35/U, Spacing 16 mm, Screw M5		
AD VB 35 GELB	04.326.2553.8	10
WKN 70/U, Spacing 24 mm, Screw M6		
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
WK 2,5/U, Spacing 5mm, Screw M2,5		
IVB WK 2,5-2	Z7.280.2227.0	10
IVB WK 2,5-12	Z7.280.3227.0	10
WKN 2,5 E/U, Spacing 5mm, Screw M2,5		
IVB WK 2,5-2	Z7.280.2227.0	10
IVB WK 2,5-12	Z7.280.3227.0	10
WK 4/U, Spacing 6mm, Screw M3		
Cross connector, insulated		
IVB WK 4-2	Z7.281.1227.0	10
IVB WK 4-12	Z7.281.2227.0	10
WK 4/U and WK 4 TK., Spacing 6mm, 0,5mm thick		
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
WK 4/U and WK 4 TK., Spacing 6mm, 1mm thick		
Jumper comb, insulated		
IVB 1 WK 4-2	Z7.255.4227.0	10
IVB 1 WK 4-12	Z7.255.4227.0	10
WK 4 D1/2 and D2/2, Spacing 6mm, Screw M3		
IVB WK 4/D..-2	Z7.281.7227.0	10
IVB WK 4/D..-12	Z7.281.7427.0	10
WK 4 D /E/U, Spacing 6mm, Screw M3		
IVB WK 4/DEU-2	Z7.271.0227.0	10
IVB WK 4/DEU-12	Z7.271.1227.0	10
WK 4 E/U, Spacing 6mm, Screw M3		
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
WK 4 E/U, Spacing 6mm, 1mm thick		
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
WK 2,5/U, Spacing 5mm, Screw M2,5		
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
WKN 2,5 E/U, Spacing 5mm, Screw M2,5		
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
WK 4/U, Spacing 6mm, Screw M3		
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
WK 4/U and WK 4 TK., Spacing 6mm, 0,5mm thick		
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
WK 4/U and WK 4 TK., Spacing 6mm, 1mm thick		
Jumper comb, uninsulated		
VB 1 WK 4-2	07.255.4227.0	10
VB 1 WK 4-12	07.255.4227.0	10
WK 4 D1/2 and D2/2, Spacing 6mm, Screw M3		
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
WK 4 D1/2 and D2/2, Spacing 6mm, Screw M3		
9215-2	Z7.210.3227.0	50
9215-6	Z7.210.3427.0	50
9215 M-70	Z7.210.3027.0	10
WK 4 E/U, Spacing 6mm, Screw M3		
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
WK 4 E/U, Spacing 6mm, 1mm thick		
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
WK 2,5/U, Spacing 5mm, Screw M2,5		
Select.connecting link	Z7.269.4023.0	50
Test socket	05.509.6021.0	10
WKN 2,5 E/U, Spacing 5mm, Screw M2,5		
Test socket	05.509.6021.0	10
WK 4/U, Spacing 6mm, Screw M3		
Select. connecting link	Z7.269.4123.0	50
Test socket	05.508.8921.0	10
WK 4 D1/2 and D2/2, Spacing 6mm, Screw M3		
Test socket	05.508.8921.0	10
WK 4 D1/2 and D2/2, Spacing 6mm, Screw M3		
Test socket	05.508.8921.0	10
WK 4 E/U, Spacing 6mm, Screw M3		
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
WK 2,5/U, Spacing 5mm		
AD VB 5/10 E GELB	04.342.0556.8	10
AD VB 5/10 P GELB	04.342.3556.8	10
WKN 2,5 E/U, Spacing 5mm		
AD VB 5/10 E GELB	04.342.0556.8	10
AD VB 5/10 P GELB	04.342.3556.8	10
WK 4/U, Spacing 6mm		
AD VB 6/10 GELB	04.342.0656.8	10
AD VB 6/10 P GELB	04.342.3656.8	10
WK 4 D1/2 and D2/2, Spacing 6mm		
AD VB 6/10 GELB	04.342.0656.8	10
AD VB 6/10 P GELB	04.342.3656.8	10
WK 4 D/E/U, Spacing 6mm		
AD VB 6/10 GELB	04.342.0656.8	10
AD VB 6/10 P GELB	04.342.3656.8	10
WK 4 E/U, Spacing 6mm		
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
WK 2,5/U, Spacing 5mm		
AD 5/4 GELB	04.343.4756.8	10
WKN 2,5 E/U, Spacing 5mm		
AD 5/4 GELB	04.343.4756.8	10
WK 4/U, Spacing 6mm		
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
WK 2,5/U, Spacing 5mm		
AD VB 2,5 GELB	04.326.2053.8	10
TS 2,5 GELB	07.311.2053.8	10
WKN 2,5 E/U, Spacing 5mm		
AD VB 2,5 GELB	04.326.2053.8	10
TS 2,5 GELB	07.311.2053.8	10
WK 4/U, Spacing 6mm		
AD VB 4 GELB	04.326.2153.8	10
TS 4 GELB	07.311.2153.8	10
WK 4 D1/2 and D2/2, Spacing 6mm		
AD VB 4 GELB	04.326.2153.8	10
TS 4/15 GELB	07.311.2953.8	10
WK 4 D/E/U, Spacing 6mm		
AD VB 4 GELB	04.326.2153.8	10
TS 4/15 GELB	07.311.2953.8	10
WK 4 E/U, Spacing 6mm		
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
250 V / 2 A

