

Headquarters: Wieland Electric GmbH Brennerstraße 10-14 D-96052 Bamberg

Sales and Marketing Center: Wieland Electric GmbH Benzstraße 9 D-96052 Bamberg

Phone +49 (0951) 9324-0 Fax +49 (0951) 9324-198 www.wieland-electric.com www.gesis.com www.gesis-network.com info@wieland-electric.com

#### Industrial technology

- Solutions for the control cabinet
- DIN rail terminal blocks
- Screw, spring clamp or IDC connection technology
- Wire cross sections up to 240 mm<sup>2</sup>
- Numerous special functions
- Software solutions interfacing to CAE systems
- Safety
- Safety sensors
- Safety relays
- Modular safety systems with fieldbus link
- PLC and fieldbus components
- Standard applications in IP20
- Increased environmental conditions with railroad and ship approvals
- Interface
- Coupling relays, semiconductor switches
- Measuring and monitoring relays
- Timer and switching relays
- Analog modules
- Passive interfaces
- Power supply units
- Overvoltage protection

#### Solutions for field applications

- Remote automation technology
- Power distribution
- Fieldbus interfaces and motor starters
- Connectors for industrial applications
- Square and round connectors
- Aluminum or plastic housings
- Degree of protection up to IP68
- 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

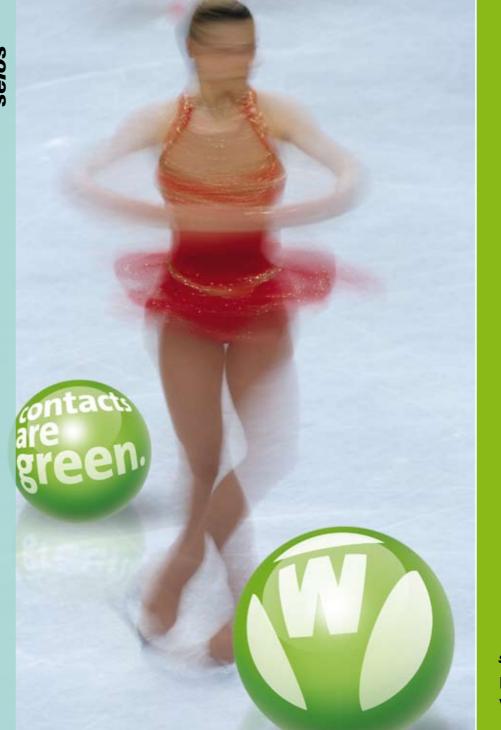
#### **Building and installation technology**

- Building installation systems
- Main power supply connectors IP20/IP65... IP68
- Bus connectors
- Combined 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

0125.0 C 01/09

### **Product Range**





## wieland

### selos

**DIN Rail Terminal Blocks** with Screw Connection



### DIN rail terminal blocks with screw connection selos

#### **Technical information**

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

#### **ATEX** regulation

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

  - Device group Category
  - Areas
  - KEMA Name of testing institute
  - ATEX... Certificate, year of testing, number

#### Mounting instructions for Ex e applications:

- If feed-through blocks are mounted directly adjacent to other feed-through blocks of a different size, or directly adjacent to ground blocks, the open side of the block group of the same type must be covered by an end plate or
- 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 FN 61241-0 and FN 61241-1
- 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. 40 K.

#### DQS certification for all company sectors

- Quality standard as per DINISO 9001 in Development, Production and
- 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
- ÖOS Certificate Austria

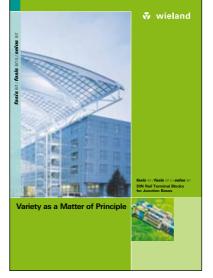


# DIN rail terminal blocks with screw connection **SCIOS**

wieland

Page 12/13	WK 2,5/U	WK 4/U	WK 6/U	WKN 10/U	WKN 16/U
Page 14/15		WKN 70/U	WKN-150/U		
Page 16/17	-	WKN 10 ETK/U	WKN 16 ETK/U		WAK 16/2 BLAU, WAK 35/2 BLAU, WAK 35/2
Page 18/19	WK 2,5 SL	WK 4 SL	WK 6 SL	WKN 10 SL	WKN 16 SL
Page 20/21		WKN/70 SL/U	9700 A/35 E S	9700 A/70 E S	Supply set
Page 22/23	(a.28)	WK 4/D/2/2/U	WK 4/D E/U	WK 4/D/2/2SL/U	
Page 24/25	WK 4 E/U	WK 4 E/U/VB	WK 4 E/U	WK 4 E/rot	WK 4 E SL/U
Page 26/27	WKN 2,5 E/U	WKN 2,5 E/U/VB			
Page 28/29	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 30/31	WK 2,5-4 KOI/U	WK 2,5-4 KOI/U-NGN	WK 2,5-4 KOI/U-PGN		
Page 32/33	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 34/35	WK 4 TKG	WK 4 TKG DIST	WK 4/Si-D/U 5 x 25		
Page 36/37	WK 4 THSI 5x20/U	WK 4 THSI 6,3x32/U	WK 10/SI/U	WK 10/SI/U with indicator	WK 10/SI/U D





Catalog section

## DIN Rail Terminal Blocks for Junction Boxes

Part no. 0117.0

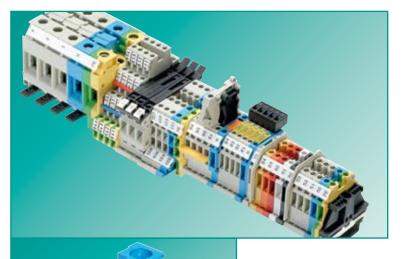




	- W.	N . MC			
Page 38/39	9700 B/30 Si E 14/S 35	9700 B/30 Si E 18/S 35			
Page 40/41	9785 U/	9785 U/ SPT	9786 U/TSK	9760 U/8 TKE	
Page 42/43	WK 2,5 U/D/8113 S/V	WK 2,5 U/8113 S/V	WK 2,5 U/D/8113 S/H	Typ 8113 B/, 8313 B/	Typ 8113 B/ VR
Page 44/45	WK 4 3-6 S 1 K/U	WK 4 5 S 2,8 1 K/U	WK 4-3-6 S 1 K/IW/U	WK 4-5 \$ 2,8 1 K/IW/U	WK/5-10 S/U
Page 46/47	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		
Page 52/53			WK6 TK/35	WK6 TK P3/35	
Page 54/55			BK M 10/35		
Page 56/57	RFK 1/95 \$35	RFK 1/150 \$35	RFK 1/185 \$35	RFK 1/240 \$35	
Page 58/59	WKM 2,5/15	WKM 4/15	WKM 4 SL/15	WKM 2,5 F1/15	WKM 2,5 F2/15
Page 60-67	Cross connectors	Cover strips with warning symbol		Screw driver	T\$ 35 x 15
Page 68-77	End clamp for TS 35	Configuration software	Plotter system wieplot 500	FRANKARAKATATATATATATATATATATATATATATATATATA	Pressing tool
					·

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### **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:

 $2.5\,mm^2-240\,mm^2$ Rated cross section: Rated current: Up to 415 A 800/500V Rated voltage:

- 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



- 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



- 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



- 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

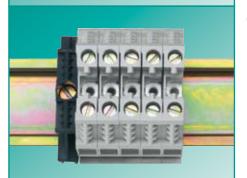
- Maximum possible stable contact strength regardless of cross section
- Functional dependability—no damage to the screw's threading even after screws are tightened and loosened several times
- Gas-proof electrical connection in accordance with approvals.



#### **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.



#### 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°CCreepage resistance: CTI 600

- Flammability class: UL94-V0, self-extinguishing

## DIN rail terminal blocks with screw connection **SCIOS**



#### 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

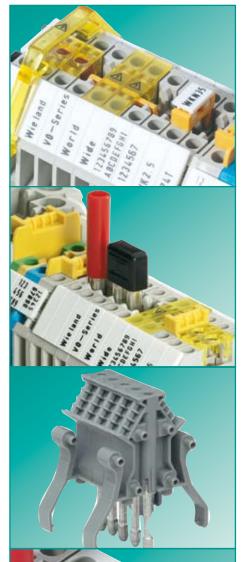
#### Additional jumpering option

- 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.



#### 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.



#### Benefits:

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



#### Benefits:

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





selos fasis – taris

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

#### But **wieplot** offers even more!

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

#### Marking with a system

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

#### 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

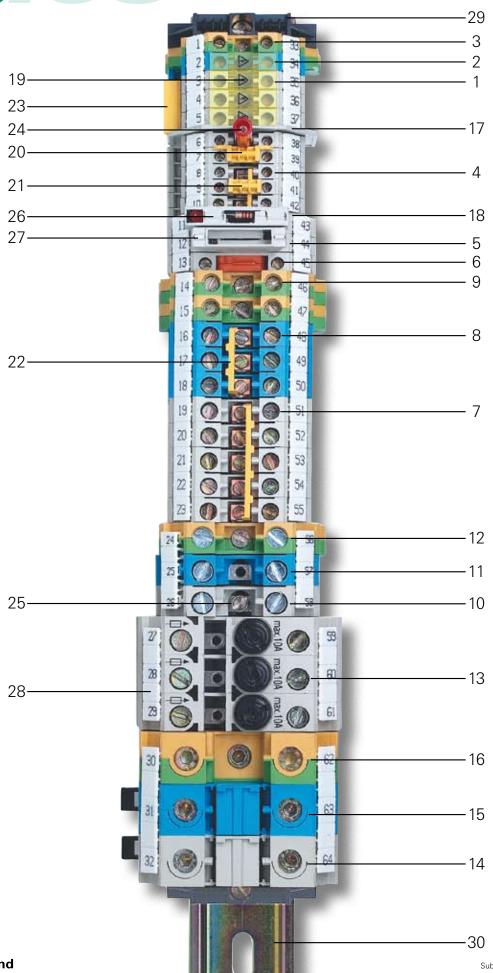


#### **Durable and safe**

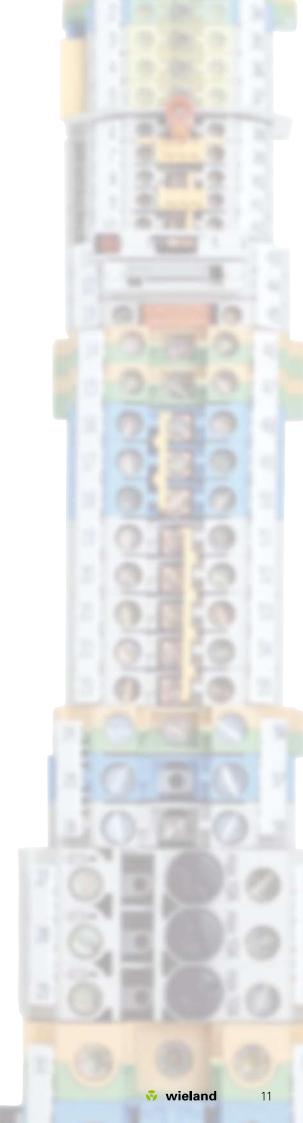
- Easy modification of wieplot to make it an engraving system
- Engraving of multi-layer plastic boards
- Clean and dust-proof operation due to integrated suctioning device
- Create individual layouts using wiemarc

## DIN rail terminal blocks with screw connection

### selos



Pos	. Description	Туре	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
۷1	Diode play, without contacts	וסוסו	21.200.0100.0
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

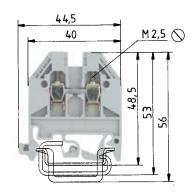
UI wire connection versions

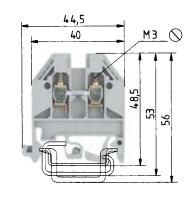
4) or 2x no. 14 sol/str AWG or 2x no. 16 sol/str AWG or 2x no. 18 sol/str AWG or 3x no. 20 sol/str AWG or 3x no. 22 sol/str AWG

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

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

Approvals





0344 🐼 II 2GD IM2 Ex e I/II EN 60947-7-1:2002 UL ratings Field/factory wiring CSA ratings KEMA 02 ATEX 2114 U<sup>1)</sup> EN 60 079-0/EN 60 079-7 Width Wire strip length WK 2,5/U

fine-stranded solid 0.5-2.5 mm<sup>2</sup> 0.5-4 mm<sup>2</sup> 800 V/8 kV/3 No. 22-12 AWG 600 V No. 24-12 AWG 600 V 0.5-2.5 mm<sup>2</sup> 0.5-4 mm<sup>2</sup> 690 V

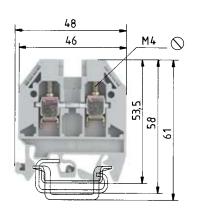
(B) (A) (A) ATEX (B) IR (A) (A) AEX (B) (B) EX

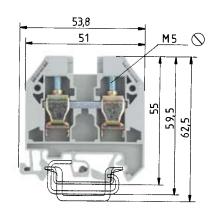
**WK 4/U** 

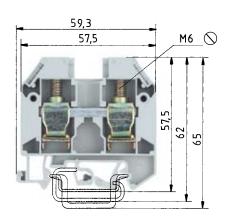
fine-stranded solid Α 24 0.5-4 mm<sup>2</sup> 800 V/8 kV/3 32 0.5-6mm<sup>2</sup> 20/30 No. 22-10 AWG<sup>4)</sup> 600 V 30/35 25 No. 20-10 AWG 600 V 40 23 0.5-4 mm<sup>2</sup> 0.5-6 mm<sup>2</sup> 690 V 14/273) 9mm 6mm 9mm

(GL) 🚣 🖍 (NV) ATEX 🕮 LR 🕦 NL AEX 👀 👀 EX

		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=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, 15 mm		35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
Mounting rail TS 32, G rail <sup>2)</sup>	L=2m	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1
2. End clamp with U-foot <sup>2)</sup>	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	8mm wide	9708/2 S35	Z5.523.3753.0 Z5.522.8553.0	100	9708/2 S35	Z5.523.3753.0 Z5.522.8553.0	100
End clamp TS 35, without screw	8mm wide	WEF 1/35	Z5.522.8353.0 Z5.523.9353.0	100	WEF 1/35	Z5.522.6353.0 Z5.523.9353.0	100
3. End plate		AP 2,5 - 4	07.311.0155.0	100	AP 2.5 - 4	07.311.0155.0	100
o. Liiu pidte	gray	AP 2,5 - 4 BLAU	07.311.0155.0	10	AP 2,5 - 4 AP 2,5 - 4 BLAU	07.311.0155.0	10
4. Partition	gray	TW 2,5 - 4	07.311.1155.0	10	TW 2,5 - 4	07.311.0155.0	10
4. Faltition	blue	TW 2.5 - 4 BLAU	07.311.1155.6	10	TW 2,5 - 4 TW 2.5 - 4 BLAU	07.311.1155.6	10
5. Cross connector with screws		IVB WK 2,5 - 2	Z7.280.2227.0	10	IVB WK 4 - 2	Z7.281.1227.0	10
insulated	2 pole 3 pole	IVB WK 2,5 - 2	Z7.280.2227.0 Z7.280.2327.0	10	IVB WK 4 - 2	Z7.281.1227.0 Z7.281.1327.0	10
insulated	up to 12 pole	IVB WK 2,5 - 3	Z7.280.2327.0 Z7.280.3227.0	10	IVB WK 4 - 12	Z7.281.1327.0 Z7.281.2227.0	10
C. Donatition of the control of the	up to 12 pole			10			
6. Partition plate with marking facility		TS 2,5 GELB	07.311.2053.8		TS 4 GELB	07.311.2153.8	10
7. Single cover with marking facility	la alia	AD VB 2,5 GELB	04.326.2053.8	10	AD VB 4 GELB	04.326.2153.8	10
Cover with warning symbol over 4 bl	IOCKS	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 60-77		*) For maintaining the	oroner isolation distar	nces the onen side of	a feed-through terminal bl	ock as well as both s	ides of a jumper:
		to be enclosed by pa	rtitions.		· ·		
For marking systems see pages 70-75		1) Please note the mour		he cover page.	2) Do not use in Ex enviro	nments. 3) Wit	h/without jun







#### **WK 6/U**

# fine-stranded solid V A 0.5-6 mm² 0.5-10 mm² 800 V/8 kV/3 41 No. 22-8 AWG<sup>5</sup> 600 V 50/50 No. 20-8 AWG 600 V 45 0.5-6 mm² 0.5-10 mm² 690 V 35/38³ 8 mm 11 mm

#### WK 10/U

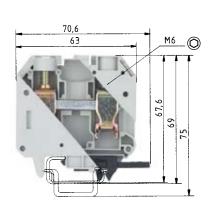
VVIX 10/0			
fine-stranded	solid/standed	V	A
2.5-10 mm <sup>2</sup>	1.5-16 mm <sup>2</sup>	800 V/8 kV/3	5
No. 16-6 AWG	6)	600 V	65/6
No. 16-6 AWG		600 V	70
2.5-10 mm <sup>2</sup>	1.5-16 mm <sup>2</sup>	690 V	43/56 <sup>3</sup>
10 mm			13 mn
(GL) SEV (NV) ATE	EX LR <b>91 91</b> aex 🚯	<b>⊕</b> Ex	

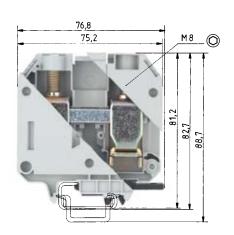
#### WK 16/U

	VVIC 10/0			
Α	fine-stranded	solid/stranded	V	Α
7	4-16 mm <sup>2</sup>	1.5- 25 mm <sup>2</sup>	800V/8kV/3	76
5	No. 12-4 AWG		600 V	85/90
0	No. 14-4 AWG		600 V	95
(3)	4-16 mm <sup>2</sup>	1.5-25 mm <sup>2</sup>	690 V*	61/713)
n	12 mm			15 mm
		(A) // // // // // // // // // // // // //	ര	

(B) (A) STEX (B) (IR <b>SN SN</b> AEX (B) (B) EX		GL <u>∕sev</u> (NV) ATEX LI	R <b>FU FU</b> AEX @ @ EX		(GL) ATEX L	R <b>PU PU</b> AEX <b>® ®</b> EX		
Туре	Part No.	Std. Pack	Type	Part No.	Std. Pack	Туре	Part No.	Std. Pack
NK 6/U	57.506.0055.0	100	WKN 10/U	57.510.0155.0	50	WKN 16/U	57.516.0155.0	50
WK 6/U BLAU	57.506.0055.6	100	WKN 10/U BLAU	57.510.0155.6	50	WKN 16/U BLAU	57.516.0155.6	50
85 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
AP 6	07.311.0255.0	10	APN 10	07.311.6655.0	10	APN 16	07.311.6755.0	10
AP 6 BLAU	07.311.0255.6	10	APN 10 BLAU	07.311.6655.6	10	APN 16 BLAU	07.311.6755.6	10
ΓW 6	07.311.1255.0	10	TWN 10	07.311.7655.0	10	TWN 16	07.311.7755.0	10
TW 6 BLAU	07.311.1255.6	10	TWN 10 BLAU	07.311.7655.6	10	TWN 16 BLAU	07.311.7755.6	10
VB WK 6 - 2	Z7.282.2227.0	10	IVB WKN 10 - 2	Z7.283.2227.0	10	IVB WKN 16 - 2	Z7.284.2227.0	10
VB WK 6 - 3	Z7.282.2327.0	10	IVB WKN 10 - 3	Z7.283.2327.0	10	IVB WKN 16 - 3	Z7.284.2327.0	10
VB WK 6 - 12	Z7.282.3227.0	10	IVB WKN 10 - 12	Z7.283.3227.0	10	IVB WKN 16 - 12	Z7.284.3227.0	10
rs 6 gelb	07.311.2253.8	10	TS 10 GELB	07.311.2353.8	10	TSN 16 GELB	07.311.8453.8	10
AD VB 6 GELB	04.326.2253.8	10	AD VB 10 GELB	04.326.2353.8	10			
AD VB 8/4 GELB	04.343.4956.8	10	AD VB 10/4 GELB	04.343.5056.8	10	AD VB 12/4 GELB	04.343.5156.8	10