	Part No.	Std. Pack
WK 2,5 ... and WKN 2,5 ..., Spacing 5 mm,		
Screw M2,5		
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
WK 4 ... , Spacing 6 mm, Screw M3		
Test plug ST 2/2,3 RT	Z5.553.2921.0	10
Test plug ST 2/2,3 SW	Z5.553.2921.1	50
Test plug ST 2/2,3 BL	Z5.553.2921.6	100
Short-circuit plug	Z5.553.9400.0	100
Test socket for WK 4...	05.509.8921.0	10
Test socket for WK 4 E...	05.509.8821.0	10
WK 6, Spacing 8 mm, Screw M3,5		
Test plug ST 2/4 SW	Z5.553.3021.0	10
Test socket for WK 6	05.508.3221.0	10
WKN 10, Spacing 10 mm, Screw M3,5		
Test plug ST 2/4 SW	Z5.553.3021.0	10
Test socket for WK 10	05.509.3121.0	10
WKN 16, Spacing 12 mm, Screw M5		
Test plug ST 2/4 SW	Z5.553.3021.0	10
Test socket for WK 10	05.509.3121.0	10
WKN 35, Spacing 16 mm, Screw M6		
Test plug ST 2/4 SW	Z5.553.3021.0	10
Test socket for WK 10	05.509.3121.0	10

Test adapter with solder connection,
can be snapped on modularly

	Part No.	Std. Pack
WK 2,5, Spacing 5 mm		
WK 4 ... , Spacing 6 mm		
Test adapter for WK 4, 230 V/2 A		
with locking	Z1.299.6153.0	10
without locking	Z1.299.8153.0	10
Test adapter for WK 4 E, 230 V/5 A		
with locking	Z1.299.9053.0	10
Contact pin	05.549.1200.0	1

Test adapter
for WK 4

	Part No.	Std. Pack
WK 4/U, Spacing 6 mm		
Test adapter for WK 4, 10-250 V/10 mA - 3.5 A		
1 pole, without cont. pin	Z1.299.9253.0	10
1 pole, snap-on	Z1.299.9453.0	10
10 pole with locking device and strain relief		
PST10-WK4	Z1.299.9553.0	10
Contact pin	05.549.1200.0	1

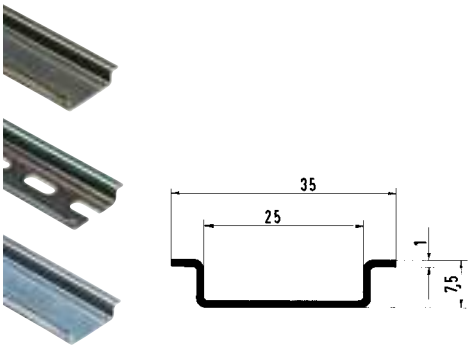
Rapid mounting tool

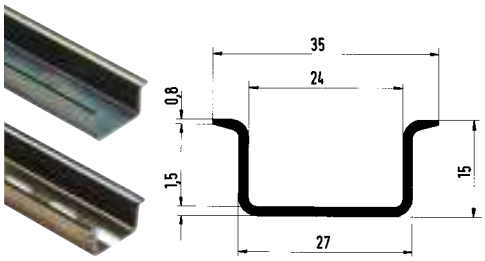
Screwdriver
as tool to be used

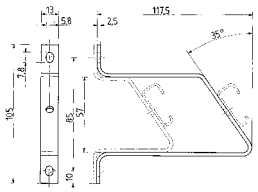
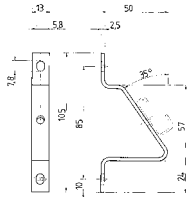
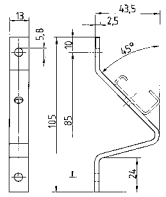
Tightening torques as per EN 60947-1
for ***selos*** DIN rail blocks
II Screws which are tightened with a screwdriver
III Screws which are tightened with a tool other than a screwdriver

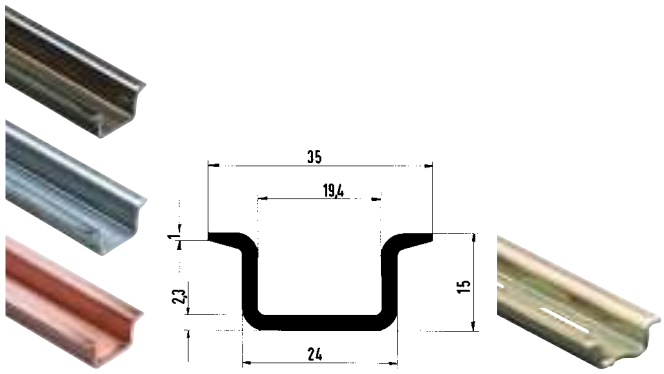
Part No.	Std. Pack	Type	Part No.	Std. Pack			II	III
WK 2,5, Spacing 5 mm		**WK 2,5, Spacing 5 mm**			**WK 2,5, Spacing 5 mm**			
Rapid mounting tool 05.594.5853.0	10	Design: uninsulated, long and straight			Screw for clamping body M2,5*	Nm	0,4	10,4
		DIN 5264 B 0,6x3,5	06.502.4000.0	10	Screw for cross connector M2,5*	Nm	0,4	0,4
		Design: uninsulated, short and straight						
		DIN 5264 B 0,6x3,5	06.502.4000.0	10				
WK 4 ... , Spacing 6 mm		**WK 4 ... , Spacing 6 mm**			**WK 4 ... , Spacing 6 mm**			
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				
WK 6, Spacing 8 mm		**WK 6, Spacing 8 mm**			**WK 6, Spacing 8 mm**			
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
		WKN 10, Spacing 10 mm			**WKN 10, Spacing 10 mm**			
		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
		WKN 16, Spacing 12 mm			**WKN 16, Spacing 12 mm**			
		DIN 5264 B 1x5,5	06.502.4200.0	10	Screw for clamping body M6*	Nm	2,5	3,0
					Screw for cross connector M4*	Nm	1,2	1,2
					WKN 35, Spacing 16 mm			
					Screw for clamping body M6*	Nm	2,5	3,0
					Screw for cross connector M5*	Nm	2,0	2,0
					WKN 70, Spacing 24 mm			
					Screw for clamping body M8*	Nm	3,5	6,0
					Screw for cross connector M6*	Nm	2,5	3,0
					WKN 150, Spacing 28 mm			
					Screw for clamping body M10*	Nm	4,0	10,0
					Screw for cross connector M8*	Nm	3,5	6,0
					*See also AT catalog, chapter on ***facts*** & DATA			

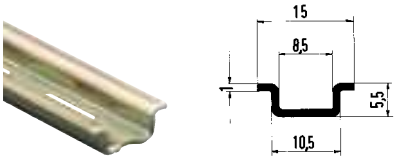
Accessories for DIN rail terminal blocks with screw connection

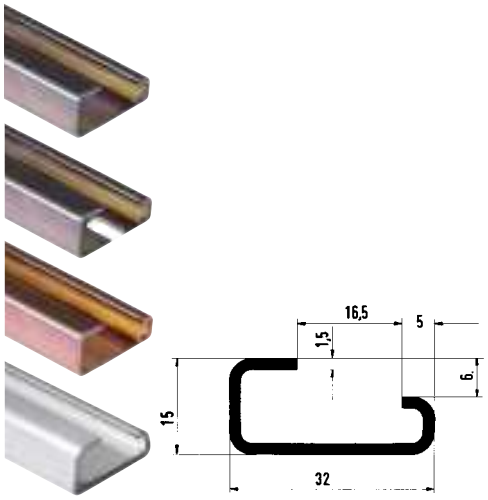




				Mounting rail 35 x 7,5 according to DIN EN 60715			Mounting rail 35 x 15 according to DIN EN 60715		
				Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Mounting rail									
1. Steel, galv. zinc-plated and dichromated	unslotted	L = 2 m		35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 15 EN 60715	98.370.0000.0	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							
4. Steel, V2A	slotted	L = 2 m					35 x 27 x 15 EN 60715	98.370.1001.0	1
5. E copper	unslotted	L = 2 m							
E copper	slotted	L = 2 m							
6. Aluminium	unslotted	L = 2 m							
Accessories									
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 35 x 15 according to DIN EN 60715