# Feed-through blocks with screw connection **SCIOS**





Enclosed design

Enclosed design

Width

WKN 35/U

Wire strip length

fine-stranded stranded V A
10-35 mm² 10-50 mm² 800 V/8 kV/3 125
No. 10-2 AWG 600 150
No. 12-2 AWG 600 150
10-35 mm² 10-50 mm² 690 V\* 86/124³
16 mm 8 EPM ATEX IR PA PARE & EE

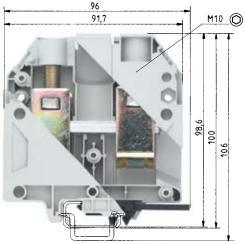
**WKN 70/U** 

A fine-stranded stranded V A
125 10-70 mm² 16-95 mm² 800 V/8 kV/3 192
150 No. 6-2/0 AWG 600 V 175/175
150 No. 6-2/0 AWG 600 V 170
124³ 10-70 mm² 16-95 mm² 690 V 179/179³
mm 24 mm

© ATEX IS N 66-

oprovals		GLEPM ← W ATEX LR	<b>91 91</b> AEX <b>(1) (1)</b> EX		©L △ W ATEX LR <b>N</b>	Œ Œ ex	
		Туре	Part No.	Std. Pack	Туре	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=2m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
Mounting rail TS 32, G rail <sup>2)</sup>	L = 2 m	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1
2. End clamp with U-foot <sup>2)</sup> 1	0 mm wide	WE 2/U	Z5.523.5653.0	100	WE 2/U	Z5.523.5653.0	100
End clamp TS 35, with screw	8mm wide	9708/2 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						
	blue						
4. Partition	gray	TWN 35	07.311.7855.0	10	TWN 70	07.311.7955.0	10
	blue	TWN 35 BLAU	07.311.7855.6	10	TWN 70 BLAU	07.311.7955.6	10
5. Cross connector with screws	2 pole	IVB WKN 35 - 2	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
u	p to 6 pole	IVB WKN 35 - 6	Z7.285.2627.0	5	VB WKN 70 - 6	Z7.286.3627.0	10
ир	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	3	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 60-77		*) For maintaining the p		nces, the open side of	a feed-through terminal bl	ock as well as both si	des of a jumper
For marking systems see pages 70-75		Please note the mour		the cover page.	2) Do not use in Ex enviro	nments. 3) With	n/without jump





Enclosed design

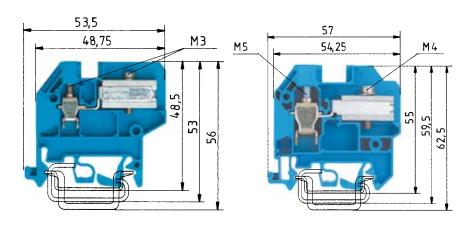
#### WKN 150/U

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 365
No. 2/0 AWG − 350 kcmil 600 V 365
35-150 mm² 35-185 mm² 690 V 290/309³)
28 mm

ATEX LR 31 € € € kx

Туре	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	
9708	Z5.522.7053.0	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: solid: 4 mm<sup>2</sup> 6mm²

25 A 30 A

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

45 A 50 A

EN 60947-7-1/DIN VDE 0611 T1

Field/factory wiring UL ratings

CSA ratings Width

Wire strip length

WKN 4 ETK/U

6mm

fine-stranded stranded V 400 V / 6 k V / 3\*)  $0.5\text{-}4\,mm^2$  $0.5-6\,mm^2$ 

WKN 10 ETK/U

A fine-stranded solid/stranded 1-10 mm<sup>2</sup>

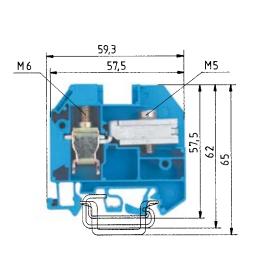
400 V / 6 k V / 3\*) 1-16 mm<sup>2</sup>

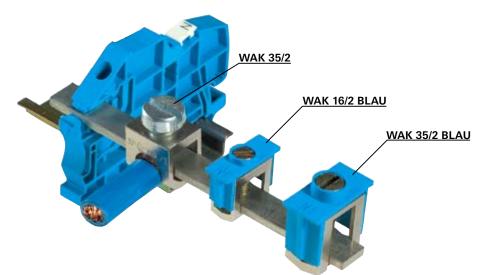
9mm 10mm

13 mm

Vidth Approvals	e strip length	6 mm		9 mm	10 mm			13 m
,pprovaio						5	0.10.1	
Newton discoursed block	la la ca	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	n 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, 15 mm	n high L=2m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1	
Mounting rail TS 32, G rail <sup>2)</sup>	L = 2 m	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1	
2. End clamp with U-foot <sup>2)</sup>	10 mm wide	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100	
End clamp TS 35, with screw	8mm wide	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100	
End clamp TS 35, without screw	8mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100	
3. End plate	gray							
	blue	APN 4 ETK	07.312.1155.0	10	APN 10 ETK	07.312.0955.0	10	
4. Partition	gray							
	blue							
5. Cross connector with screws	2 pole							
insulated	3 pole							
	up to 12 pole							
6. Partition plate with marking facility								
7. Single cover with marking facility		AD VB 4 GELB	04.326.2153.8	10	AD VB 10 GELB	04.326.2353.8	10	
8. Cover with warning symbol over 4 b	olocks							
9. Busbar, E-Cu, $10 \times 3$ mm, blank, $I_N = 14$	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 <sub>N</sub> = ??	L = 1 m	9813 M SN	98.290.1000.0	1	9813 M SN	98.290.1000.0	1	
10. Connection clamp f. busbar	8.5 mm wide	WAK 16/2 BLAU	30.494.3021.6	100	WAK 16/2 BLAU	30.494.3021.6	100	
·	12.5 mm wide	WAK 35/2 BLAU	30.494.4021.6	100	WAK 35/2 BLAU	30.494.4021.6	100	
	17 mm wide	WAK 35/2	30.494.4121.0	50	WAK 35/2	30.494.4121.0	50	
11. Rail holder	8mm wide	WKIF SH/E/35	Z1.108.8953.0	100	WKIF SH/E/35	Z1.108.8953.0	100	
For more accessories see pages 60-77								
For marking systems see pages 70-75		*) For use in grounded	d networks 690/400\	/				

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





Current carrying capability:

fine-stranded: 16 mm<sup>2</sup> stranded: 25 mm<sup>2</sup>

62 A 67 A

EN 60 998-2-1 CCA/CH

EN 60 998-2-1 CCA/CH

WKN 16 ETK/U

 $\begin{array}{lll} fine\text{-stranded} & solid/stranded & V \\ 4\text{-}16\,\text{mm}^2 & 4\text{-}25\,\text{mm}^2 & 400\,\text{V}/6\,\text{kV}/3^*) \end{array}$ 

**WAK 16/2** 

fine-stranded stranded 1,5-16 mm<sup>2</sup> 10-16 mm<sup>2</sup>

WAK 35/2

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

V A 125

12 mm **√**\$€**\**  15mm

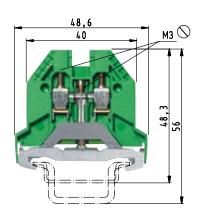
8,4 mm

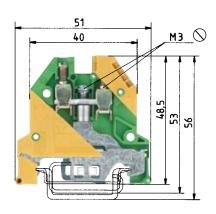
16 mm 17 mm

14 mm

Std. Pack Std. Pack Part No. Std. Pack Type Part No. Type Part No. Type WKN 16 ETK/U 57.516.8155.0 50 WAK 16/2 BLAU 30.494.3021.6 100 WAK 35/2 BLAU 30.494.4021.6 100 WAK 35/2 30.494.4121.0 50 35 x 27 x 7,5 EN 60715 98.300.0000.0 1 35 x 27 x 7,5 EN 60715 98.300.0000.0 35 x 27 x 7,5 EN 60715 98.300.0000.0 35 x 24 x 15 EN 60715 98.360.0000.0 1 35 x 24 x 15 EN 60715 98.360.0000.0 1 35 x 24 x 15 EN 60715 98.360.0000.0 9006 EN 60715 G-32 98.190.0000.0 1 9006 EN 60715 G-32 98.190.0000.0 1 9006 EN 60715 G-32 98.190.0000.0 1 WE 1/U Z5.523.5753.0 100 WE 1/U Z5.523.5753.0 100 WE 1/U Z5.523.5753.0 100 9708/2 S35 100 9708/2 S35 100 100 Z5.522.8553.0 Z5.522.8553.0 9708/2 S35 Z5.522.8553.0 WEF 1/35 Z5.523.9353.0 100 WEF 1/35 Z5.523.9353.0 100 WEF 1/35 Z5.523.9353.0 100 10 APN 16 ETK APN 16 ETK APN 16 ETK 07.312.0855.0 07.312.0855.0 10 07.312.0855.0 AD VB 16 GELB 04.326.2453.8 10 AD VB 16 GELB 04.326.2453.8 10 AD VB 16 GELB 04.326.2453.8 10 9813 M 98.290.0000.0 9813 M 98.290.0000.0 1 9813 M 98.290.0000.0 9813 M SN 98 290 1000 0 9813 M SN 98.290.1000.0 9813 M SN 98.290.1000.0 1 30.494.3021.6 WAK 16/2 BLAU 30.494.3021.6 100 WAK 16/2 BLAU 100 WAK 16/2 BLAU 30.494.3021.6 100 WAK 35/2 BLAU 30.494.4021.6 100 WAK 35/2 BLAU 30.494.4021.6 100 WAK 35/2 BLAU 100 30.494.4021.6 WAK 35/2 30.494.4121.0 50 WAK 35/2 30.494.4121.0 50 WAK 35/2 30.494.4121.0 50 WKIF SH/E/35 Z1.108.8953.0 100 WKIF SH/E/35 Z1.108.8953.0 100 WKIF SH/E/35 Z1.108.8953.0 100

# Ground blocks with screw connection **SCOS**





9mm

Enclosed design

0344 🐼 II 2GD IM2 Ex e I/II EN 60 947-7-1:2002 UL ratings

Field/factory wiring

CSA ratings KEMA 02 ATEX 2114 U $^{\circ}$  EN 60079-0/EN 60079-7 Width Wire strip length

Approvals

WK 2,5 SL/35

fine-stranded solid V 0.5-2.5 mm² 0,5-4 mm² 500 V/6 kV/3<sup>4)</sup> No. 22-12 AWG No. 24-12 AWG

5mm **∕\$€\ \$1@**  WK 4 SL/U

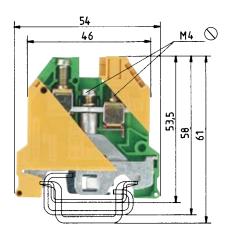
A fine-stranded solid V 0.5-4 mm<sup>2</sup> 0.5-6 mm<sup>2</sup> 800 V/8 kV/3<sup>4</sup>) No. 22-10 AWG

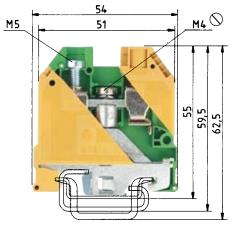
No. 20-10 AWG

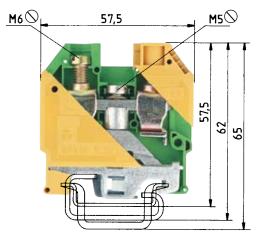
0.5-4 mm<sup>2</sup> 0.5-6 mm<sup>2</sup>

9mm 6mm @LEPM<u>&</u> @ ATEX # LR **% % %** AEx @ @ Ex

Type Part No. Std. Pack Туре Part No. Std. Pack **Ground block** 56.503.9055.0 WK 4 SL/U 57.504.9055.0 green/yellow WK 2.5 SL/35 100 100 Accessories 1. Mounting rail TS 35, DIN rail 7.5 mm high L = 2 m35 x 27 x 7,5 EN 60715 98.300.0000.0 35 x 27 x 7,5 EN 60715 98.300.0000.0 Mounting rail TS 35, DIN rail, 15 mm high L=2 m35 x 24 x 15 EN 60715 98.360.0000.0 1 35 x 24 x 15 EN 60715 98.360.0000.0 Mounting rail TS 32, G rail<sup>2)</sup> L=2m9006 EN 60715 G-32 98.190.0000.0 1 2. End clamp with U-foot2) 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 07.311.7155.0 AP 2,5-4 SL green 4. Partition gray green 2 pole 5. Cross connector with screws 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 Please note the mounting instructions on the cover page.
 Do not use in Ex environments.
 For the current carrying capability of the mounting rail see AT catalog section *facts* & DATA.
 Ratings to adjacent feed-through blocks of the same series and size. For more accessories see pages 60-77 For marking systems see pages 70-75







Enclosed design

Enclosed design

Enclosed design

#### WK 6 SL/U

fine-stranded solid V
0.5-6 mm² 0.5-0 mm² 800 V/8 kV/3<sup>4)</sup>
No. 22-8 AWG
No. 20-8 AWG
0.5-6 mm² 0.5-10 mm²

8 mm @ EPM <u>sex</u> (NV) ATEX LR **\$\] \$\]** AEx (1) (1) Ex

#### WKN 10 SL/U

A fine-stranded solid/stranded V
2.5-10 mm<sup>2</sup> 1.5-16 mm<sup>2</sup> 800 V/8 kV/3<sup>4</sup>)
No. 16-6 AWG
No. 16-6 AWG
2.5-10 mm<sup>2</sup> 1.5-16 mm<sup>2</sup>
12 mm 10 mm

@LEPM SEEN (NV) ATEX LR \$\ \mathbf{N} \mathbf{N} \alpha \alpha \alpha \text{ (f) (f) ex

#### WKN 16 SL/U

A fine-stranded solid/stranded V A

3) 4-16 mm<sup>2</sup> 1.5-25 mm<sup>2</sup> 800 V/8 kV/3<sup>4)</sup> 3)

No. 12-4 AWG

No. 14-4 AWG

4-16 mm<sup>2</sup> 1.5-25 mm<sup>2</sup>

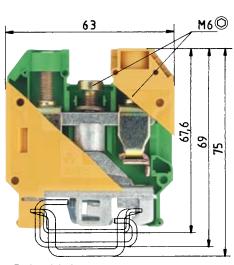
13 mm 12 mm 15 mm

@LEPM\_SEV\_(NV) ATEX LR **%1 %1** AEx @ @ Ex

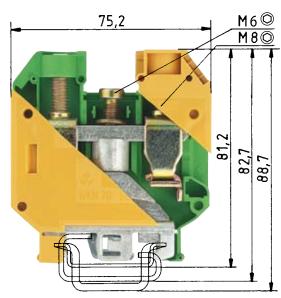
Type	Part No.	Std. Pack	Туре	Part No.	Std. Pack	Туре	Part No.	Std. Pack
WK 6 SL/U	57.506.9055.0	100	WKN 10 SL/U	57.510.9055.0	50	WKN 16 SL/U	57.516.9055.0	50
35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100

### **Ground blocks** with screw connection

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







Enclosed design

0344 🐼 II 2GD IM2 Ex e I/II EN 60947-7-1:2002

UL ratings Field/factory wiring CSA ratings

KEMA 02 ATEX 2114 U<sup>1)</sup> EN 60 079-0/EN 60 079-7 Width Wire strip length

Approvals

#### **WKN 35 SL/U**

fine-stranded stranded 10-35 mm<sup>2</sup> 10-50 mm<sup>2</sup> 800 V/8 kV/3<sup>4)</sup> No. 10-2 AWG

No. 10-2 AWG

10-35 mm<sup>2</sup> 10-50 mm<sup>2</sup>

16 mm

(EL) EPM SEV (IV) ATEX LR SU SUAFY (R. C.).

#### WKN 70 SL/U

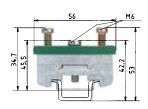
fine-stranded stranded 10-70 mm<sup>2</sup> 16-95 mm² 800 V/8 kV/34) No. 6-2/0 AWG No. 6-2/0 AWG 10-70 mm<sup>2</sup> 16-95 mm<sup>2</sup>

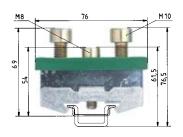
20 mm 24 mm SEV ATEX LR SAL GO GO ...

pprovals		GL EPM SEV (NV) ATEX	LR <b>91 91</b> AEx @ @ E	x	ATEX LR <b>AL</b> (B) (B)	Ex	
		Туре	Part No.	Std. Pack	Туре	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							
Mounting rail TS 35, DIN rail, 15 mm		35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715 CU		10
Mounting rail TS 32, G rail <sup>2)</sup>	L=2 m	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32 E-CU	98.220.0000.0	10
2. End clamp with U-foot <sup>2)</sup>	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	8mm wide	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
End clamp TS 35, without screw	8mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	gray						
	green						
4. Partition	gray						
	green						
5. Cross connector with screws	2 pole						
insulated	3 pole						
	up to 12 pole						
6. Partition plate with marking facility							
7. Single cover with marking facility							
8. Cover with warning symbol over 4 b	olocks						
For more accessories see pages 60-77		Please note the mour     For the current carry	nting instructions on t	he cover page.	l <sup>2)</sup> Do not use in Ex environi talog section <b>facts</b> & DATA.	ments.	
For marking systems see pages 70-75		4) Ratings to adjacent fe	eed-through blocks o	f the same series and s	ialog section <b>racts</b> & DATA. ize.		