Type	Part No.	Std. Pack
35 x 24 x 15 EN 60715	98.360.0000.0	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
9018 D	Z5.516.2511.0	50
9018 H	Z5.516.2711.0	50
9018 N	Z5.516.2811.0	50

Mounting rail 15 x 5,5 according to DIN EN 60715

Type	Part No.	Std. Pack
9021 / 15 x 5,5 EN 60715	98.090.0015.0	10
9021 / 15 x 5,5 EN 60715	98.090.0000.0	1

Mounting rail 32 x 15 according to DIN EN 60715

Type	Part No.	Std. Pack
9006 EN 60715 G-32	98.190.0000.0	1
9006 EN 60715 G-32	98.190.1000.0	1
9006 E-CU	98.220.0000.0	10
9006 AL	98.210.0000.0	1
9018 D	Z5.516.2511.0	50
9018 H	Z5.516.2711.0	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		
		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
End clamp							
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	8 mm wide				WEF 1 /35	Z5.523.9353.0	100
3. End clamp TS 35 without screws	17.5 mm wide				WEF 1 BS /35	69.920.1053.0	100
with marking facilities							
4. End clamp TS 35 without screws	8 mm wide				WEF 1 BSS /35	69.920.1253.0	100
with marking facilities							
5. End clamp TS 35 with screws	8 mm wide						
6. End clamp TS 35 with screws	17.5 mm wide						
with marking facilities							
7. End clamp TS 15 with screws	7.5 mm wide						
End clamp, steel (without picture)	5 mm wide						
8. End clamp with U-foot	10 mm wide						
9. End clamp with U-foot	17.5 mm wide						
with marking facilities							
10. End clamp with U-foot	10 mm wide						
11. End clamp with U-foot	17.5 mm wide						
with marking facilities							
Accessories							
Marking tag for WEF 1/35	wide				BS/R	69.920.1053.0	10
Marking cardboard in perforated sheets	100 tags / sheet					04.019.0289.0	10
Marking tag for WEF 1/35	small					04.243.8550.0	10
Marking cardboard in perforated sheets	small					04.019.1189.0	10

End clamp for TS 35 screw mounting

Type	Part No.	Std. Pack
9708/2 S 35	Z5.522.8553.0	100
9708/2 BS 35	69.920.0553.0	100
	04.019.0289.0	10

End clamp for TS 15 screw mounting

Type	Part No.	Std. Pack
9208 S 15	Z5.522.7553.0	100
9222 S 15	Z5.522.5010.0	100

End clamp with U-foot screw mounting

Type	Part No.	Std. Pack
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

Configuration and marking systems for DIN rail terminal blocks

Configuration software *wieplan*

Type	Part No.	Std. Pack
wieplan CD	95.502.1000.0	1

Contents:

CD with cover

Description:

wieplan is a software used to configure, document and order DIN rail terminal block assemblies. The intuitive user interface makes working with ***wieplan*** as easy as child's play.

wieplan enables data exchange through CAE systems:
– EPLAN 5
– EPLAN Electric P8

System requirements:

Pentium II PC or compatible, min. 200 MHz
64 Mbyte RAM
CD-ROM drive
VGA graphics adapter and monitor

wieplan supports:
– Windows 98®
– Windows 2000®
– Windows NT®
– Windows ME®
– Windows XP®

see page 10

Marking computer *marcom 2*

Type	Part No.	Std. Pack
marcom 2	95.502.0000.0	1

Contents:

Marking computer in case
European power supply unit
Power Pack
Data cassette with job memory
Marking tag carrier
Plotter pen 0.25 mm
Cleaning set

Description:

marcom 2 is a freely programmable marking computer for DIN rail terminal blocks, pluggable connectors, switching devices and cables. The computer provides of a large number of fonts, with numerical and alphanumerical characters and symbols.

marcom 2 is portable and can be used at any location; it can be operated either using the mains or batteries.

Technical data:

Operator panel:	190 mm x 45 mm
Resolution:	0.01 mm
Power supply unit:	50/60 Hz, 100 - 230 V
Output voltage:	9.5 V (150 mV/1.4 VA)
	14 V (450 mA/6,3 VA)
Replaceable battery:	16.8 V (14 NiCd cells)
Dimensions:	380 mm x 190 mm x 63 mm
Weight:	6.2 kg

Marking software *wiemarc*

Type	Part No.	Std. Pack
wiemarc CD	95.502.0501.0	1

Contents:

CD with cover

Description:

wiemarc is a Windows® based plotter software for customized marking using the ***wieplot***500 plotter system.
Both the Wieland standard marking system and marking tags and labels of other suppliers can be marked easily. The ***wiemarc*** software version 4.0 provides the option of connecting to the ***wieplot***500 E-UNIT engraving system.

System requirements:

Pentium II PC or compatible, min. 200 MHz
64 Mbyte RAM
CD-ROM drive
VGA graphics adapter and monitor

wiemarc supports:
– 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

Contents:

Plotter ***wieplot*** 500
Data cable and manual
4 receptacles for WSB*
Accessories kit
Software ***wiemarc***

Description:

With ***wiemarc*** you can create customized marking data on your PC. These can then be output on the ***wieplot*** 500 plotter system to various marking plates.

* WSB (= Wieland standard marking system)

Technical data:

Resolution:	0.01 mm
Accuracy:	+/– 0.05 mm
Power supply unit:	50/60 Hz, 100 - 240 V
Output voltage:	24 V DC 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

Contents:

Plotter pen 0,25 mm with ink cartridge
Permanent Plotter pen 0.3 mm
Cleaning set

Plotter pens for *wieplot* 500 Systeme:

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

Accessories:

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	

Receptacles (Rec.) for Wieland marking plates

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 ***wiemarc*** with non-Wieland plotter systems

Engraving unit for *wieplot* 500

Type	Part No.	Std. Pack
wieplot 500 E-UNIT	95.502.0700.0	1

Contents:

Engraving spindle
Engraving head (with fuse and counter bearing)
Control unit ***wieplot*** VEC 500
Vacuum cleaner ***wieplot*** VC 500
Connection cables

Description:

The ***wieplot*** 500 E-UNIT engraving unit has been designed for use with the ***wieplot*** 500 plotter. The system is set up for engraving multi-layer plastic tags. 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.

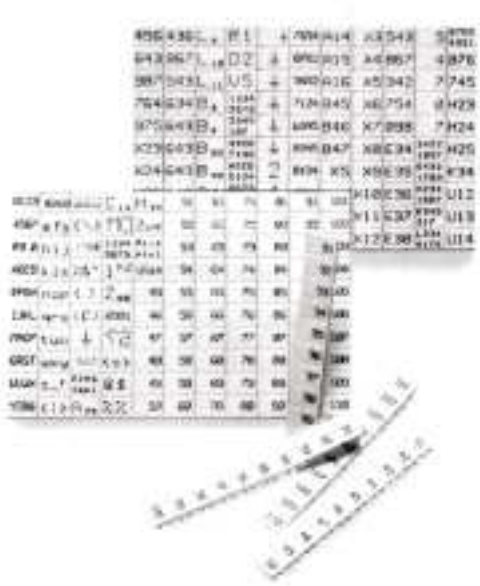
Accessories:

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

Receptacle:

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
Marking plate, unmarked		
Width 5 x 8.3 mm		110 tags per plate
9075 A/5/10/11	Z4.242.5053.0	10
Width 5 x 14 mm		60 tags per plate
9705 AL/5/10/6	Z4.242.5153.0	10
Marking plate, unmarked		
Width 6 x 8.3 mm		110 tags per plate
9075 A/6/10/11	Z4.242.6053.0	10
Width 6 x 14 mm		60 tags per plate
9705 AL/6/10/6	Z4.242.6153.0	10
Marking plate, unmarked		
Width 8 x 8.3 mm		70 tags per plate
9075 A/8/10/7	Z4.242.8053.0	10

Type	Part No.	Std. Pack
Single marking tag, unmarked		
Width 5 x **8.3** mm		
9705 A	04.242.0850.0	500
Width 5 x **14** mm		
9705 AL	04.242.1553.0	500
Single marking tag, marked		
Width 5 x **8.3** mm		
9705 AB*	04.842.0850.0	500
Width 5 x **14** mm		
9705 ALB*	04.842.1553.0	500