#### 9700 A/35 E S 35

 $\begin{array}{cc} \text{fine-stranded} & \text{stranded} \\ 35\,\text{mm}^2 & 50\,\text{mm}^2 \end{array}$ 

V

#### 9700 A/70 E S 35

A fine-stranded stranded 70 mm<sup>2</sup> 120 mm<sup>2</sup> No. 6-2/0 AWG No. 6-2/0 AWG Supply set

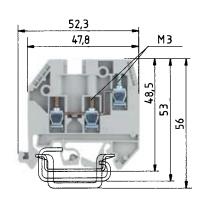
A 3)

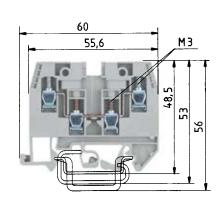
**₹** 

#### **91/8**

<b>3</b>								
Туре	Part No.	Std. Pack	Туре	Part No.	Std. Pack	Туре	Part No.	Std. Pack
9700 A/35 E S 35	Z2.302.0621.0	25	9700 A/70 E S 35	Z2.302.0421.0	10			
						WKN 70 3D/N/SL/U	57.570.9855.0	1
						WKN 70 3D/2N/SL/U	57.570.9955.0	1
						WKN 150/70 3D/N/SL/U	57.597.9855.0	1
						WKN 150/3D/N/U	57.597.9955.0	1
35 x 27 x 7,5 EN 60715	98.300.0000.0	1						
35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715 CU	98.380.0000.0	10			
WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100

# Duo feed-through blocks with screw connection





#### WK 4/D 1/2/U fine-stranded solid

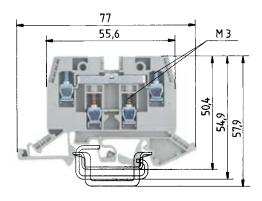
#### WK 4/D 2/2/U

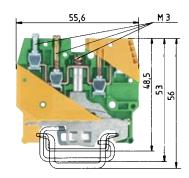
fine-stranded solid

0344 🐼 II 2GD IM2 Ex e I/II EN 60947-7-1:2002 UL ratings Field/factory wiring CSA ratings KEMA 02 ATEX 2114 U<sup>1)</sup> EN 60 079-0/EN 60 079-7 Width Wire strip length Approvals

 $0.5 - 4 \, mm^2$ 0.5-6 mm<sup>2</sup> 800 V7)/6 kV/3 32  $0.5 - 4 \, mm^2$  $0.5 - 6 \, mm^2$ 800 V7)/6 kV/3 32 No. 22-10 AWG 600 V 30 No. 22-10 AWG 600 V 30 No. 20-10 AWG 600 V 30 No. 20-10 AWG 600 V 30 0.5-4 mm<sup>2</sup> 0.5-6 mm<sup>2</sup> 690 V 30/30<sup>2)</sup> 0.5-4 mm<sup>2</sup> 690 V 29/302) 0.5-6 mm<sup>2</sup> 6mm 9mm 6mm 9mm (BL) SEV (NV) ATEX LR 91 91 AEX (B (BEX (IL) SEV (NV) ATEX LR 71 71 AEX (IT (IE) EX

Approvals	GL) <u>sev</u> (NV) ATEX LR <b>9</b>	LI 7LI AEX & CE EX		(GL) <u>/sev</u> (NV) ATEX LR <b>Y</b>	LI 7LI AEX & CE EX	
	Туре	Part No.	Std. Pack	Туре	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 $L=2 \text{ m}$	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 $L=2 \text{ m}$	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=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* 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						
blue						
5. Cross connector with screws 2 pole	IVB WK 4 D2	Z7.281.7227.0	10	IVB WK 4 D2	Z7.281.7227.0	10
insulated 3 pole	IVB WK 4 D3	Z7.281.7327.0	10	IVB WK 4 D3	Z7.281.7327.0	10
up to 12 pole	IVB WK 4 D12	Z7.281.8227.0	10	IVB WK 4 D12	Z7.281.8227.0	10
Jumper comb for lower tier blocks 2 pole	IVK WK 4/D2	Z7.256.2227.0	10	IVK WK 4/D2	Z7.256.2227.0	10
insulated 3 pole	IVK WK 4/D3	Z7.256.2327.0	10	IVK WK 4/D3	Z7.256.2327.0	10
up to 12 pole	IVK WK 4/D12	Z7.256.3227.0	10	IVK WK4/D12	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 60-77	Please note the mour     For the current carryi			<sup>2)</sup> With/without jumper catalog section <b>facts</b> & DAT		y environments
For marking systems see pages 70-75	4) Ratings to adjacent fe				Do not use III E.	. C.IVII OTITITOTICO.





Enclosed design

#### WK 4/D EU

fine-stranded solid 0.5-4 mm<sup>2</sup> 0.5-6 mm<sup>2</sup> 320 V/4 kV/3<sup>5)</sup> 32

No. 22-10 AWG 300 V<sup>6)</sup> 30 No. 20-12 AWG 300 VC/600 V D, E<sup>6)</sup> 30 No. 20-12 AWG  $0.5 - 4\,\text{mm}^2 \qquad 0.5 - 6\,\text{mm}^2 \qquad 275\,\text{V}^{6)} \quad 22/22^{2)} \quad 0.5 - 4\,\text{mm}^2 \qquad 0.5 - 6\,\text{mm}^2$ 6mm (IL) SEV (NV) ATEX LR SU SU AEX (II SU SU AEX

#### WK 4/D 2/2 SL U

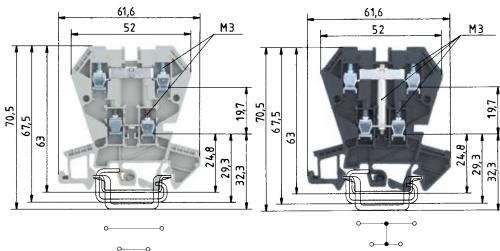
fine-stranded solid Α  $0.5 - 4 \, mm^2$ 0.5-6 mm<sup>2</sup> No. 22-10 AWG 9mm 6mm  $9\,mm$ (IL) SEV (NV) ATEX LR \$\mathbf{N} \mathbf{N} \mathbf{N} \alpha \alpha \alpha \mathbf{O} \mathbf{O} \alpha \alpha \alpha \alpha \mathbf{O} \mathbf{O} \alpha \alpha \alpha \alpha \alpha \mathbf{O} \mathbf{O} \alpha \alpha \alpha \alpha \mathbf{O} \mathbf{O} \alpha \alpha \alpha \alpha \alpha \mathbf{O} \mathbf{O} \alpha \alp

Type	Part No.	Std. Pack	Туре	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 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	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/D2	Z7.256.2227.0	10			
IVK WK 4/D3	Z7.256.2327.0	10			
IVK WK 4/D12	Z7.256.3227.0	10			
TS 4/15 GELB	07.311.2953.8	10			
AD VB 4 GELB	04.326.2153.8	10			

23

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

## Multi-tier blocks with screw connection **SCOS**



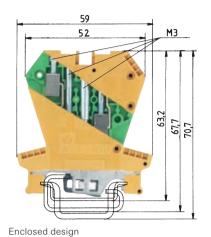
0344 ♠ II 2GD IM2
Ex e I/II
EN 60947-7-1:2002
EN 60947-7-2:2002
UL ratings Field/factory wiring
CSA ratings
KEMA 02 ATEX 2114 U¹¹ EN 60079-0/EN 60079-7
Width Wire strip length
Approvals

**WK 4 E/U** WK 4 E/U /VB V ٧ fine-stranded solid A fine-stranded solid  $0.5 - 4 \, mm^2$  $0.5 - 4 \, mm^2$  $400 \, V/6 \, kV/3^{3)}$ 32 0.5-4 mm<sup>2</sup>  $0.5 - 4 \, mm^2$ 400 V/6 kV/3 32 No. 22-10 AWG 300 V 20 No. 22-10 AWG 300V 20 No. 20-12 AWG 300 V 10 No. 20-12 AWG 300V 10  $0.5-4\,\text{mm}^2$   $0.5-4\,\text{mm}^2$ 275 V  $24/24^{2)}$  0.5 - 4 mm<sup>2</sup> 0.5 - 4 mm<sup>2</sup> 275 V 24 6mm 9mm 6mm 9mm (BL) SEV (NV) ATEX (EE IR **91)** (1) (1) Ex (i) A H (ii) (ii) (ii) (iii) (

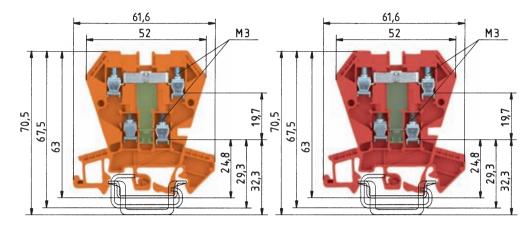
pprovais								
		Туре	Part No.	Std. Pack	Туре	Part No.	Std. Pack	
Multi-tier block	gray	WK 4 E/U	57.404.7055.0	100				
Multi-tier block, vert. connected	black				WK 4 E/U/VB SCHWARZ	57.404.6955.1	100	
Multi-tier ground block	green/yellow							
Function block	red							
Function block	orange							
Accessories								
Mounting rail TS 35, DIN rail 7.5 mm	n 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, 15 mm		35 x 24 x 15 EN 60715	98.360.0000.0	<u>·</u> 1	35 x 24 x 15 EN 60715	98.360.0000.0	<u>·</u> 1	
Mounting rail TS 32, G rail*	L=2m	9006 EN 60715 G-32	98.190.0000.0	<u>·</u> 1	9006 EN 60715 G-32	98.190.0000.0	<u>·</u> 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	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	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	
	blue							
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 b	olocks							
For more accessories see pages 60-77		<ul> <li>Please note the mour</li> <li>With end plates 500</li> <li>Ratings to adjacent fe</li> </ul>	V/6 kV/3		With/without jumper * Do not use in Ex environ and size	iments.		
For marking systems see pages 70-75		5) For the current carryi	ing capability of the m	ounting rail see A	AT catalog section <b>facts</b> & DATA	٨.		

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 $500 \, V/6 \, kV/3^{4)}$ 



#### WK 4 E SL/U

fine-stranded solid

0.5-4 mm<sup>2</sup> 0.5-6 mm<sup>2</sup>

No. 22-12 AWG

No. 22-10 AWG

0.5-4 mm<sup>2</sup> 0.5-6 mm<sup>2</sup>

6,2 mm

#### WK 4 E/U...

fine-stranded solid  $0.5 - 4 \, \text{mm}^2$  $0.5 - 4 \, mm^2$ 

No. 22-10 AWG

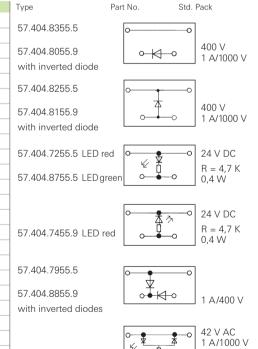
No. 20-12 AWG

9mm 6mm 9mm

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

#### **Examples of functions**

ATEX <b>91 (1)</b> Ex			©L <u>sev</u> (NV ∰ LR <b>N</b>	T. C.		
Туре	Part No.	Std. Pack	Туре	Part No.	Std. Pack	Туре
						57.404.8355.5
WK 4 E SL/U	57.504.9255.0	100	WK 4 E/U	57.404.XX55.9	100	57.404.8055.9
			WK 4 E/U	57.404.XX55.5	100	with inverted of
						57.404.8255.5
						57.404.8155.9
			35 x 27 x 7,5 EN 60715	98.300.0000.0	1	with inverted of
35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1	
35 x 24 x 15 EN 60715	98.360.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1	57.404.7255.5
9006 EN 60715 G-32	98.190.0000.0	1	WE 1/U	Z5.523.5753.0	100	57.404.8755.5
WE 1/U	Z5.523.5753.0	100	9708/2 S 35	Z5.522.8553.0	100	07.101.0700.0
9708/2 S 35	Z5.522.8553.0	100	WEF 1/35	Z5.523.9353.0	100	
9708	Z5.522.7053.0	100	AP 4 E	07.311.4055.0	10	
						57.404.7455.9
			TW 4 E	07.311.5055.0	10	
						57.404.7955.5
						57.404.8855.9
						with inverted of
			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	57.404.8455.5
			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				
						57.404.6255.9

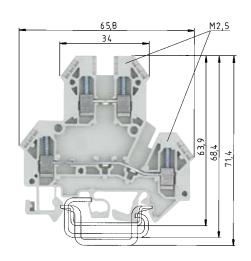


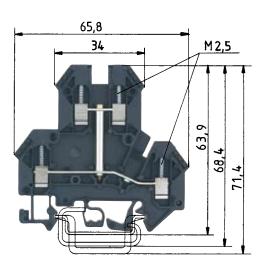
R = 6,8 K 0,6 W

24 V DC 1 A R = 4.7 K

0,4 W

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





#### WKN 2,5 E/U fine-stranded solid

No. 22-12 AWG

No. 24-12 AWG

0.5-2.5 mm<sup>2</sup> 0.5-4 mm<sup>2</sup>

EN 60947-7-1/DIN VDE 0611 T1 Field/factory wiring **UL** ratings

CSA ratings Width Wire strip length

Approvals

 $5\,mm$ 

Type

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

A fine-stranded solid 24 0.5-2.5 mm<sup>2</sup> 0.5-4 mm<sup>2</sup> 500 V/6 kV/3 24 20/25 No. 22-12 AWG 600 V 25 No. 24-12 AWG 600 V 8mm 5mm

Type

20/25 25 8mm

Std. Pack

**№ 72** 

Part No.

V

500 V/6 kV/3

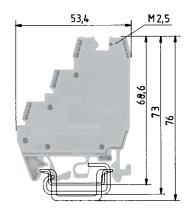
600V

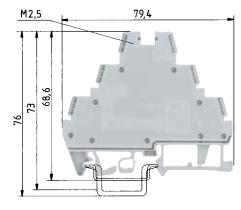
600 V

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 7.5 mm high L	$=2 \mathrm{m}$	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	$=2 \mathrm{m}$	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	$=2 \mathrm{m}$	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	n 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	n 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	n 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
	blue						
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 1	2 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 1	2 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 60-77							
For marking systems see pages 70-75							

## **Initiator blocks** with screw connection





WK 2,5 - 4 KI/U-NGN







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

EN 60947-7-1/DIN VDE 0611 T1 Field/factory wiring

Width Wire strip length Approvals

UL ratings CSA ratings fine-stranded solid V 0.5-2.5 mm<sup>2</sup> 0.5-4 mm<sup>2</sup> 250 V/4 kV/3\*

No. 22-12 AWG 300 V\* No. 22-12 AWG 300 V\*

6mm EPM SEV 91 (F)

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

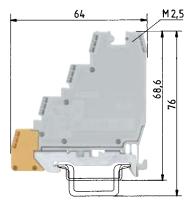
A fine-stranded solid 24 0.5-2.5 mm<sup>2</sup> 0.5-4 mm<sup>2</sup> 25 No. 22-12 AWG

25 No. 22-12 AWG

7mm 6mm

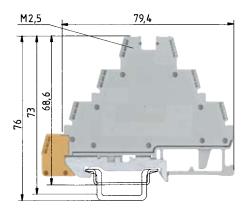
V 400 V/6 kV/3\* 24 300V\* 25 300V\* 25  $7\,\text{mm}$ 

,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
		Туре	Part No.	Std. Pack	Туре	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 pl	us 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 m	inus 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 minu	us gray						
Accessories							
1. Mounting rail TS 35, DIN rail 7.5 mm	$high \qquad L=2m$	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, 15 mm	high $L=2m$	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
Mounting rail TS 32, G rail	L = 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	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	8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	gray	TW 2,5 - 4 K/U	07.312.0555.0	10	TW 2,5 - 3 D/U	07.312.1255.0	50
	blue						
4. Cross connector with screws	2 pole				IVB WK/3D-02	Z7.270.0227.0	10
insulated	3 pole				IVB WK/3D-03	Z7.270.0327.0	10
	up to 12 pole				IVB WK/3D-12	Z7.270.1227.0	10
5. Jumper comb, elbowed	2 pole	IVB WK 2,5-K-2 ROT	Z7.267.0227.5	10	IVB WK 2,5-K-2 ROT	Z7.267.0227.5	10
insulated (red) for lower level	3 pole	IVB WK 2,5-K-3 ROT	Z7.267.0327.5	10	IVB WK 2,5-K-3 ROT	Z7.267.0327.5	10
	up to 12 pole	IVB WK 2,5-K-12 ROT	Z7.267.1227.5	10	IVB WK 2,5-K-12 ROT	Z7.267.1227.5	10
Jumper comb, elbowed	2 pole	IVB WK 2,5-K-2 BLAU	Z7.267.0227.6	10	IVB WK 2,5-K-2 BLAU	Z7.267.0227.6	10
insulated (blue) for lower level	3 pole	IVB WK 2,5-K-3 BLAU	Z7.267.0327.6	10	IVB WK 2,5-K-3 BLAU	Z7.267.0327.6	10
	up to 12 pole	IVB WK 2,5-K-12 BLAU	Z7.267.1227.6	10	IVB WK 2,5-K-12 BLAU	Z7.267.1227.6	10
	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 60-77			nectors (jumper com	ıbs), requires partitic	ons in order to maintain the a	ir and creepage dista	inces.
For marking systems see pages 70-75		* 24 V- with LED					













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

V 250 V/4 kV/3\* 300 V\* 300 V\*

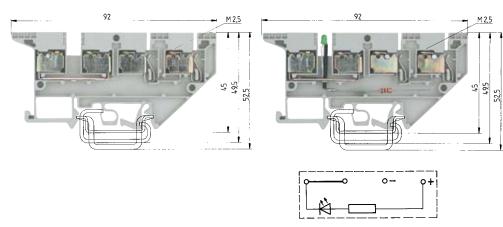
#### WK 2,5-3 D/SL

A fine-stranded solid
24 0.5-2.5mm² 0.5-4mm²
25 No. 22-12 AWG
25 No. 22-12 AWG
7mm 6mm

V A
400V/6kV/3\* 24
300V\* 25
300V\* 25
7 mm

EPM SEV MU			SEV YU (P		
Туре	Part No.	Std. Pack	Туре	Part No.	Std. Pack
WK 2,5 - 4 KI SL	56.503.7355.0	100			
			WK 2,5 - 3 D SL	56.503.8355.0	50
WK 2,5 - 4 KI SL-NGN	56.503.7455.0	100	WK 2,5 - 3 D SL-NGN	56.503.8455.0	50
WK 2,5 - 4 KI SL-PGN	56.503.7555.0	100	WK 2,5 - 3 D SL-PGN	56.503.8555.0	50
WK 2,5 - 4 KI SL-PRT	56.503.7655.0	100			
35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
WE 1/U	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



V

400 V/6 kV/3

300 V

300 V

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

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

### fine-stranded solid

#### $0.5 - 2.5 \, mm^2$ $0.5 - 4 \, mm^2$ No. 22-12 AWG No. 22-12 AWG

5mm

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

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

24 DC 16\* 20/30 24 V 24 V 25 10 mm

Wire strip length

Field/factory wiring

SEV	<i>S</i> U	(
7 001		

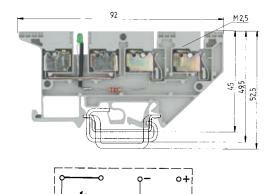
approvals		SEV PL®			<b>∑</b> SEV <b>. ₹1 (9</b>		
Initiator block	gray	Type WK 2,5-4 KOI/U	Part No. 57.503.7055.0	Std. Pack 50	Туре	Part No.	Std. Pack
with LED (green) between signal and plus	gray	VVK 2,3-4 KUI/U	37.303.7033.0	50	WK 2,5-4 KOI/U-NGN	57.503.7155.0	50
with LED (green) between signal and minus	gray				VVIX 2,5 4 KOI/ O IVGIV	07.000.7100.0	
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, 15mm high	L=2m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
Mounting rail TS 32, G rail	L=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 m	nm wide	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
End clamp TS 35, with screw 8 m	nm 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 m	nm 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
	blue						
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 t	o 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 blo	cks	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 60-77							
For marking systems see pages 70-75		* Feed-through 16 A					