2.5 mm²/5 mm wide

Type	Part No.	Std. Pack
Marking strips, unmarked		
9705 A/5/10	04.242.5053.0	25
Marking strips, marked		
9705A/5/9 B 1 - 9	04.842.4953.0	25
9705A/5/10 B *	04.842.5053.0	25
9705A/5/10 B 1 - 10	04.845.0153.0	25
9705A/5/10 B 11 - 20	04.845.0253.0	25
9705A/5/10 B 21 - 30	04.845.0353.0	25
9705A/5/10 B 31 - 40	04.845.0453.0	25
9705A/5/10 B 41 - 50	04.845.0553.0	25
9705A/5/10 B 51 - 60	04.845.0653.0	25
9705A/5/10 B 61 - 70	04.845.0753.0	25
9705A/5/10 B 71 - 80	04.845.0853.0	25
9705A/5/10 B 81 - 90	04.845.0953.0	25
9705A/5/10 B 91 - 100	04.845.1053.0	25
9705A/5/10B SLZ	04.855.0053.0	25
9705A/5/10B ERDZ	04.855.0153.0	25
9705A/5/10 B +	04.855.0253.0	25
9705A/5/10 B -	04.855.0353.0	25
9705A/5/10B L1	04.855.0453.0	25
9705A/5/10B L2	04.855.0553.0	25
9705A/5/10B L3	04.855.0653.0	25
9705A/5/10B PE	04.855.0753.0	25
9705A/5/10B SL	04.855.3153.0	25
9705A/5/10B N	04.855.3253.0	25
9705A/5/10B F1	04.855.0953.0	25
9705A/5/10B F2	04.855.1053.0	25
9705A/5/10B L1L2L3NPE..	04.855.0853.0	25
with enlarged marking area		
9705 AL/5/10	04.242.5153.0	25

* Custom marking upon request

4 mm²/6 mm wide

Type	Part No.	Std. Pack
Marking strips, unmarked		
9705 A/6/10	04.242.6053.0	25
Marking strips, marked		
9705A/6/9 B 1 - 9	04.842.5953.0	25
9705A/6/10 B *	04.842.6053.0	25
9705A/6/10 B 1 - 10	04.846.0153.0	25
9705A/6/10 B 11 - 20	04.846.0253.0	25
9705A/6/10 B 21 - 30	04.846.0353.0	25
9705A/6/10 B 31 - 40	04.846.0453.0	25
9705A/6/10 B 41 - 50	04.846.0553.0	25
9705A/6/10 B 51 - 60	04.846.0653.0	25
9705A/6/10 B 61 - 70	04.846.0753.0	25
9705A/6/10 B 71 - 80	04.846.0853.0	25
9705A/6/10 B 81 - 90	04.846.0953.0	25
9705A/6/10 B 91 - 100	04.846.1053.0	25
9705A/6/10 B SLZ	04.856.0053.0	25
9705A/6/10 B ERDZ	04.856.0153.0	25
9705A/6/10 B +	04.856.0253.0	25
9705A/6/10 B -	04.856.0353.0	25
9705A/6/10 B L1	04.856.0453.0	25
9705A/6/10 B L2	04.856.0553.0	25
9705A/6/10 B L3	04.856.0653.0	25
9705A/6/10 B PE	04.856.0753.0	25
9705A/6/10 B SL	04.856.3153.0	25
9705A/6/10 B N	04.856.3253.0	25
9705A/6/10 B F1	04.856.0953.0	25
9705A/6/10 B F2	04.856.1053.0	25
9705A/6/10 B L1L2L3NPE..	04.856.0853.0	25
with enlarged marking area		
9705 AL/6/10	04.242.6353.0	25

* Custom marking upon request

6 mm²/8 mm wide

Type	Part No.	Std. Pack
Marking strips, unmarked		
9705 A/8/10	04.242.8053.0	25
Marking strips, marked		
9705A/8/9 B 1 - 9	04.842.7953.0	25
9705A/8/10 B *	04.842.8053.0	25
9705A/8/10 B 1 - 10	04.848.0153.0	25
9705A/8/10 B 11 - 20	04.848.0253.0	25
9705A/8/10 B 21 - 30	04.848.0353.0	25
9705A/8/10 B 31 - 40	04.848.0453.0	25
9705A/8/10 B 41 - 50	04.848.0553.0	25
9705A/8/10 B 51 - 60	04.848.0653.0	25
9705A/8/10 B 61 - 70	04.848.0753.0	25
9705A/8/10 B 71 - 80	04.848.0853.0	25
9705A/8/10 B 81 - 90	04.848.0953.0	25
9705A/8/10 B 91 - 100	04.848.1053.0	25
9705A/8/10 B SLZ	04.858.0053.0	25
9705A/8/10 B ERDZ	04.858.0153.0	25
9705A/8/10 B +	04.858.0253.0	25
9705A/8/10 B -	04.858.0353.0	25
9705A/8/10 B L1	04.858.0453.0	25
9705A/8/10 B L2	04.858.0553.0	25
9705A/8/10 B L3	04.858.0653.0	25
9705A/8/10 B PE	04.858.0753.0	25
9705A/8/10 B SL	04.858.3153.0	25
9705A/8/10 B N	04.858.3253.0	25
9705A/8/10 B F1	04.858.0953.0	25
9705A/8/10 B F2	04.858.1053.0	25
9705A/8/10 B L1L2L3NPE..	04.858.0853.0	25

* Custom marking upon request

10 mm²/10 mm wide
16 mm²/12 mm wide
35 mm²/16 mm wide
70 mm²/24 mm wide

Type	Part No.	Std. Pack
10 mm²/10 mm Baubreite		
for 5 blocks		
9705 A/5/10/5 B	04.842.5553.0	25
16 mm²/12 mm wide		
for 5 blocks		
9705 A/6/10/5 B	04.842.6553.0	25
35 mm²/16 mm wide		
for 5 blocks		
9705 A/8/10/5 B	04.842.8553.0	25
70 mm²/24 mm wide		
for 4 blocks		
9705 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
Tear-off marking strips, unmarked			
9704 A		04.241.1150.0	25
Tear-off marking strips			
marked with the same number			
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			
marked with consecutive numbers			
9704 A/1-0 B	1-0	04.841.2150.0	25
Tear-off marking strips			
marked with the same symbols			
9704 A/+	+	04.841.7450.0	25
9704 A/-	–	04.841.7550.0	25
9704 A//	/	04.841.7650.0	25
9704 A/.	.	04.841.7750.0	25
Set of tear-off marking tags			
marked with same numbers			
= 10 x 25 strips = 2.500 numbers			
111 up to 000		04.841.9050.0	1

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

Type		Part No.	Std. Pack
Tear-off marking strips			
marked with the same upper case letters			
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
Set of tear-off marking tags			
marked with same upper case letters			
= 26 x 25 strips = 6.500 numbers			
A up to Z GB		04.841.9150.0	1

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

Type		Part No.	Std. Pack
Tear-off marking strips			
marked with the same lower case letters			
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 /JK 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
Set of tear-off marking tags			
marked with same lower case letters			
= 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
Assortment box for 5 mm width			
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
Assortment box for 6 mm width			
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
Assortment box for 8 mm width			
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
Assortment box for tear-off marking tags			
with 50 digits each			
S0 1/0		04.900.1053.0	1
Assortment box, empty			
S0 1		04.900.0000.0	1

Marking tag carrier
For all blocks

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

Partition
with marking facilities

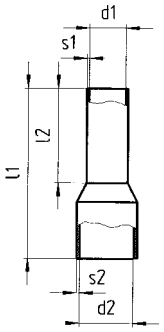
Type	Part No.	Std. Pack
Partition with carrier for marking tags		
for TS 32 and TS 35	Z7.311.1755.0	10
for TS 15	Z7.311.2755.0	10
Partition with carrier for marking cards		
for TS 32 and TS 35	Z7.311.7055.0	10
Accessories		
Marking card in perforated sheets		100 tags/sheets
	04.019.0289.0	10

Ferrules for DIN rail terminal blocks

Ferrules with insulating material sleeve

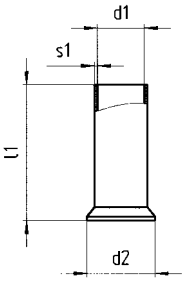
Materials:
Sleeve:
Polypropylene, temperature resistance 105 °C, creepage resistant

Tube:
E-Cu, galvanically tin-plated



Ferrules without insulating material sleeve

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



Cross section mm²	Color	Type	Part No.	Std. Pack	
Ferrules with insulating material sleeve					
according to DIN 46228T4					
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 halflong	yellow		06.600.3527.0	50	
Ferrules without insulating material sleeve					
according to DIN 46228T1					
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 - 10 mm² AWG 28 - 7

Pressing tools

A: 0.08 - 10 mm² AWG 28 - 7
B: 10 - 25 mm² AWG 7 - 4
C: 35 - 50 mm² AWG 2 - 1/0

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Wire strippers		AIW/A	95.350.0100.0	1			
Pressing tool for ferrules							
Pressing tool A	Length: 180 mm				PW/A	95.101.1300.0	1
Pressing tool B	Length: 203 mm				PW/B	95.101.1100.0	1
Pressing tool C	Length: 203 mm				PW/C	95.101.1200.0	1