EN 60947-7-1/DIN VDE 0611 T1

UL ratings

Width

CSA ratings



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 24V 20/30 No. 22-12 AWG 24V 25 5 mm 10 mm

#### <u>√sev</u> **₹1**€

	5	0.15.1
Type	Part No.	Std. Pack
WK 2,5-4 KOI/U-PGN	57.503.7255.0	50
35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 24 x 15 EN 60715	98.360.0000.0	1
9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	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 K0	07.310.9455.0	50
VB WK 2,5 KO-2	07.257.0227.0	100
VD WIX 3 E KO 3	07.257.0327.0	100
VB WK 2,5 KO-3		
VB WK 2,5 KU-3 VB WK 2,5 KO-20	07.257.2027.0	50
·	07.257.2027.0 07.311.2053.8	50 10
VB WK 2,5 KO-20		
VB WK 2,5 KO-20 TS 2,5 GELB	07.311.2053.8	10
VB WK 2,5 KO-20 TS 2,5 GELB AD VB 2,5 GELB	07.311.2053.8 04.326.2053.8	10

31

## **Fuse blocks** with screw connection

When selecting G fuse inserts, make sure that the specified maximum power loss is not exceeded.<sup>1)</sup> The current is determined by the inserted fuse.<sup>1)</sup> The voltage range is determined by the built-in LED display.<sup>2)</sup> Depending on the application and the installation method, the possibility of increased temperature must be checked in the elected fuse belders.

possibility of increased temperature must be created 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 (24V):

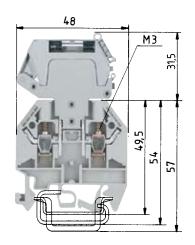
Lamp color: red Power consumption: 10.3 mA

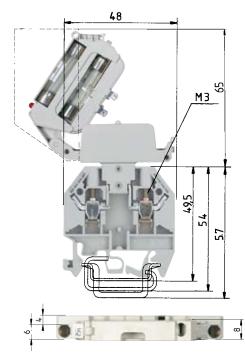
Indicator (220V):

Lamp color: red Power consumption: 0.3 mA

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

Туре	Rated Voltage Overload protection			Exclusiv circuit pr	
		Single Group arrangement		Single arrangement	Group arrangement
THSI 5 x 20 THSI 6.3 x 32	250 V 500 V	1.6W 2.5W	1.6W 1.6W	4.0 W 4.0 W	2.5W 4.0W





EN 60947-7-1/DIN VDE 0611 Teil 1 EN 60 127-6/DIN VDE 0820 T6

Field/factory wiring **UL** ratings

CSA ratings

Width Wire strip length

Approvals

#### WK 4 TKG... with THSi 5x20

fine-stranded solid 0.5-4 mm<sup>2</sup> 0.5 - 6 mm<sup>2</sup> 800 V / 8 k V / 3<sup>2)</sup> No. 22-10 AWG  $300\,V^{2)}$ 250 V<sup>2)</sup>

Part No.

Std. Pack

No. 20-10 AWG

6mm <u>∕\$€V</u> **₹1 (!** 

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

Type

A fine-stranded solid 1) 0.5 - 4 mm<sup>2</sup> 0.5 - 6 mm<sup>2</sup> 800 V / 8 k V / 3<sup>2)</sup> 1) 101) 10<sup>1)</sup> No. 22-10 AWG  $300\,V^{2)}$ 6.3<sup>1)</sup> No. 20-10 AWG 250 V<sup>2)</sup> 6.31) 9mm 6mm 9mm

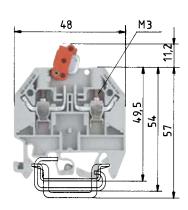
Part No.

Std. Pack

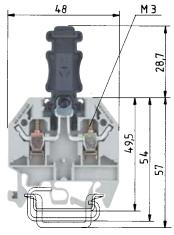
		Type
Disconnect base block	gray	WK 4 T
Fuse disconnect lever	gray	THSI 5
Fuse disconnect lever with LED 12 - 24 V <sup>2)</sup>	gray	THSI 5
Fuse disconnect lever with LED 24 - 60 V <sup>2)</sup>	gray	THSI 5
Fuse disconnect lever with GL 110 - 250 V <sup>2)</sup>	gray	THSI 5
Knife edge disconnect block	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 hig	h I=2m	35 x 27
Mounting rail TS 35, DIN rail, 15 mm hig		35 x 24
Mounting rail TS 32, G rail	L=2 m	9006 E
2. End clamp with U-foot	10 mm wide	WE 1/l
End clamp TS 35, with screw	8mm wide	9708/2

		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 <sup>2)</sup>	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 <sup>2)</sup>	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 <sup>2)</sup>	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	h 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, 15 mm hig	h L=2m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
Mounting rail TS 32, G rail	L=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	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 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
	blue						
5. Jumper comb	2 pole	IVB 1 WK 42	Z7.255.4227.0	10	IVB 1 WK 42	Z7.255.4227.0	10
insulated	3 pole	IVB 1 WK 43	Z7.255.4327.0	10	IVB 1 WK 43	Z7.255.4327.0	10
Į.	up to 6 pole	IVB 1 WK 46	Z7.255.4627.0	10	IVB 1 WK 46	Z7.255.4627.0	10
For more accessories see pages 60-77							
For marking systems see pages 70-75							





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.



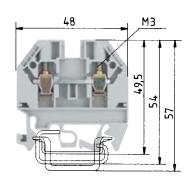
The isolating connector is detachable and can be fitted as a dummy plug. This signals the open state. Designs with different numbers of test sockets permit reliable measurements using the test plug.

V

800V/8kV/3\*

300 V

600 V\*



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

#### WK 4/TKM

#### V fine-stranded solid $0.5 - 4 \, mm^2$ $0.5 - 6 \, mm^2$ 800V/8kV/3\* No. 22-10 AWG 600 V No. 22-10 AWG 600 V\*

 $6\,\text{mm}$ SEV **71** @

WK 4 TKG-TRST/U fine-stranded solid 0.5-4 mm<sup>2</sup> 0.5-6 mm<sup>2</sup>

20 20 No. 22-10 AWG 20 No. 22-10 AWG 6mm

9mm **10 LR** / 122

#### WK 4 TKS D/U

V fine-stranded solid 20 0.5 - 4 mm<sup>2</sup> 0.5 - 6 mm<sup>2</sup> 800V/8kV/3 32 25 3001/ 10 No. 22-10 AWG 20 No. 20-10 AWG 9mm 6mm

**19 LP** /\se\

300 V	20
600V	20
	9mm

SEV 71 QU			SEV 71 @			ZSEV 711 CU		
ype	Part No.	Std. Pack	Туре	Part No.	Std. Pack	Туре	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						
			WK 4 TKG-TRST/U	57.504.4555.0	100			
			WK 4 TKG-TRST P3/U	57.504.4855.0	100			
						WK 4 TKS D/U	57.504.4455.0	100
05 v 27 v 7 5 FN 60745	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 27 x 7,5 EN 60715		1	·		1			1
35 x 24 x 15 EN 60715 9006 EN 60715 G-32	98.360.0000.0	1 1	35 x 24 x 15 EN 60715	98.360.0000.0	! 1	35 x 24 x 15 EN 60715	98.360.0000.0	1
	98.190.0000.0		9006 EN 60715 G-32	98.190.0000.0	•	9006 EN 60715 G-32	98.190.0000.0	•
WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5653.0	100
9708/2 S 35	Z5.522.8553.0	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	WEF 1/35	Z5.523.9353.0	100
AP 4 TK	07.311.6155.0	10	AP 4 TK	07.311.6155.0	10	AP 4 TK	07.311.6155.0	10
AP 4 TK BLAU	07.311.6155.6	10	THEATE	07.044.0455.0	10	TAY 4 TV	07.044.0455.0	4.0
TW 4 TK	07.311.8155.0	10	TW 4 TK	07.311.8155.0	10	TW 4 TK	07.311.8155.0	10
TW 4 TK BLAU	07.311.8155.6	10	IVD 1 W/V 4 2	77.055.4007.0	10	IVD 1 M/V 4 2	77.055.4007.0	10
IVB 1 WK 42	Z7.255.4227.0	10	IVB 1 WK 42	Z7.255.4227.0	10	IVB 1 WK 42	Z7.255.4227.0	10
IVB 1 WK 43	Z7.255.4327.0	10	IVB 1 WK 43	Z7.255.4327.0	10	IVB 1 WK 43	Z7.255.4327.0	10
IVB 1 WK 46	Z7.255.4627.0	10	IVB 1 WK 46	Z7.255.4627.0	10	IVB 1 WK 46	Z7.255.4627.0	10
* * * * * * * * * * * * * * * * * * * *	1. 004 0001/			h. 004 0001/				
<ul> <li>Version with test be EN 60 947-7-1/DIN VI</li> </ul>		kV/3	* Version with test be EN 60 947-7-1/DIN V		kV/3			
Test bolt can be loade			Test bolt can be loade					

## **Fuse blocks** with screw connection

When selecting G fuse inserts, make sure that the specified maximum power loss is not exceeded.<sup>1)</sup> The current is determined by the inserted fuse.<sup>1)</sup> The voltage range is determined by the built-in LED display.<sup>2)</sup> Depending on the application and the installation method, the possibility of increased temperature must be checked in the elected fuse belders.

possibility of increased temperature must be crocked 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.

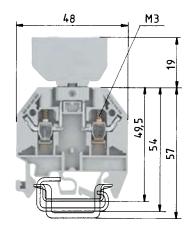
Indicator (24V):

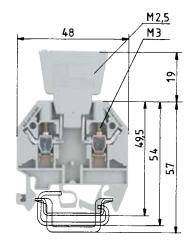
Lamp color: red Power consumption: 10,3 mA

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

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

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





EN 60127-6/DIN VDE 0820 T6 Field/factory wiring

Approvals

WK 4 TKG... SIST

fine-stranded solid V 0.5-4 mm<sup>2</sup> 0.5-6 mm<sup>2</sup> 800 V / 8 k V / 3<sup>2)</sup> 300 V

250 V

No. 22-10 AWG No. 20-10 AWG

6mm

WK 4 TKG... DIST A fine-stranded solid

1) 0.5-4 mm<sup>2</sup> 0.5-6 mm<sup>2</sup> 10 No. 22-10 AWG

6.3 No. 20-10 AWG 9mm 6mm

300 V 250 V 6,3 9mm

10

V

800 V/8 kV/3

**UL** ratings CSA ratings

EN 60947-7-1/DIN VDE 0611 Teil 1

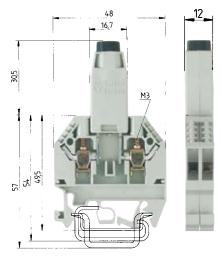
Width Wire strip length

<u>∕sev</u> **₹1**€

			Туре	Part No.	Std. Pack	Туре	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 conta	cts	gray				DIST	Z1.299.3055.0	10
Diode plug - diode	I <sub>max</sub> = 1A	gray				DIST-1 N 4007-13)	Z1.299.3155.0	10
Diode plug - diode	I <sub>max</sub> = 1A	gray				DIST-1 N 4007-24)	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 lo		mponent used.
with G-screw cap B DIN 410	674, 5 x 25 mm					Temporary peak voltag	je 1000 V. Inode Cathod	e <sup>3)</sup>
with G-screw cap A DIN 41	674, 5 x 20 mm						athode Anode <sup>4</sup>	
Accessories								
1. Mounting rail TS 35, DIN			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	, ,	L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	·	35 x 24 x 15 EN 60715	98.360.0000.0	1
Mounting rail TS 32, G rai		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 sc	rew 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
		blue						
5. Jumper comb		2 pole	IVB 1 WK 42	Z7.255.4227.0	10	IVB 1 WK 42	Z7.255.4227.0	10
insulated		3 pole	IVB 1 WK 43	Z7.255.4327.0	10	IVB 1 WK 43	Z7.255.4327.0	10
	uŗ	to 6 pole	IVB 1 WK 46	Z7.255.4627.0	10	IVB 1 WK 46	Z7.255.4627.0	10

For more accessories see pages 60-77





#### WK 4/Si-D/U 5 x 25

fine-stranded solid 0.5-4 mm<sup>2</sup> 0.5-6 mm<sup>2</sup> 800V/8kV/3 6,3

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

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 24 x 15 EN 60715	98.360.0000.0	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 42	Z7.255.4227.0	10
IVB 1 WK 43	Z7.255.4327.0	10
IVB 1 WK 46	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  $5\times20,5\times25$  and  $5\times30\,\text{mm}$  (terminal width:  $8\,\text{mm}$ ) or  $6.3\times32\,\text{mm}$  (terminal width:  $10\,\text{mm}$ ). 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.

When selecting G fuse inserts, make sure that the specified maximum power loss is not exceeded. The current is

adtermined by the inserted fuse.

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)

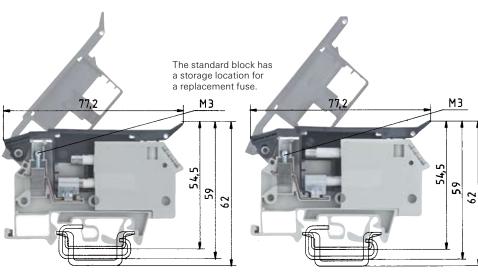
Туре	Rated- voltage	Overload	protection	Exclusive short- circuit protection		
		Single arrangement	Group arrangement	Single arrangement	Group arrangement	
THSI 5x20/25 THSI 6,3x32 THSI 5x30	250 V 500 V 500 V	1.6W 2.5W 1.6W	1.6W 2.5W 1.6W	4.0 W 4.0 W 4.0 W	2.5 W 2.5 W 2.5 W	

EN 60947-7-1, EN 60127-6

**UL** ratings Field/factory wiring CSA ratings

Width Wire strip length

Approvals



for 5mm fine-wire fuses

for 6,3 mm fine-wire fuses

#### WK 4 THSI 5.../U

Type

WEF 1/35

V fine-stranded solid 800 V / 8 k V / 3<sup>2)</sup>  $0.5 - 4 \, \text{mm}^2$ 0.5-6 mm<sup>2</sup>  $6.3^{1)}$ No. 22-10 AWG  $600\,V^{2)}$ 15 No. 22-10 AWG 600 V<sup>2)</sup> 8mm 8mm**№ 71** @

Part No.

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

fine-stranded solid 10<sup>1)</sup>  $0.5 - 4 \, \text{mm}^2$ 0.5-6 mm<sup>2</sup> 800 V/8 kV/3<sup>2)</sup> No. 22-10 AWG 600 V<sup>2)</sup> 15 6.3 No. 22-10 AWG 600 V<sup>2)</sup> 10 10 mm 8mm **№ 71** @

Part No.

Fuse block			gray
- with LED	5-12V~/~	current consumed.	2.3 - 7 mA
- with LED	12-24V~/	current consumed.	2.8 - 6,2 mA
- with LED	24-60 V~,/-	current consumed.	1.5 - 4 mA
- with GL	110-250V~/~	current consumed.	0.13 - 0.55 mA
- with GI	380-500\//=	current consumed	0.2-0.3mA

- with screw cap A DIN 41674 for G-fuses DIN 41571						
Fuse block gra						
- with GL 380-500 V~/- c	current consumed.	0.2 - 0.3 mA				
– with GL 110-250 V~/− c	current consumed.	0.13 - 0.55 mA				
- with LED 24-60 V~,/- c	current consumed.	1.5 - 4 mA				
– with LED 12-24V~/− c	current consumed.	2.8 - 6,2 mA				

### - 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

reeu-tillough block, same unitensions as it	ise block gray
Accessories	
1. Mounting rail TS 35, DIN rail 7.5 mm h	l = 2 m
Mounting rail TS 35, DIN rail, 15 mm h	l = 2 m
Mounting rail TS 32, G rail	L=2 m
2. End clamp with U-foot	10 mm wide
End clamp TS 35, with screw	8 mm wide
End clamp TS 35, without screw	8 mm wide
3. End plate	gray
4. Cross connector with screws	2 pole
	3 pole
	up to 6 pole

5. Transparent block cover (for 1 block)

WK 4/THSi 5 U	57.904.5355.0	50	WK 4/THSi 6,3 U	57.904.6355.0	50
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
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
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
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
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

Type

Std. Pack

#### 35 x 27 x 7,5 EN 60715 98.300.0000.0 35 x 27 x 7,5 EN 60715 98.300.0000.0 35 x 24 x15 EN 60715 98.360.0000.0 35 x 24 x 15 EN 60715 98.360.0000.0 9006 EN 60715 G-32 98.190.0000.0 1 9006 EN 60715 G-32 98.190.0000.0 WE 1/U 100 WE 1/U Z5.523.5753.0 Z5.523.5753.0 9708/2 S 35 100 9708/2 S 35 Z5.522.8553.0 Z5.522.8553.0

WEF 1/35

gray	
gray 2 pole	
3 pole	
6 pole	

100

Z5.523.9353.0

For more accessories see pages 60-77	
For marking systems see pages 70-75	

1

100

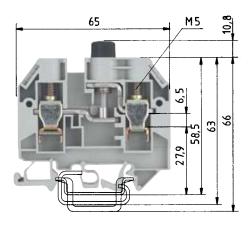
100

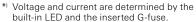
100

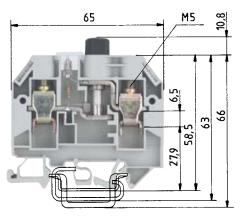
Z5.523.9353.0



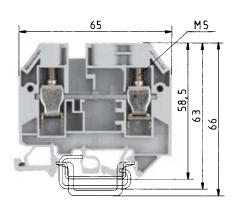
Туре	Overload	protection	Exclusive short- circuit protection		
	Single arrangement	Group arrangement	Single arrangement	Group arrangement	
WK 10 Si U 5x20 WK 10 Si U 6.3x32 WK 10 Si U 5x25 WK 10 Si U 5x30	4.0W/6.3A 4.0W/10A 4.0W/6.3A 4.0W/6.3A	2.5W/6.3A 2.5W/2.5A 2.5W/6.3A 2.5W/6.3A	4.0W/6.3A 4.0W/10A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







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



#### WK 10/SI ... /U

fine-stranded solid/stranded 1.0-10 mm<sup>2</sup> 1.0-16 mm<sup>2</sup> 500 V/6 kV/3\*) No. 22-6 AWG 600 V\*) No. 16-6 AWG 600 V\*) max. 15 No. 16-6 AWG  $12\,mm$ 13 mm <u>∕\$€V</u> (N) LR **7\1 (£)** 