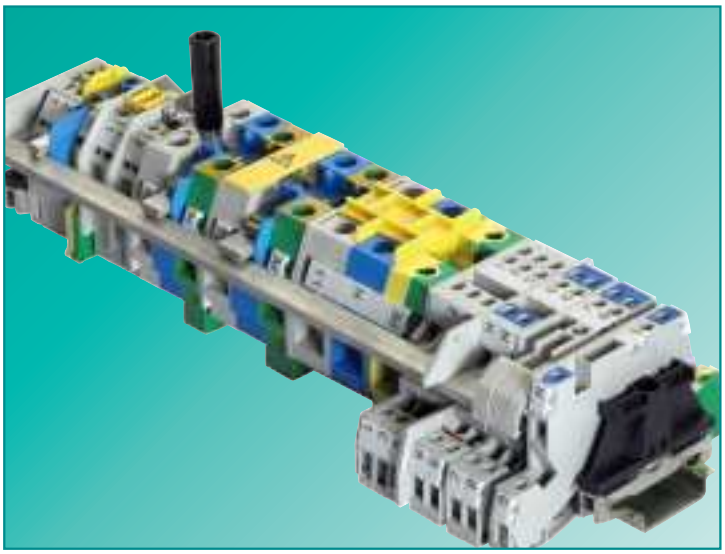
DIN rail terminal blocks for junction boxes with screw connection

„We at Wieland" know what you need!

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

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

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



selos/fasis BIT

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
Type 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^2 and 16 mm^2 the ***fasis*** BIT series enables many innovative solutions for various requirements.

selos BIT
Type 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^2 and 50 mm^2.

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 "atmoshpere 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 certificating 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 Ex mark, the markings of the Wieland terminal blocks have the following meaning:

Ex	Identification
II	Device group
2	Category
G D	Areas
KEMA	Name of testing institute
ATEX...	Certifcate, 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
  – ÖQS Certificate, Austria

Hotline • advice
Additional information

Technical support
Automation technology:

- Safety technology ***safety***
  Phone: +49 951 9324-999
  e-mail: safety@wieland-electric.com
- Remote power distribution ***podis*** ®
  Phone: +49 951 9324-998
- ***interface:*** Power supply, industrial Ethernet switches, timer relays, measuring and monitoring relays, coupling relays, analog modules, remote I/O, surge protection, passive interfaces
  Phone: +49 951 9324-995
- DIN rail terminal blocks ***fasis, selos***
  Phone: +49 951 9324-991
- Industrial multipole connectors ***revos***
  Phone: +49 951 9324-992
- PCB terminals and connectors ***wiecon***
  Appliance terminals, european terminal strips, housings for electronic components
  Phone: +49 951 9324-993

Fax: +49 951 9326-991
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Technical Support
Building services engineering:

- System connectors for building installation
  gesis CON, ***gesis*** RAN, ***gesis*** ELECTRONIC
  Phone: +49 951 9324-996
- DIN rail terminal blocks ***fasis*** BIT, ***selos*** BIT
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Technical Support
Photovoltaics/solar technology:

- Photovoltaics ***gesis*** SOLAR
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  e-mail: Solar@wieland-electric.com

Sales service:

- To contact our sales department regarding availability, delivery schedules, and pricing please call
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Industrial technology

Solutions for the control cabinet

- DIN rail terminal blocks
  - Screw, tension spring or push-in connection technology
  - Wire cross sections up to 240 mm²
  - Numerous special functions
  - Software solutions interfacing to CAE systems
- Safety
  - Safe signal acquisition
  - Safety switching devices
  - Modular safety modules
  - Compact safety controllers
  - Applicative consultancy and training
- Network engineering and fieldbus systems
  - Remote maintenance via VPN industrial router and VPN service portal
  - Industrial Ethernet switches
  - PLC and I/O systems, standard and increased environmental conditions
- Interface
  - Power supply units
  - Overvoltage protection
  - Coupling relays, semiconductor switches
  - Timer relays, measuring and monitoring relays
  - Analog coupling and converter modules
  - Passive interfaces

Solutions for field applications

- Decentralized installation and automation technology
  - Electrical installation for wind tower
  - Fieldbus interfaces and motor starters
- Connectors for industrial applications
  - Rectangular and round connectors
  - Aluminum or plastic housings
  - Degree of protection up to IP 68
  - Current-carrying capacity up to 100 A
  - Connectors for hazardous areas
  - Modular, application-specific technology

PC board terminals and connectors

- Screw or spring clamp connection technology
- Spacings: 3.5 mm to 10.16 mm
- Reflow or wave soldering process

Building and installation technology

- Building installation systems
  - Main power supply connectors IP 20/IP 65 ... IP 68
  - Bus connectors
  - Low-voltage connectors
  - Power distribution system with flat cables
  - Distribution systems
  - Bus systems in KNX, LON and radio technology
  - DIN rail terminal blocks for electrical installations
  - Overvoltage protection

contacts are green.

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