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

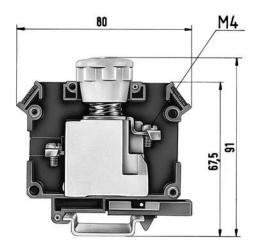
fine-stranded solid/stranded V 10\*) 1.0-10 mm<sup>2</sup> 1.0-16 mm<sup>2</sup> 500 V/6 kV/3\*)max.10\*) 1.0-10 mm<sup>2</sup> 1.0-16 mm<sup>2</sup> 500 V/6 kV/3 15 No. 22-6 AWG 600 V\*) max. 15 No. 16-6 AWG 12 mm SEV (1)

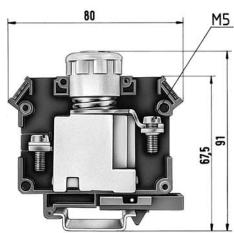
#### **WK 10/SI U D**

A fine-stranded solid/stranded 57 600 V\*) 15 No. 22-6 AWG 600 V 50 600 V 65 13 mm 12 mm 13 mm <u>∕sev</u> LR **₹1.0** 

ZSEV Z (11) EII / M (1)			Z SEV Z CF			ZSEV ZII /A C		
Туре	Part No.	Std. Pack	Туре	Part No.	Std. Pack	Туре	Part No.	Std. Pack
WK 10/Si U 5 x 20	57.910.5055.0	50	WK 10/Si U 5 x 20M, NGL	57.910.5455.0	50			
WK 10/Si U 5 x 25	57.910.5155.0	50	WK 10/Si U 5 x 20M, GLB	57.910.5855.0	50			
WK 10/Si U 5 x 30	57.910.5255.0	50	WK 10/Si U 6,3 x 32M, NO	GL 57.910.5755.0	50			
WK 10/Si U 6,3 x 32	57.910.5355.0	50	WK 10/Si U 6,3 x 32M, GL	B 57.910.6155.0	50			
						WK 10/Si U D	57.910.4955.0	50
35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 24 x 15 EN 60715	98.360.0000.0		35 x 24 x 15 EN 60715	98.360.0000.0		35 x 24 x 15 EN 60715	98.360.0000.0	1
9006 EN 60715 G-32	98.190.0000.0		9006 EN 60715 G-32	98.190.0000.0		9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0		WE 1/U	Z5.523.5753.0		WE 1/U	Z5.523.5753.0	100
9708/2 S 35	Z5.522.8553.0		9708/2 S 35	Z5.522.8553.0		9708/2 S 35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0		WEF 1/35	Z5.523.9353.0		WEF 1/35	Z5.523.9353.0	100
AP 10/Si	07.311.4155.0	10	AP 10/Si	07.311.4155.0		AP 10/Si	07.311.4155.0	10
VB WK 10/Si-2	Z7.287.0227.0	10	VB WK 10/Si-2	Z7.287.0227.0		VB WK 10/Si-2	Z7.287.0227.0	10
VB WK 10/Si-3	Z7.287.0327.0		VB WK 10/Si-3	Z7.287.0327.0		VB WK 10/Si-3	Z7.287.0327.0	10
VB WK 10/Si-6	Z7.287.0627.0		VB WK 10/Si-6	Z7.287.0627.0		VB WK 10/Si-6	Z7.287.0627.0	10
	04.312.2056.0	100		04.312.2056.0	100		04.312.2056.0	100
₭)	VDE CSA	A UL	*	VDE CS/	4 UL			
57.910.5055.0	250 V~ 600		57.910.5455.0	- 250V~ 500				
57.910.5155.0	250 V~ 600		Current consumed 0.16 -	0.8 mA	. 100 4			
57.910.5255.0	500V~ 600			28V~ 28 <sup>v</sup>	V 28V			
57.910.5355.0	500V~ 600		Current consumed 24 m A 57.910.5755.0	Ą				
				- 500 V~ 500 0.8 mA	V 150V			
Screw cap made fr	om thermoset type	e 131 and	<b>57.910.6155.0</b> Indicator yellow	28V~ 28 <sup>v</sup>	√ 28V			
silver-plated brass			Current consumed 24 m					

## Fuse blocks with screw connection **Selos**





9700 B/30 Si E 14/S 35

1.5 - 4 mm<sup>2</sup>

fine-stranded solid

**2 - 16 A 9700 B/30 Si E 18/S 35**A fine-stranded solid/stranded

16\*) 1.5-25 mm<sup>2</sup> 1.5-25 mm<sup>2</sup>

2-63 A

63\*)

DIN VDE 0636 UL ratings CSA ratings Width

Field/factory wiring

tory wiring

Wire strip length

30 mm

1.5-4 mm<sup>2</sup>

10 mm 30 mm

400 V~\*)

12 mm

400 V~\*)

Approvals	piciigiii	<b>(a)</b>		101111	₩		121
		Туре	Part No.	Std. Pack	Туре	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=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, 15 mm high	L=2m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
Mounting rail TS 32, G rail	L=2m						
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	2A-pink		05.595.9200.0	50		05.595.5900.0	50
4,	4-brown		05.595.9300.0	50		05.595.6000.0	50
6	A-green		05.595.9400.0	50		05.595.6100.0	50
	10A-red		05.595.9500.0	50		05.595.6200.0	50
1	6A-gray					05.595.6300.0	50
2	0A-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 60-77							
For marking systems see pages 70-75							
NEOZED® = registered trademark of Siemens	AG						

<sup>\*)</sup> Current and voltage are determined by the fuse

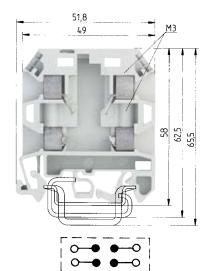
### **Function blocks** with screw connection

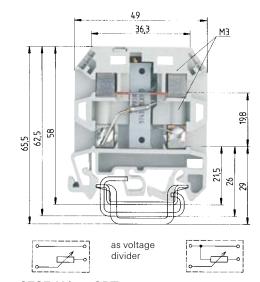
Electrical specifications for the compensating terminal. Resistor range:  $0.25\Omega \text{ bis } 100\Omega$  Resistor tolerance:  $\pm \ 10\%$ Resistor range:  $100\Omega$  bis  $50 k\Omega$ Resistor tolerance: ± 20% Limited continuous resistance value:

0.75W bis 70°C 100 mA 0 bis + 500 ppm/°C Max. load: Temperature coefficient:

Max. operating voltage: 300V

EN 60947-7-1/DIN VDE 0611 T1





#### 9786 U/12

No. 22-14 AWG

fine-stranded solid  $0.5 - 2.5 \, \text{mm}^2$   $0.5 - 2.5 \, \text{mm}^2$   $800 \, \text{V/8 \, kV/3*})$  9785 U/... - SPT

fine-stranded solid 24\*) 0.5-2.5 mm<sup>2</sup> 0.5-2.5 mm<sup>2</sup> see description

Field/factory wiring **UL** ratings

CSA ratings

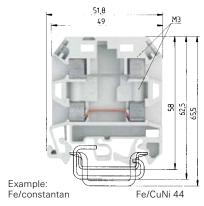
Width Wire strip length 12 mm 9 mm 12 mm  $9\,mm$ 

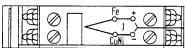
300 V

6

Approvals

			Туре	Part No.	Std. Pack	Туре	Part No.	Std. Pack
Function blocks, empty			9786 U/12	57.904.2055.0	50			
with bridge rectifier B380 C15	500		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-Pt	Rh 13/Pt						
Ground disconnect	24 - 48V≅	with LED						







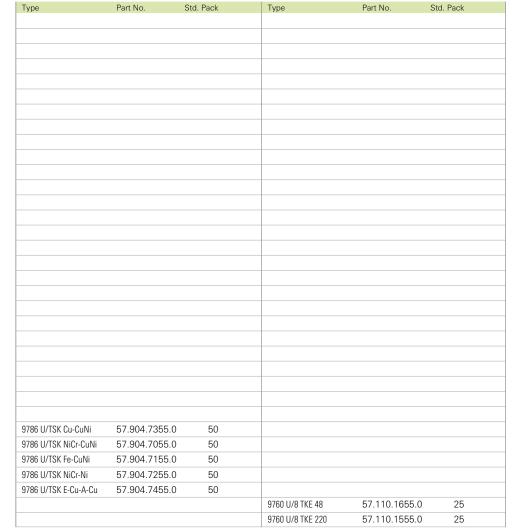
<sup>\*)</sup> to the adjacent terminal block type 9786 U/...

#### 9786 U/TSK...

12 mm

fine-stranded solid V 0.5-2.5 mm<sup>2</sup> 0.5-2.5 mm<sup>2</sup> 800 V/8 kV/3\*<sup>3</sup> 9760 U/8 TKE...

A 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
9 mm 17.5 mm 9 mm



EN60204 part 1/DINVDE0113 part 1 "Fitting industrial machines with electrical equipment"

9.4.3.1. Protection against unintentional start-up caused by ground faults.
Ground faults in control circuits may not cause an unintentional start-up, dangerous movements by the machine, or prevent the machine from stopping.

During normal operation the auxiliary circuit is connected to the functional ground and the green (24-48V) or yellow (110-220V) status display is illuminated.

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

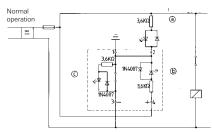
Once the contact separator is open, you can replace the fuse.

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

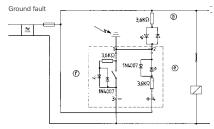
After the fault had been rectified, the green (24-48V) or yellow (110-220V) display will also light up. The contacts should now be moved to the "on" position as a result of which the red lamp will go out.

The illumination of the yellow or green lamp and external display indicates that the auxiliary circuit has been reconnected to the functional ground.

Ground Disconnect terminal with LED 24-48V≅



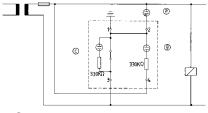
- (a) external status display lights up
- b green status display lights up
- © red ground-fault indicator lights up



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

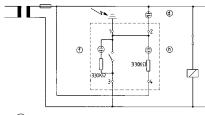
Ground Disconnect terminal with Neon Lamp 110-220 V≅

Normal operation



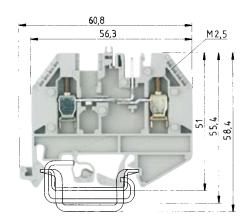
g yellow status display lights up

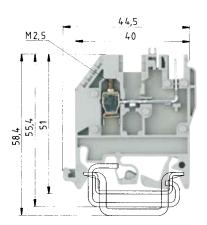
Ground fault



(h) yellow indicator light not flashing

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





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

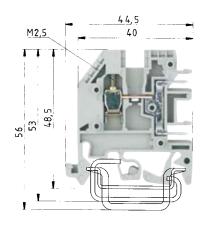
EN 60947-7-1/DIN VDE 0611 T1 Field/factory wiring **UL** ratings CSA ratings

Width Wire strip length

Approvals

V V fine-stranded solid fine-stranded solid 0.5-2.5 mm<sup>2</sup> 0.5-4 mm<sup>2</sup> 250 V/4 kV/3 12 0.5-2.5 mm<sup>2</sup> 0.5-4 mm<sup>2</sup> 250 V/4 kV/3 12 No. 22-12 AWG 300 V 15 No. 22-12 AWG 300V 15 No. 24-12 AWG 300 V 15 No. 24-12 AWG 300V 15  $5\,mm$ 9mm 5mm 9mm **B**48 **BLR** 

approvals		<b>₩</b> @			A7 @		
		Туре	Part No.	Std. Pack	Туре	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 2	5 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 5	0 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 7.5 mm h	nigh $L=2m$	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, 15 mm h	nigh $L=2m$	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
Mounting rail TS 32, G rail	L=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	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	2.5 mm thick	ZP 2,5 U/D/8113 S/V	07.311.9155.0	10	ZP 2,5 U/8113 S/V	07.312.1655.0	10
for <b>wiecon</b> PC board connector with spacing	g 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 <sup>1)</sup>	L = 0.4  m		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 60-77							
For marking systems see pages 70-75							
1) For jumpering the negative potential for the LED	) blocks						







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

fine-stranded solid V
0.5-2.5 mm² 0.5-4 mm² 250 V/4 kV/3
No. 22-12 AWG 300 V
No. 24-12 AWG 300 V
5 mm **R1 (6)** 

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

 Mating orientation with the wire

 A fine-stranded solid
 V

 12 0.5 - 2.5 mm² 0.5 - 4 mm² 250 V/400 V

 20 No. 22-12 AWG 300 V

 15 No. 24-12 AWG 300 V

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

 Mating orientation 90° towards the wire

 A fine-stranded solid V
 A

 12 0.5-2.5 mm² 0.5-4 mm² 250 V/400 V
 12

 15 No. 22-12 AWG 300 V
 15

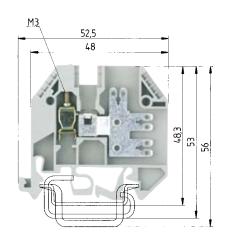
 15 No. 24-12 AWG 300 V
 15

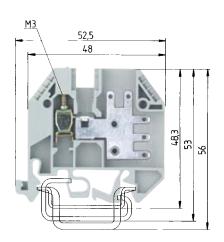
#### **₽₽**

9mm

- <del>-</del>								
Туре	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 mi	n		Spacing 5.00 mr	m	
			Rated voltage 2	50 V		Rated voltage 2	50 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 24 x 15 EN 60715	98.360.0000.0	1	8113 B/2	25.320.0253.0	2	8113 B/2	25.325.0253.0	2
9006 EN 60715 G-32	98.190.0000.0	1	to			to		
WE 1/U	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 mr	n				
			Rated voltage 4	00 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 plug	ggable blocks, see <b>v</b>	<b>viecon</b> product	For additional plug	ggable blocks, see i	<b>wiecon</b> produ
			family			family		

### Feed-through blocks with screw/push-on connection **selos** PLUG





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

Ratings for use of insulating sleeves EN 60947-7-1, EN 61210

Field/factory wiring **UL** ratings CSA ratings

Width Wire strip length Approvals

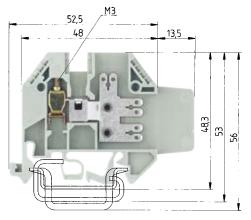
WK 4 3-6 S 1 K/U

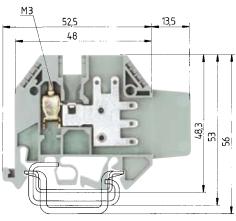
V fine-stranded solid 0.5-4 mm<sup>2</sup> 0.5-6 mm<sup>2</sup> 800 V/8 kV/3 No. 22-12 AWG 300 V 300 V No. 22-12 AWG 6mm

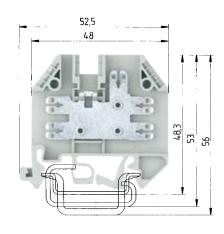
WK 4 5 S 2,8 1 K/U

V fine-stranded solid 20\*) 0.5-4 mm<sup>2</sup> 0.5-6 mm<sup>2</sup> 800 V/8 kV/3 20\*) 10 No. 22-12 AWG 300V 10 300 V 10 No. 22-12 AWG 10 9mm 6mm 9mm @\_<u>\$\frac{1}{2}</u>

Approvals	ength	@ <b>\$\_\$\_</b>		9 mm	6 mm <b>® ∕se\ 71 ®</b>			9 mm
		Туре	Part No.	Std. Pack	Туре	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 7.5 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, 15mm high	L=2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1	
Mounting rail TS 32, G rail	L=2 m	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 n	nm wide	W 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100	
End clamp TS 35, with screw 8 n	nm 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 n	nm 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 1.5 mm <sup>2</sup>	yellow		05.592.7553.0	2000		05.592.7553.0	2000	
for H0. V-K 2.5 mm <sup>2</sup>	yellow		05.592.7653.0	2000		05.592.7653.0	2000	
For more accessories see pages 60-77								
For marking systems see pages 70-75		*) Current carrying capa	bility according to DI	N 46249				







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

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

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

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

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

■ ■ ■ ■

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

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

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#### WK/5-10 S/U

A fine-stranded solid V A

0\*) 800V/8kV/3 20\*)

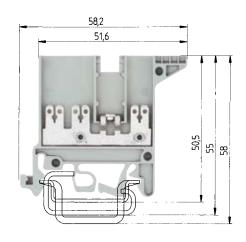
10 300V 10

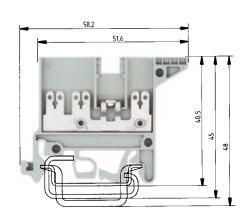
10 No. 22-12 AWG 300V 10

nm 6 mm

Туре	Part No.	Std. Pack	Туре	Part No.	Std. Pack	Туре	Part No.	Std. Pack
WK 4 3-6 S 1 K/IW/U	57.504.2755.0	100	WK 4 5 S 2,8 1 K/IW/U	57.504.2855.0	100	WK/5-10 S/U	57.504.3655.0	100
35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100	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	9708/2 S 35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
AP4 3 S 1 K	07.311.3855.0	10	AP4 3 S 1 K	07.311.3855.0	10	AP 5 S	07.311.4655.0	10
IVB WK 4-2	Z7.281.1227.0	10	IVB WK 4-2	Z7.281.1227.0	10	IVB WKI 4-2	Z7.271.4227.0	10
IVB WK 4-3	Z7.281.1327.0	10	IVB WK 4-3	Z7.281.1327.0	10	IVB WKI 4-3	Z7.271.4327.0	10
IVB WK 4-12	Z7.281.2227.0	10	IVB WK 4-12	Z7.281.2227.0	10	IVB WKI 4-12	Z7.271.5227.0	10
TS 4 GELB	07.311.2153.8	10	TS 4 GELB	07.311.2153.8	10	TS 4 GELB	07.311.2153.8	10
AD VB 4 GELB	04.326.2153.8	10	AD VB 4 GELB	04.326.2153.8	10	AD VB 4 GELB	04.326.2153.8	10
	05.592.7553.0	2000		05.592.7553.0	2000		05.592.7553.0	2000
	05.592.7653.0	2000		05.592.7653.0	2000		05.592.7653.0	2000

### **Distribution terminals** with screw/push-on connection selos PLUG





Current carrying capability in accordance with

DIN 46249

2.8 Tab connector 10 A 6.3

20 A

Ratings for use of insulating sleeves

EN 60947-7-1, EN 61210

Field/factory wiring **UL** ratings

CSA ratings

Width Wire strip length

Approvals

Push-on connectors 2.8 x 0.8 according to DIN 46247 Push-on connectors 6.3x0.8 according to DIN 46247 Push-on connectors 2.8x0.8 according to DIN 46247 Push-on connectors 6.3x0.8 according to DIN 46247

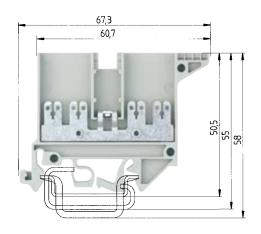
#### WK/3-6 S/IW/U

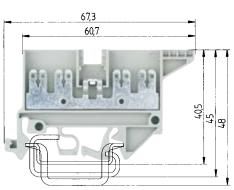
V fine-stranded solid  $0.5 - 4 \, \text{mm}^2$ 0.5-6 mm<sup>2</sup> 800 V/8 kV/3 20 600 V 10 No. 22-12 AWG 300 V 6mm **18 17** 

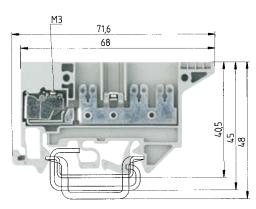
WK/3-6 S/U

V fine-stranded solid 800 V/8 kV/3 20 300V 10 No. 24-12 AWG 300 V 10 6 mm ✓sev**\¶** 

Approvais		ZSEV 711 CF			ZSEV 74 QP		
		Туре	Part No.	Std. Pack	Туре	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 7.5 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	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	W 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
End clamp TS 35, with screw	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	mm 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
uţ	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 1.5 mm <sup>2</sup>	yellow		05.592.7553.0	2000		05.592.7553.0	2000
for H0. V-K 2.5 mm <sup>2</sup>	yellow		05.592.7653.0	2000		05.592.7653.0	2000
For more accessories see pages 60-77							
For marking systems see pages 70-75							







Push-on connectors 2.8×0.8 according to DIN 46247 Push-on connectors 6.3×0.8 according to DIN 46247

Push-on connectors 2.8×0.8 according to DIN 46247 Push-on connectors 6.3×0.8 according to DIN 46247

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

#### WK/4-8 S/IW/U

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

→ ¶ € ¶ €

#### WK/4-8 S/U

fine-stranded solid V
800 V/8 kV/3 :

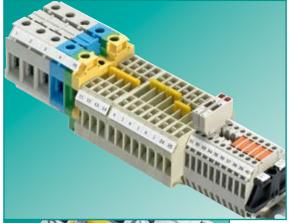
No. 22-12 AWG 300 V
6 mm

#### WK/3-6 S KO/U

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

Туре	Part No.	Std. Pack	Туре	Part No.	Std. Pack	Type	Part No.	Std. Pack
WK/4-8 S/IW/U	57.504.6355.0	100	WK/4-8 S/U	57.504.6255.0	100	WK/3-6 S KO/U	57.504.7355.0	100
35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100	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	9708/2 S 35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
AP 4 S/IW	07.311.4355.0	50	AP 4 S	07.311.4255.0	10	9701 A/6 1 S K0 TP 2	07.310.5855.0	50
VB WK/S/IW/U-2	Z7.281.3227.0	10	9703/6-2	Z7.211.0227.0	50	2072/2	Z7.220.0227.0	50
VB WK/S/IW/U-3	Z7.281.3327.0	10	9703/6-3	Z7.211.0327.0	50	2072/2	Z7.220.0227.0	50
VB WK/S/IW/U-6	Z7.281.3627.0	10	9703/6-6	Z7.211.0627.0	50	2072/6	Z7.220.0627.0	50
TS 4 GELB	07.311.2153.8	10	TS 4 GELB	07.311.2153.8	10			
AD VB 4 GELB	04.326.2153.8	10	AD VB 4 GELB	04.326.2153.8	10			
	05.592.7553.0	2000		05.592.7553.0	2000		05.592.7553.0	2000
	05.592.7653.0	2000		05.592.7653.0	2000		05.592.7653.0	2000

## Instrument isolating terminal with screw connection



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

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

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

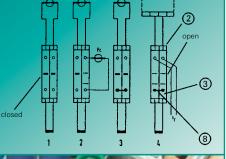
#### Technical data as per EN 60947-7:

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



#### Applications with current converter

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

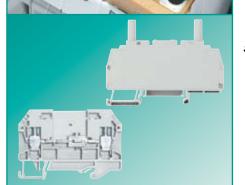


### Current converter circuiting

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



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



### selos instrument isolating terminals

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

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

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



#### **Test sockets**

#### Reference measurements and test signals

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

### Short-circuit contact

#### Short-circuiting the current converter

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

#### **Cross connectors**

#### Distributing and combining potentials

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

### Disconnect locking device

### Connecting converter circuits safely

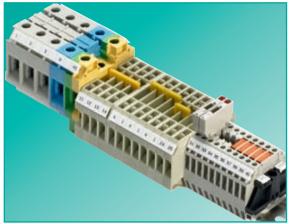
- Prevents accidental opening or closing of converter circuits.
- The contact separator is blocked in its respective position.
- Easy to mount by hand but removal requires tools.

#### Special accessories

### **Application-specific special accessories**

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

## Instrument isolating terminal with screw connection



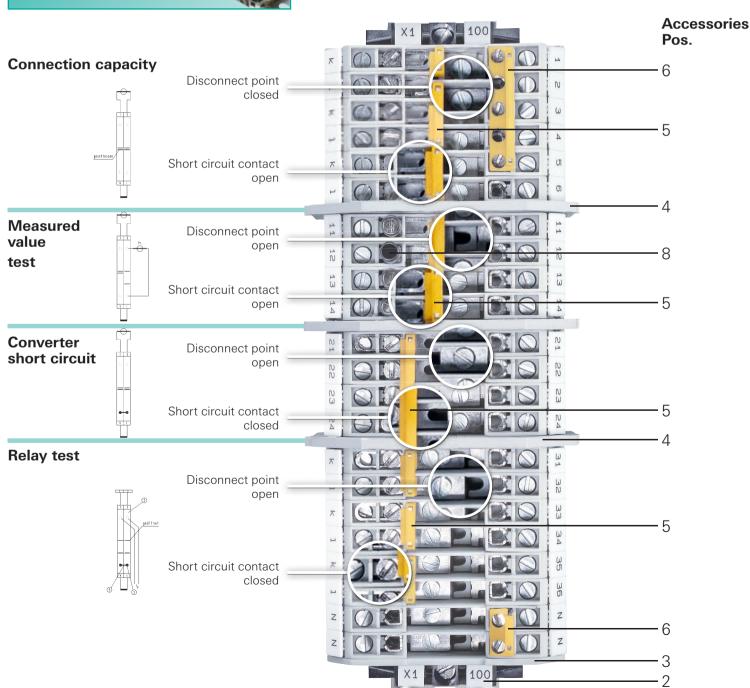
Wieland Electric's **selos** WKN 6 TK block offers a simple and effective DIN rail block solution for use in measuring circuits for current, voltage or energy. All circuits in everyday practice can be neatly implemented with the instrument isolating terminal and a few accessory parts. Only two blocks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

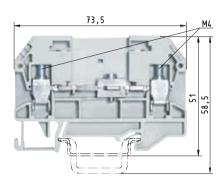
The main focus during the development of this block was clear and simple handling as well as universal usability. All switching states of the block and the converter circuit are clearly recognizable and the extensive accessory program is easy to use.

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

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

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





#### WKN 6 TK

fine-stranded solid EN 60947-7-1/DIN VDE 0611 T1 0.5-6 mm<sup>2</sup> 0.5-10 mm<sup>2</sup> 400 V/6 kV/3 57

UL ratings Field/factory wiring CSA ratings

Width Wire strip length 8mm 12 mm

Approvals pending

### **91/9**

	74 W		
	Туре	Part No.	Std. Pack
	WKN6 TK	56.106.0055.0	50
	WKN6 TK D	56.106.0155.0	50
gh L=2m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
gh L=2m	35 x 24 x 15 EN 60715	98.360.0000.0	1
L=2m			
10 mm wide	WE 1/U	Z5.523.5753.0	100
8mm wide	9708/2 S 35	Z5.522.8553.0	100
8mm wide	WEF 1/35	Z5.523.9353.0	100
2 mm	APN 6 TK	07.313.1755.0	10
	TW 6 TK	07.312.0453.0	10
2 pole	IVS WKN6 TK-2	Z7.282.7229.0	10
3 pole	IVS WKN6 TK-3	Z7.282.7329.0	10
4 pole	IVS WKN6 TK-4	Z7.282.7429.0	10
2 pole	IVB WKN6 TK-2	Z7.282.6229.0	10
3 pole	IVB WKN6 TK-3	Z7.282.6329.0	10
4 pole	IVB WKN6 TK-4	Z7.282.6429.0	10
5 pole	IVB WKN6 TK-5	Z7.282.6529.0	10
6 pole	IVB WKN6 TK-6	Z7.282.6629.0	10
2 pole	IVK WKN 6TK-2	Z7.282.8229.0	10
3 pole	IVK WKN 6TK-3	Z7.282.8329.0	10
4 pole	IVK WKN 6TK-4	Z7.282.8429.0	10
5 pole	IVK WKN 6TK-5	Z7.282.8529.0	10
6 pole	IVK WKN 6TK-6	Z7.282.8629.0	10
gray	SBN 4 GRAU	Z5.511.3553.0	10
violet	SBN 4 VIOLETT	Z5.511.3553.9	10
green	SBN 4 GRÜN	Z5.511.3553.7	10
yellow	SBN 4 GELB	Z5.511.3553.8	10
blue	SBN 4 BLAU	Z5.511.3553.6	10
	SP WKN 6 TK	05.566.6855.9	50
	gh L=2m L=2m 10 mm wide 8 mm wide 8 mm wide 2 mm 2 pole 3 pole 4 pole 2 pole 3 pole 4 pole 5 pole 6 pole 2 pole 3 pole 4 pole 5 pole 6 pole gray violet green yellow	Type	Type WKN6 TK 56.106.0055.0 WKN6 TK D 56.106.0055.0 WKN6 TK D 56.106.0055.0 WKN6 TK D 56.106.0155.0  gh L=2m 35 x 27 x 7,5 EN 60715 98.300.0000.0  L=2m 10 mm wide WE 1/U Z5.523.5753.0 8 mm wide 9708/2 \$ 35 Z5.522.8553.0 8 mm wide WEF 1/35 Z5.523.9353.0 2 mm APN 6 TK 07.313.1755.0 TW 6 TK 07.312.0453.0 2 pole IVS WKN6 TK-2 Z7.282.7229.0 3 pole IVS WKN6 TK-4 Z7.282.7429.0 1 VB WKN6 TK-2 Z7.282.6229.0 3 pole IVB WKN6 TK-4 Z7.282.6429.0 3 pole IVB WKN6 TK-5 Z7.282.6629.0 4 pole IVB WKN6 TK-5 Z7.282.6629.0 5 pole IVB WKN6 TK-6 Z7.282.8629.0 6 pole IVB WKN6 TK-6 Z7.282.8629.0 1 VB WKN 6 TK-7 Z7.282.8629.0 3 pole IVK WKN 6 TK-8 Z7.282.8629.0 5 pole IVK WKN 6 TK-6 Z7.282.8629.0 6 pole IVK WKN 6 TK-7 Z7.282.8629.0 7 pole IVK WKN 6 TK-8 Z7.282.8629.0 7 pole IVK WKN 6 TK-6 Z7.282.8629.0 7 pole IVK WKN 6 TK-6 Z7.282.8629.0 7 pole IVK WKN 6 TK-6 Z7.282.8629.0 7 pole IVK WKN 6 TK-7 Z7.282.8629.0 8 pole IVK WKN 6 TK-8 Z7.282.8629.0 9 pole IVK WKN 6 TK-6 Z7.282.8629.0

## Instrument isolating terminal with screw connection WK6 TK

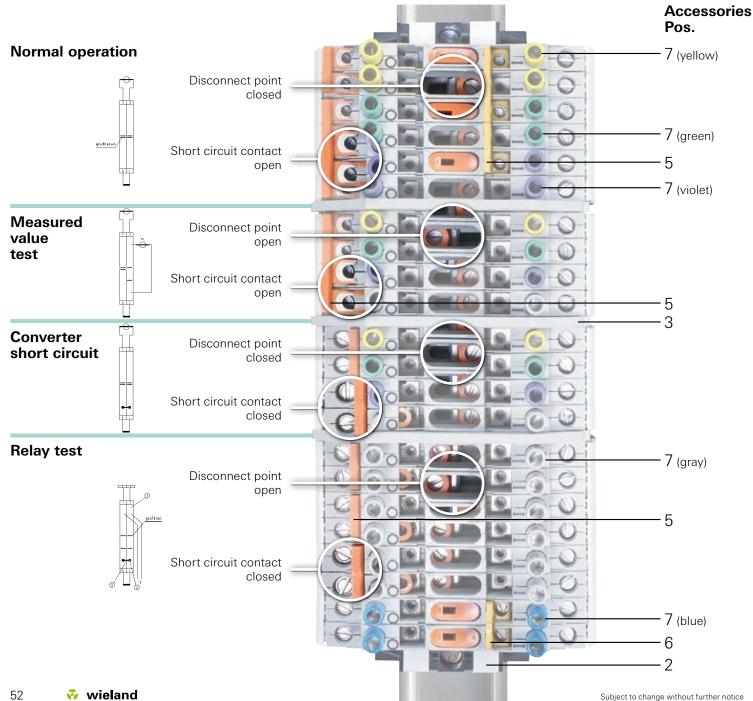


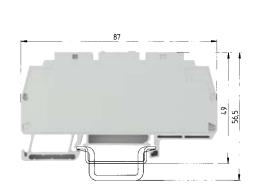
Wieland Electric's **selos** WK 6 TK block offers an optimal DIN rail block solution for all types of measuring circuits of current, voltage or energy. All circuits occurring during everyday practice can be implemented with the Instrument isolating terminal and a few accessories parts.

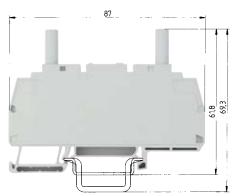
Complete insulated selectable connecting links are available as standard, as are insulated test sockets in all conventional signal colors. Two additional jumpering facilities permit the installation of fixed cross connections (e.g., for internal distribution of the k point of converter circuits). Standard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

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

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







V

400 V/6 kV/3

600 V

300 V

32

45

45

12 mm

A fine-stranded solid

45 No. 20-8 AWG

32 0.5-6 mm<sup>2</sup> 0.5-10 mm<sup>2</sup>

EN 60947-7-1/DIN VDE 0611 T1

UL ratings Field/factory wiring CSA ratings

Width Wire strip length

Approvals

WK6 TK/35 WK6 TK P3/35

fine-stranded solid V  $0.5-6\,\text{mm}^2$   $0.5-10\,\text{mm}^2$ 400 V/6 kV/3 No. 20-8 AWG 600V

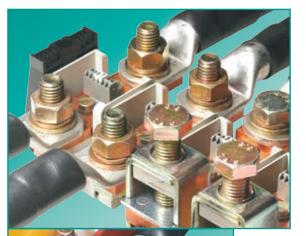
No. 20-8 AWG 300V

45 No. 20-8 AWG

8mm 12 mm 8 mm **®**4**R 10 LR** 

.pp. 5 ta.5		_			_		
		Туре	Part No.	Std. Pack			
Instrument isolating terminal		WK6 TK/35	56.106.0553.0	50			
Instrument isolating terminal with mou	nted test				WK6 TK P3/35	56.106.0653.0	50
sockets							
Accessories							
1. Mounting rail TS 35, DIN rail 7.5 mm hig	h 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, 15 mm hig	h L=2m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
Mounting rail TS 32, G rail	L=2m						
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	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	2 mm 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 60-77							
For marking systems see pages 70-75							

### High current terminal blocks with screw connection **selos** POWER LINE



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

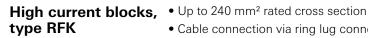
Wieland offers a program which was especially developed for high current applications. The portfolio includes feed through blocks and ring lug terminals. The type RFK feed through blocks in 4 different cross sections between 95 and 240 mm<sup>2</sup> and different types of connection (e.g., rising cage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

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

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

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

 $95\,mm^2-240\,mm^2$ Rated current: up to 415A Rated cross section: Rated voltage: 1000 V



- 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
- 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 ...

DIN VDE 0110 UL ratings CSA ratings Width Approvals

Field/factory wiring

Wire strip length

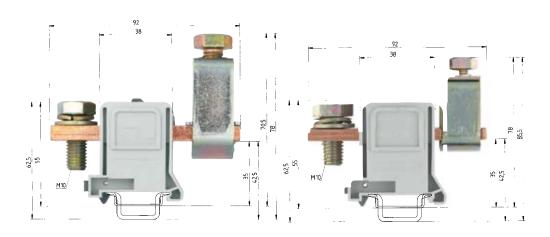
KEMA **711** (1)

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

Accessories	Type BK M 6/35 BK M 8/35 BK M 10/35 BK M 12/35	Part No. 32.530.0053.0 32.540.0053.0 32.550.0053.0 32.560.0053.0	25 25 25 25 25
Accessories	BK M 8/35 BK M 10/35 BK M 12/35	32.540.0053.0 32.550.0053.0	25 25
	BK M 10/35 BK M 12/35	32.550.0053.0	25
	BK M 12/35		
		32.560.0053.0	25
	05 07 75 54 00745		
	05 07 75 511 00745		
1 Manuatina well TOOF DIN well 7 Feet at high 1 Oct	05 07 75 511 00745		
1. Mounting rail TS 35, DIN rail 7.5 mm high $L=2 \text{ m}$	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail TS 35, DIN rail, 15 mm high $L=2 \text{ m}$	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 70-75	1) with partition TW BK		

Туре	Width	Height	Rated current
BK M 6	19 mm	56 mm	125 A
BK M 8	24 mm	65 mm	150A
BK M 10	35 mm	72 mm	265 A
BK M 12	35 mm	74 mm	265 A
Detailed dra	awing data o	n request.	

### High current blocks with screw connection SELOS POWER LINE



RFK 1/95... S35

(£) <u>∕sev</u> (N) LR **₹1. (£)** 

DIN VDE 0611 Teil 1/EN 60947-7-1 **UL** ratings Field/factory wiring CSA ratings

Width Wire strip length

Approvals

RFK 1/150... S35

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

Std. Pack Part No. Std. Pack Type Part No. Type RFK 1/95 F S 35 Configurations F 56.395.0055.0 REK 1/150 F S35 gray 10 56.397.0055.0 10 RFK 1/95 K S 35 56.395.0155.0 RFK 1/150 K S35 10 gray Κ 10 56.397.0155.0 FΚ RFK 1/95 FK S 35 56.395.0255.0 10 RFK 1/150 FK S35 56.397.0255.0 10 gray FΜ 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 gray Accessories 1. Mounting rail TS 35, DIN rail 7.5 mm high L=2m35 x 27 x 7,5 EN 60715 98.300.0000.0 1 35 x 27 x 7,5 EN 60715 98.300.0000.0 Mounting rail TS 35, DIN rail, 15 mm high L=2m35 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 mWE 2/U Z5.523.5653.0 100 WE 2/U Z5.523.5653.0 100 2. End clamp with U-foot 10 mm wide End clamp TS 35, with screw 9708/2 S35 100 100 8mm wide Z5.522.8553.0 9708/2 S35 Z5.522.8553.0 End clamp TS 35, without screw WEF 1/35 100 100 8 mm wide Z5.523.9353.0 WEF 1/35 Z5.523.9353.0 3. Cover for RFK 1/... Z7.409.5753.0 10 Z7.409.5853.0 10 vellow 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

Α

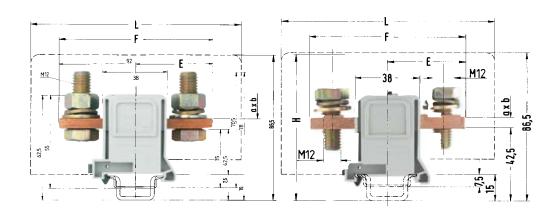
335

275

300

27 mm





### RFK 1/185... S35

0 AWG - 400 kcmil

0 AWG - 400 kcmil

 $42\,\text{mm}$ 

V 1000 V/8 kV/3 353

600 V 375 600 V 375 27 mm

### RFK 1/240... S35

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

<u>∕\$£V</u> (N) LR **91 (1)** 

mm² Type 185 F, FM axb MI MII 6x26 M12 200 92 46 F FM

Type RFK 1/185 F S 35	Part No. 56.398.0055.0 56.398.1055.0	Std. Pack 10	Type RFK 1/240 F S 35*) RFK 1/240 K S 35	Part No. 56.399.0055.0 56.399.0155.0	Std. Pack 10	
RFK 1/185 F S 35		10	RFK 1/240 K S 35			
	56.398.1055.0			56 399 0155 0		
	56.398.1055.0			55.555.6155.0	10	
	56.398.1055.0		RFK 1/240 FK S 35*)	56.399.0255.0	10	
RFK 1/185 FM S 35		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 27 x 7,5 EN 60715	98.300.0000.0	1	
35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1	
WE 2/U	Z5.523.5653.0	100	WE 2/U	Z5.523.5653.0	100	
9708/2 S35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100	
WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100	
	Z7.409.5853.0	10		Z7.409.5853.0	10	
TE/RFK 1/150 - 240 PA	07.340.1053.0	50	TE/RFK 1/150 - 240 PA	07.340.1053.0	50	
VB RFK 1/185/2	07.201.4227.0	10	VB RFK 1/240/2	07.201.8227.0	10	
VB RFK 1/185/3	07.201.4327.0	10	VB RFK 1/240/3	07.201.8327.0	10	
VB RFK 1/185/4	07.201.4427.0	10	VB RFK 1/240/4	07.201.8427.0	10	
			*) Cable lugs of type DIN	1 46234 to be used o	nly.	

	1,1101	0 1 2 0	101 12			200	02	70	
40	FK, FMK	8x26	M 12	M 12	100,5	200	102	46	
	K	8x26	-	M 12	100,5	200	112	56	
onf	figuratio	ns							



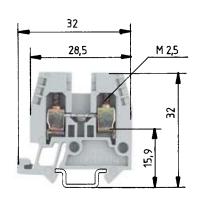
Κ

FΚ

FΜ

**FMK** 

## Mini blocks with screw connection for TS 15 **SELOS** MINI



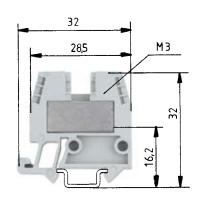
V

500 V/6 kV/3

300 V

600V

275 V



Α

28

30

37

21/272)

9mm

0344 **②** II 2GD IM2 Ex e I/II EN 60947-7-2/DIN VDE 0611 T3 UL ratings Field/fac

UL ratings Field/factory wiring CSA ratings

KEMA 02 ATEX 2114 U<sup>1)</sup> EN 60079-0/EN 60079-7 Width Wire strip length

Approvals

WKM 2,5/15

fine-stranded solid 0.5-2.5 mm² 0.5-4 mm² No. 22-14 AWG No. 22-12 AWG

0.5-2,5 mm<sup>2</sup> 0.5-4 mm<sup>2</sup> 5 mm

ATEX LR **AL AL**AEx **(1) (1)** Ex

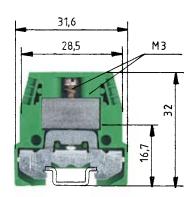
WKM 4/15

A fine-stranded solid V
25 0.5-4mm² 0.5-6mm² 500V/6kV/3
10 No. 22-10 AWG 600V
25 No. 20-10 AWG 600V
20/20² 0.5-4mm² 0.5-6mm² 275V

9 mm 6 mm
\_\_\_\_\_\_ ATEX LR **\$\mathbb{N}\$ \$\mathbb{N}\$\_AEX <b>(1) (1) E**EX

pprovals		MAIEX LA 711 711A	EX CU CUEX		SEV ATEX IN TUREX OF OFEX			
		Туре	Part No.	Std. Pack	Туре	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 g	reen/yellow							
Accessories								
1. Mounting rail 15, DIN rail 5,5 mm high	L=2m	9021/15 x 5,5 EN 60715	98.090.0015.0	10	9021/15 x 5,5 EN 60715	98.090.0015.0	10	
2. End clamp, Polyamide 7	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	
	blue	TWM 2,5 - 4/15 BLAU	07.311.1853.6	10	TWM 2,5 - 4/15 BLAU	07.311.1853.6	10	
5. Cross connector with screws, E-Cu								
	2 pole	VB WKM 2,5/15-2	Z7.215.4227.0	50	IVB WK 4 E/U-2	Z7.271.2227.0	10	
	3 pole	VB WKM 2,5/15-3	Z7.215.4327.0	50	IVB WK 4 E/U-3	Z7.271.2327.0	10	
	to 6 pole	VB WKM 2,5/15-6	Z7.215.4627.0	50				
	to 12 pole				IVB WK 4 E/U-12	Z7.271.3227.0	10	
	60 pole	VB WKM 2,5/15 M60	Z7.215.4027.0	10				
6. Single cover f. cross conn. with marking	g 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 70-75								
When selectable connecting links are use must be used. The rated voltage is reduce 400V/6kV/3.		<ul> <li>Please note the moun</li> <li>Ratings to adjacent fe</li> <li>For the current carryir</li> </ul>	ed-through blocks o	f the same series and	/ith/without jumper size. atalog section <b>facts</b> + DATA	Α.		

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.



V

500 V/6 kV/33)

300 V

### WKM 4 SL/15

fine-stranded solid 0.5-4 mm<sup>2</sup> 0.5-6 mm<sup>2</sup> No. 22-14 AWG No. 22-10 AWG

 $0.5-4\,mm^2$   $0.5-6\,mm^2$ 

6mm

32 8,5 M 2,5 28,5 28,1 32 ਨ,

### WKM 2,5 F1/15

Α fine-stranded solid  $0.5 - 2.5 \, mm^2$   $0.5 - 4 \, mm^2$ 30

9mm 5mm

500 V/6 kV/3

### 32 M 2,5 28,5 20,

### WKM 2,5 F2/15

A fine-stranded solid 24 0.5-2.5 mm<sup>2</sup> 0.5-4 mm<sup>2</sup>

 $9\,\text{mm}$   $5\,\text{mm}$ 

500 V/6 kV/3

9mm

Α

SEV ATEX LR <b>N. N.</b> AI	EX 🏵 🏵 EX		(D)			<b>D</b>		
Туре	Part No.	Std. Pack	Туре	Part No.	Std. Pack	Type	Part No.	Std. Pack
			WKM 2,5 F1/15	55.503.1253.0		WKM 2,5 F2/15	55.503.1353.0	100
WKM 4 SL/15	55.504.9153.0	100						
9021/15 x 5,5 EN 60715	98.090.0015.0	10	9021/15 x 5,5 EN 60715	98.090.0015.0		9021/15 x 5,5 EN 60715	98.090.0015.0	
9208 S 15	Z5.522.7553.0	100	9208 S 15	Z5.522.7553.0		9208 S 15	Z5.522.7553.0	
APM 4 SL/15	07.311.0753.0	10	APM 2,5 F./15	07.311.0653.0	10	APM 2,5 F./15	07.311.0653.0	10
			VB WKM 2,5/15-2	Z7.215.4227.0		VB WKM 2,5/15-2	Z7.215.4227.0	
			VB WKM 2,5/15-3	Z7.215.4327.0		VB WKM 2,5/15-3	Z7.215.4327.0	
			VB WKM 2,5/15-6	Z7.215.4627.0	50	VB WKM 2,5/15-6	Z7.215.4627.0	50
VB WKM 2,5/15 M60	Z7.215.4027.0	10	VB WKM 2,5/15 M60	Z7.215.4027.0	10	VB WKM 2,5/15 M60	Z7.215.4027.0	10
			AD VB 2,5/15 GELB	04.326.3053.8	10	AD VB 2,5/15 GELB	04.326.3053.8	10
			TSM 2,5/15	07.311.2853.8	10	TSM 2,5/15	07.311.2853.8	10

### Accessories for DIN rail terminal blocks with screw connection









### Cross connectors, insulated

### Cross connectors, uninsulated

Rated voltage reduced to 50 V

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

01000 0011110	-		riated voltage red			rated voltage is rec		
Туре	Part No.	Std. Pack	Туре	Part No.	Std. Pack	Type		d. Pack
	ing 5mm, Screw		WK 2,5/U, Spacio	ng 5mm, Screw		WK 2,5/U, Spacin		2,5
IVB WK 2,5-2	Z7.280.2227.0	10	VB WK 2,5-2	Z7.280.0227.0	10	Select. connecting link	Z7.269.4023.0	50
IVB WK 2,5-3	Z7.280.2327.0	10	VB WK 2,5-3	Z7.280.0327.0	10	Test socket	05.509.6021.0	10
IVB WK 2,5-4	Z7.280.2427.0	10	VB WK 2,5-6	Z7.280.0627.0	10			
:	:		VB WK 2,5 M-80	Z7.280.0027.0	10			
IVB WK 2,5-12	Z7.280.3227.0	10	every 2nd pol (40 pole)	Z7.280.1027.0	10			
WK 4/U, Spacin	g 6mm, Screw IV	13	WK 4/U, Spacing	6mm, Screw M	13	WK 4/U, Spacing	6mm, Screw M3	
IVB WK 4-2	Z7.281.1227.0	10	VB WK 4-2	Z7.281.0227.0	10	Select. connecting link	Z7.269.4123.0	50
IVB WK 4-3	Z7.281.1327.0	10	VB WK 4-3	Z7.281.0327.0	10	Test socket	05.508.8921.0	10
IVB WK 4-4	Z7.281.1427.0	10	VB WK 4-6	Z7.281.0627.0	10			
:	:		VB WK 4 M-70	Z7.281.0027.0	10			
IVB WK 4-12	Z7.281.2227.0	10	every 2nd pol (30 pole)	Z7.281.1027.0	10			
WK 6/U, Spacin	g 8mm, Screw IV	13,5	WK 6/U, Spacing	8mm, Screw N	13,5	WK 6/U, Spacing	8mm, Screw M3,	5
IVB WK 6-2	Z7.282.2227.0	10	VB WK 6-2	Z7.282.0227.0	10	Select. connecting link	Z7.269.4223.0	50
IVB WK 6-3	Z7.282.2327.0	10	VB WK 6-3	Z7.282.0327.0	10			
:	:		VB WK 6-6	Z7.282.0627.0	10			
IVB WK 6-12	Z7.282.3227.0	10	VB WK 6 M-70	Z7.282.0027.0	10			
WKN 10/U, Spa	cing 10 mm, Scre	w M3,5	WKN 10/U, Spac	ing 10mm, Scre	w M3,5			
IVB WKN 10-2	Z7.283.2227.0	10	VB WKN 10-2	Z7.283.6227.0	10			
IVB WKN 10-3	Z7.283.2327.0	10	VB WKN 10-3	Z7.283.6327.0	10			
:	:		VB WKN 10-6	Z7.283.6627.0	10			
IVB WKN 10-12	Z7.283.3227.0	10	VB WKN 10 M-40	Z7.283.6027.0	10			
WKN 16/U, Spa	cing 12 mm, Scre	w M4	WKN 16/U, Spac	ing 12mm, Scre	w 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, Spa	cing 16mm, Scre	w M5	WKN 35/U, Spac	ing 16mm, Scre	w 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						
	cing 24mm, Scre	w M6	WKN 70/U, Spac	ing 24mm, Scre	w 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, Sp.	acing 28mm, Scr	ew M8	WKN 150/U, Spa		ew M8			
, , ,	<u> </u>		VB WKN 150-2	Z7.287.1227.0	5			
			VB WKN 150-3	Z7.287.1327.0	5			









cross connector type AD VB ...



### **Cover for cross connector**

over 10 blocks

Version E and "blank" without opening Version P with opening for test pin

### Cover strip with warning symbol

over 4 blocks

### Partition plate with marking facility for cross connector

Single cover with marking facility for

tyna TS

Version P with op	pening for test pin		over 4 blocks			type TS		
Туре		td. Pack	Туре		Std. Pack	Туре		Std. Pack
WK 2,5/U, Spaci	ng 5mm		WK 2,5/U, Spa	cing 5 mm		WK 2,5/U, Spa	cing 5 mm	
AD VB 5/10 E GELB	04.342.0556.8	10	AD 5/4 GELB	04.343.4756.8	10	AD VB 2,5 GELB	04.326.2053.8	10
AD VB 5/10 P GELB	04.342.3556.8	10				TS 2,5 GELB	07.311.2053.8	10
WK 4/U, Spacing	g 6mm		WK 4/U, Spaci	ng 6mm		WK 4/U, Spaci	ng 6mm	
AD VB 6/10 E GELB	04.342.0656.8	10	AD 6/4 GELB	04.343.4856.8	10	AD VB 4 GELB	04.326.2153.8	10
AD VB 6/10 P GELB	04.342.3656.8	10				TS 4 GELB	07.311.2153.8	10
WK 6/U, Spacing	g 8mm		WK 6/U, Spaci	ng 8mm, Screw M3,	.5	WK 6/U, Spaci	ng 8mm, Screw M3	3,5
AD VB 8/10 E GELB	04.342.0856.8	10	AD 8/4 GELB	04.343.4956.8	10	AD VB 6 GELB	04.326.2253.8	10
AD VB 8/10 P GELB	04.342.3856.8	10				TS 6 GELB	07.311.2253.8	10
WKN 10/U, Spac	cing 10 mm		WKN 10/U, Spa	acing 10mm, Screw	M3,5	WKN 10/U, Spa	acing 10mm, Screw	√ M3,5
AD VB 10/10 E GELB	04.342.1056.8	10	ADN 10/4 GELB	04.343.5056.8	10	AD VB 10 GELB	04.326.2353.8	10
AD VB 10/10 P GELB	04.342.4056.8	10				TS 10 GELB	07.311.2353.8	10
			WKN 16/U, Spacing 12mm, Screw M4			WKN 16/U, Spa	acing 12mm, Screw	л М4
			ADN 12/4 GELB	04.343.5156.8	10	AD VB 16 GELB	04.326.2453.8	10
						TSN 16 GELB	07.311.8453.8	10
			WKN 35/U, Sp	acing 16mm, Screw	M5	WKN 35/U, Sp	acing 16mm, Screw	v M5
			AD 16/4 GELB	04.343.5256.8	10	AD VB 35 GELB	04.326.2553.8	10
			M/M 70/11 Cm	in 24	NAG	MIKNI 70/III Co	i 24 Savasa	. NAG
			AD 24/4 GELB	04.343.5356.8	10	AD VB 70 GELB	o4.326.2653.8	10
			AU 24/4 GELD	04.343.3330.6	10	AD VB /U GELB	04.320.2033.6	10
				pacing 28mm, Screv				
			ADN 28/4 GELB	04.343.5456.8	10			
						1		

### Accessories for DIN rail terminal blocks with screw connection

### selos







### Cross connectors, insulated Jumper comb, insulated

### Cross connectors, uninsulated Jumper comb, uninsulated

Rated voltage reduced to 50V

### Selectable connecting link Test socket

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

Jumper con	iib, iiisulateu		Rated voltage re	educed to 50 V		the rated voltage i	s reduced to 380 V	/!
Туре	Part No.	Std. Pack	Туре	Part No. S	td. Pack	Туре	Part No.	Std. Pack
WK 2,5/U, Spac	ing 5mm, Screw M	2,5	WK 2,5/U, Space	ing 5mm, Screw M2	.5	WK 2,5/U, Spacing	5 mm, Screw M2	,5
IVB WK 2,5-2	Z7.280.2227.0	10	VB WK 2,5-2	Z7.280.0227.0	10	Select.connecting link	Z7.269.4023.0	50
IVB WK 2,5-12	Z7.280.3227.0	10	VB WK 2,5-6	Z7.280.0627.0	10	Test socket	05.509.6021.0	10
			VB WK 2,5 M-80	Z7.280.0027.0	10			
WKN 2,5 E/U, S	pacing 5mm, Screv	v M2,5	WKN 2,5 E/U, S	pacing 5mm, Screw	M2,5	WKN 2,5 E/U, Spa	cing 5mm, Screw	M2,5
IVB WK 2,5-2	Z7.280.2227.0	10	VB WK 2,5-2	Z7.280.0227.0	10			
IVB WK 2,5-12	Z7.280.3227.0	10	VB WK 2,5-6	Z7.280.0627.0	10	Test socket	05.509.6021.0	10
			VB WK 2,5 M-80	Z7.280.0027.0	10			
WK 4/U, Spacin	g 6mm, Screw M3		WK 4/U, Spacing	g 6mm, Screw M3		WK 4/U, Spacing	6mm, Screw M3	
Cross connector, i	nsulated		Cross connector, u	uninsulated				
IVB WK 4-2	Z7.281.1227.0	10	VB WK 4-2	Z7.281.0227.0	10	Select. connecting link	Z7.269.4123.0	50
IVB WK 4-12	Z7.281.2227.0	10	VB WK 4-6	Z7.281.0627.0	10	Test socket	05.508.8921.0	10
			VB WK 4 M-70	Z7.281.0027.0	10			
WK 4/U and WK	4 TK., Spacing 6m	ım, 0,5 mm thick	WK 4/U and WK	4 TK., Spacing 6mn	n, 0,5 mm thick			
Jumper comb, ins			Jumper comb, uni					
IVB 0,5 WK 4-2	Z7.255.0227.0	10	VB 0,5 WK 4-2	07.255.0227.0	10			
IVB 0,5 WK 4-12	Z7.255.0227.0	10	VB 0,5 WK 4-12	07.255.0227.0	10			
-	4 TK., Spacing 6m	ım. 1 mm thick		4 TK., Spacing 6mn	n. 1 mm thick			
Jumper comb, ins		,	Jumper comb, uni		.,			
IVB 1 WK 4-2	Z7.255.4227.0	10	VB 1 WK 4-2	07.255.4227.0	10			
IVB 1 WK 4-12	Z7.255.4227.0	10	VB 1 WK 4-12	07.255.4227.0	10			
	D2/2, Spacing 6mn	n. Screw M3		D2/2, Spacing 6mm,	Screw M3	WK 4 D1/2 and D2	/2 Spacing 6mm	Screw M3
IVB WK 4/D2	Z7.281.7227.0	10	VB WK 4D2	Z7.281.6227.0	10		, _µg	,
IVB WK 4/D12	Z7.281.7427.0	10	VB WK 4D6	Z7.281.6627.0	10	Test socket	05.508.8921.0	10
	27.201.7 127.10		VB WK 4D M-70	Z7.281.6027.0	10	1000 000000	00.000.0021.0	
WK 4 D /F/U Sn	acing 6mm, Screw	M3		D2/2, Spacing 6mm,	· -	WK 4 D1/2 and D2	/2 Spacing 6mm	Screw M3
IVB WK 4/DEU-2	Z7.271.0227.0	10	9215-2	Z7.210.3227.0	50	VIX 4 D 1/2 dila D2	, L, opaoing ommi	, corour mic
IVB WK 4/DEU-12	Z7.271.1227.0	10	9215-6	Z7.210.3427.0	50	Test socket	05.508.8921.0	10
	27.27.11227.0		9215 M-70	Z7.210.3027.0	10	1000 000000	00.000.0021.0	
WK 4 F/II Snac	ing 6mm, Screw M	3		ing 6mm, Screw M3		WK 4 E/U, Spacing	6mm Screw M3	
	insulated for upper tie			insulated for upper tier		TTR T E/O/ Opaomig	, chini, colon inc	
IVB WK 4E/U-2	Z7.271.2227.0	10	9215-2	Z7.210.3227.0	50	Select. connecting link	Z7.269.2923.0	50
IVB WK 4E/U-12	Z7.271.3227.0	10	9215-6	Z7.210.3427.0	50	Test socket	05.508.8921.0	10
	27.271.0227.0	10	9215 M-70	Z7.210.3027.0	10		55.555.5521.0	10
WK 4 F/II Spac	ing 6mm, 1mm thic	k		ing 6mm, 1mm thick				
•	ulated for lower tier w			ulated for lower tier with				
IVB WK 4E-2	Z7.255.2227.0	10	VB WK 4E-2	07.255.2227.0	10			
IVB WK 4E-12	Z7.255.3227.0	10	VB WK 4E-12	07.255.3227.0	10			
	ulated for lower tier wit			ulated for lower tier with				
IVBS WK 4E-2	Z7.256.4227.0	10	VBS WK 4E-2	07.256.4227.0	10			
		10			10			
IVBS WK 4E-12	Z7.256.5227.0	10	VBS WK 4E-12	07.256.5227.0	10			









cross connector type AD VB ...



### **Cover for cross connector**

over 10 blocks

Version E and "blank" without opening Version P with opening for test pin

### Cover strip with warning symbol

over 4 blocks

### Partition plate with marking facility for cross connector

Single cover with marking facility for

type TS ...

version P with op	ening for test pin		over 4 blocks			туре 15		
Туре		td. Pack	Туре		Std. Pack	Туре	Part No.	Std. Pack
WK 2,5/U, Spaci	ng 5mm		WK 2,5/U, Spa	acing 5mm		WK 2,5/U, Space	ing 5mm	
AD VB 5/10 E GELB	04.342.0556.8	10	AD 5/4 GELB	04.343.4756.8	10	AD VB 2,5 GELB	04.326.2053.8	10
AD VB 5/10 P GELB	04.342.3556.8	10				TS 2,5 GELB	07.311.2053.8	10
WKN 2,5 E/U, Sp	aging 5 mm		WKN 2 5 E/II	Spacing 5mm		WKN 2,5 E/U, S	nacing 5mm	
		10		• •	10		04.326.2053.8	10
AD VB 5/10 E GELB	04.342.0556.8		AD 5/4 GELB	04.343.4756.8	10	AD VB 2,5 GELB		
AD VB 5/10 P GELB	04.342.3556.8	10				TS 2,5 GELB	07.311.2053.8	10
WK 4/U, Spacing	g 6mm		WK 4/U, Spac	ing 6mm		WK 4/U, Spacin	ıg 6mm	
AD VB 6/10 GELB	04.342.0656.8	10	AD 6/4 GELB	04.343.4856.8	10	AD VB 4 GELB	04.326.2153.8	10
AD VB 6/10 P GELB	04.342.3656.8	10				TS 4 GELB	07.311.2153.8	10
WK 4 D1/2 and <b>D</b>	D2/2, Spacing 6m	m				WK 4 D1/2 and	D2/2, Spacing 6r	nm
AD VB 6/10 GELB	04.342.0656.8	10				AD VB 4 GELB	04.326.2153.8	10
AD VB 6/10 P GELB	04.342.3656.8	10				TS 4/15 GELB	07.311.2953.8	10
WK 4 D/E/U, Spa						WK 4 D/E/U, Sp		
AD VB 6/10 GELB	04.342.0656.8	10				AD VB 4 GELB	04.326.2153.8	10
AD VB 6/10 P GELB	04.342.3656.8	10				TS 4/15 GELB	07.311.2953.8	10
WK 4 E/U, Spaci	ng 6mm					WK 4 E/U, Space	ing 6mm	
AD VB 6/10 E GELB	04.342.2656.8	10				AD VB 4/15 GELB	04.326.2953.8	10
AD VB 6/10 EP GELB	04.342.5656.8	10						

### Accessories for DIN rail terminal blocks with screw connection









Test plug Short-circuit plug Test Sockets

Test adapter with solder connection,

**Test adapter** for WK 4

250 V/2 A				can be snapped on modularly		for WK 4				
	Part No.	Std. Pack		Part No.	Std. Pack		Part No.	Std. Pack		
WK 2,5 and W	KN 2,5, Spacin	g 5mm,	WK 2,5, Spacing	g 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	6mm, Screw M3	3	WK 4 , Spaci	ng 6mm		WK 4/U, Spacing 6	6mm			
Test plug ST 2/2,3 RT	Z5.553.2921.0	10	Test adapter for V	VK 4, 230 V/2 A		Test adapter for WK	4, 10-250 V/10 m	A - 3.5A		
Test plug ST 2/2,3 SW	Z5.553.2921.1	50	with locking	Z1.299.6153	.0 10	1 pole, without cont. pin	Z1.299.9253.0	10		
Test plug ST 2/2,3 BL	Z5.553.2921.6	100	without locking	Z1.299.8153	.0 10	1 pole, snap-on	Z1.299.9453.0	10		
Short-circuit plug	Z5.553.9400.0	100	Test adapter for V	VK 4 E, 230 V/5 A		10 pole with locking	device and strai	n relief		
Test socket for WK 4	05.509.8921.0	10	with locking	Z1.299.9053	.0 10	PST10-WK4	Z1.299.9553.0	10		
Test socket for WK 4 E	05.509.8821.0	10	Contact pin	05.549.1200	.0 1	Contact pin	05.549.1200.0	1		
WK 6, Spacing 8r	nm, 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	10mm, Screw M	3,5								
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 M	5								
Test plug ST 2/4 SW	Z5.553.3021.0	10								
Test socket for WK 10	05.509.3121.0	10								
WKN 35, Spacing	16mm, Screw M	6								
Test plug ST 2/4 SW	Z5.553.3021.0	10								
Test socket for WK 10	05.509.3121.0	10								







### Screwdriver

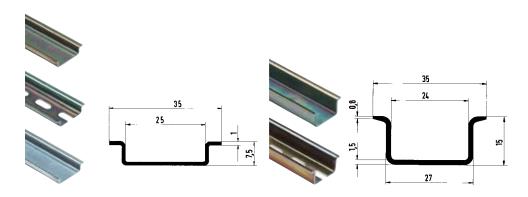
#### **Tightening torques** as per EN 60947-1 for **selos** DIN rail blocks

- II Screws which are tightened with a screwdriver
- III Screws which are tightened with a tool other than a screwdriver

Rapid mount	ing tool		as tool to be use			III Screws which are tightened with a tool other than a screwdriver				
•	Part No.	Std. Pack	Type	Part No.	Std. Pack			Ш	III	
WK 2,5, Spacing	5mm		WK 2,5, Spacing	g 5 mm		WK 2,5, Spacing 5mm				
Rapid mounting tool	05.594.5853.0	10	Design: uninsulat	ed, long and straig	ht	Screw for clamping body M2,5*	Nm	0,4	10,	
· · · · · · · · · · · · · · · · · · ·			DIN 5264 B 0,6x3,5	06.502.4000.0	10	Screw for cross connector M2,5*	Nm	0,4	0,	
			Design: uninsulat	ed, short and straig	ıht.				+	
			DIN 5264 B 0,6x3,5	06.502.4000.0					+	
WK 4 , Spacing	n 6mm		WK 4 , Spaci		10	WK 4 , Spacing 6mm			+	
for WK 4/U	y 0111111			ed, long and straig	ht	Screw for clamping body M3*	Nm	0,5	0	
Rapid mounting tool	05.594.5953.0	10	DIN 5264 B 0,6x3,5	06.502.4000.0		Screw for cross connector M3*	Nm	0,5	-	
napiu ilioulitiliy tool	05.594.5955.0	10	DIN 3204 B 0,0x3,3	00.502.4000.0	10	Sciew for cross connector ivis	INIII	0,5	10,	
for WK 4 E/U			Design: uninsulat	ed, short and straig	jht				+	
Rapid mounting tool	05.594.8153.0	10	DIN 5264 B 0,6x3,5	06.502.4000.0	10					
WK 6, Spacing 8ı	mm		WK 6, Spacing 8	3mm		WK 6, Spacing 8mm			+	
Rapid mounting tool	05.594.6053.0	10		ed, long and straig	ht	Screw for clamping body M4*	Nm	1,2	1,	
			DIN 5264 B 0,8x4	06.502.4100.0		Screw for cross connector M3.5*	Nm	0,8	-	
			WKN 10, Spacir	na 10 mm		WKN 10, Spacing 10mm			_	
			ed, long and straig	ht	Screw for clamping body M5*	Nm	2,0	2		
		DIN 5264 B 1x5,5	06.502.4200.0		Screw for cross connector M3.5*	Nm		_		
			WKN 16, Spacir		10	WKN 16, Spacing 12mm		0.5	_	
			DIN 5264 B 1x5,5	06.502.4200.0	10	Screw for clamping body M6*	Nm	· ·	_	
						Screw for cross connector M4*	Nm	1,2	1,	
						WKN 35, Spacing 16mm			+	
						Screw for clamping body M6*	Nm	2,5	3	
						Screw for cross connector M5*	Nm	2,0	2	
						WKN 70, Spacing 24mm			+	
						Screw for clamping body M8*	Nm	3,5	6,	
						Screw for cross connector M6*	Nm	2,5	3	
						WKN 150, Spacing 28mm			+	
						Screw for clamping body M10*	Nm	4,0	10	
						Screw for cross connector M8*	Nm	3,5	6,	
									-	
									F	
						*See also AT catalog, chapter on <b>fac</b>	   <b>ts</b> & DA1	ГА		
ubject to change withou	ut further notice		1			• wie	land		6	

### Accessories for DIN rail terminal blocks with screw connection

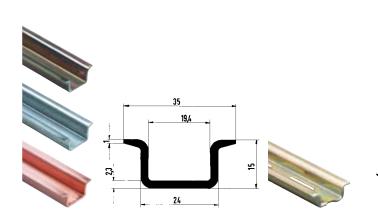


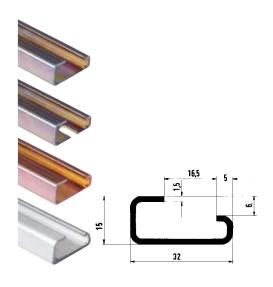


### Mounting rail 35x7,5 according to DIN EN 60715

### Mounting rail 35 x 15 according to DIN EN 60 715

		according to	DIN EN OU	15	according to	DIN EN 007	15
		Туре	Part No.	Std. Pack	Туре	Part No.	Std. Pack
ed unslotted	L=2m	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
ed 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
ed slotted	L = 1  m				35 x 27 x 15 EN 60715	98.375.1000.0	1
unslotted	L=2 m	35 x 27 x 7,5 EN 60715	98.300.0010.0	1			
slotted	L=2 m						
unslotted	L=2 m						
slotted	L=2m						
slotted	L=2m				35 x 27 x 15 EN 60715	98.370.1001.0	1
unslotted	L=2 m						
slotted	L=2m						
unslotted	L = 2 m						
nting materia	I	9018 D	75 516 2511 O	50	9018 D	75 516 2511 0	50
nting materia	I	9018 H	Z5.516.2711.0	50	9018 H	Z5.516.2711.0	50
- 15 - 15 - 15 - 15 - 15 - 15 - 15 - 15							
nting materia	I	9018 N	Z5.516.2811.0	50	9018 N	Z5.516.2811.0	50
r	d slotted d slotted unslotted slotted unslotted slotted unslotted slotted unslotted unslotted unslotted unslotted	d slotted	Type	Type	d unslotted	Type	Type





### Mounting rail 35 x 15 according to DIN EN 60 715

### Mounting rail 15 x 5,5 according to DIN EN 60 715

Mounting rail 32x15 according to DIN EN 60715

according to L	III LIV OO /	13	according to DIN EN 60715		according to DIN EN 60715			
Туре	Part No.	Std. Pack	Туре	Part No.	Std. Pack	Туре	Part No.	Std. Pack
35 x 24 x 15 EN 60715	98.360.0000.0	1	9021 / 15 x 5,5 EN 60715	98.090.0015.0	10	9006 EN 60715 G-32	98.190.0000.0	1
			9021 / 15 x 5,5 EN 60715		1	9006 EN 60715 G-32	98.190.1000.0	1
35 x 24 x 15 EN 60715 ZN	98.360.0004.0	1						
35 x 24 x 15 EN 60715 CU	98.380.0000.0	10				9006 E-CU	98.220.0000.0	10
						9006 AL	98.210.0000.0	1
9018 D	Z5.516.2511.0	50				9018 D	Z5.516.2511.0	50
9018 H	Z5.516.2711.0	50				9018 H	Z5.516.2711.0	50
9018 N	Z5.516.2811.0	50				9018 N	Z5.516.2811.0	50

### Accessories for DIN rail terminal blocks with screw connection

### selos





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

End clamp for TS 35 no-screw mounting

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







### End clamp for TS 35 screw mounting

### End clamp for TS 15 screw mounting

End clamp with U-foot screw mounting

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

## Configuration and marking systems for DIN rail terminal blocks SCIOS







### Configuration software *wieplan*

### Marking computer marcom 2

### Marking software wiemarc

Type	Part No. Std. Pack	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
wieplan CD	95.502.1000.0 1	marcom 2	95.502.0000.0	1	wiemarc CD	95.502.0501.	0 1
Contents:		Contents:			Contents:		
CD with cover		Marking computer in	case		CD with cover		
		European power sup	ply unit				
		Power Pack					
		Data cassette with jo	b memory				
		Marking tag carrier					
		Plotter pen 0.25 mm					
		Cleaning set					
Description:		Description:			Description:		
<b>wieplan</b> is a so	oftware used to configure, document	<b>marcom 2</b> is a free	ly programmable	marking	<b>wiemarc</b> is a	Windows® based p	lotter software for
and order DIN ra	ail terminal block assemblies. The	computer for DIN rail	terminal blocks,	pluggable	customized ma	rking using the <b>wie</b>	<b>plot</b> 500 plotter
intuitive user int	erface makes working with <b>wieplan</b>	connectors, switchin	g devices and cab	les. The	system.		
as easy as child	's play.	computer provides of	f a large number o	of fonts, with	Both the Wielar	nd standard marking	system and
		numerical and alphar	numerical characte	ers and symbols.	marking tags ar	nd labels of other su	opliers can be
<b>wieplan</b> enabl	es data exchange through	marcom 2 is porta	ble and can be us	ed at any	marked easily.	The <b>wiemarc</b> softv	vare version 4.0
CAE systems:		location; it can be op	erated either usin	g the mains or	provides the op	tion of connecting to	the <b>wieplot</b> 500 E
– EPLAN 5		batteries.			UNIT engraving	system.	
- EPLAN Electric	c P8						
System requir		Technical data:			System requi		
	compatible, min. 200 MHz	Operator panel:	190 mm x 45 mi	m		r compatible, min. 2	00 MHz
64 Mbyte RAM		Resolution:	0.01 mm		64 Mbyte RAM		
CD-ROM drive		Power supply unit:	50/60 Hz, 100 -	230 V	CD-ROM drive		
VGA graphics ac	dapter and monitor	Output voltage:	9.5V (150 mV/1	.4VA)	VGA graphics a	dapter and monitor	
			14V (450 mA/6				
wieplan suppo		Replaceable battery:	16.8V (14 NiCd	cells)	wiemarc sup		
– Windows 98®		Dimensions:	380 mm x 190 n	nm x 63 mm	– Windows 98 <sup>©</sup>		
– Windows 200	0.8	Weight:	6.2 kg		– Windows 200	0 ®	
– Windows NT®					- Windows NT		
– Windows ME					– Windows ME	⊗	
– Windows XP®					– Windows XP	B	
see page 8					see page 9		







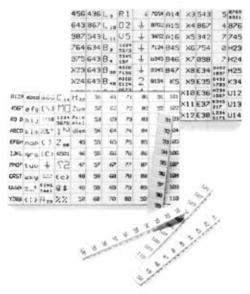
### Plotter system wieplot 500

### Ink kit for wieplot 500

### Engraving unit for wieplot 500

					_		
Туре	Part No. Std. Pack	Туре	Part No.	Std. Pack	Type	Part No.	Std. Pack
Complete package	95.502.0604.0 1	Ink Kit	95.502.0610.0	1	wieplot 500 E-UNIT	95.502.0700.0	1
Contents:		Contents:			Contents:		
			vitle introduction				
Plotter <b>wieplot</b> 500	1	Plotter pen 0,25 mm v		<del>)</del>	Engraving spindle	:+l- f	! \
Data cable and manu	·	Permanent Plotter pe	n u.amm		Engraving head (wi		er bearing)
4 receptacles for WS	PR*	Cleaning set			Control unit wiep!		
Accessories kit					Vacuum cleaner w	replot VC 500	
Software <b>wiemarc</b>		Plotter pens for wi		me:	Connection cables		
		Plotter pen 0.18 mm	95.502.0118.0				
		Plotter pen 0.25 mm	95.502.0125.0				
		Plotter pen 0.35 mm	95.502.0135.0				
Description:		Plotter pen 0.50 mm	95.502.0150.0		Description:		
· · · · · · · · · · · · · · · · · · ·	can create customized marking	Plotter pen 0.70 mm	95.502.0170.0		The <b>wieplot</b> 500 E-0		
,	se can then be output on the	Plotter pen 1.00 mm	95.502.0100.0		designed for use w		•
wieplot 500 plotter s	system to various marking plates.	Perm. pl. pen 0.30 mm	95.502.0230.0		system is set up for		, ,
		Perm. pl. pen 0.70 mm	95.502.0270.0		The Plotboard A4 in	n a 297 x 202 mm fo	ormat is the
* WSB (= Wieland st	andard marking system)	Dispos. pl. pen 0.25 mm	95.502.0125.1		receptacle for mark	king paper sheets a	nd labels and
		Dispos.pl. pen 0.35 mm	95.502.0135.1		also enables engra	ving of plastic boar	ds.
		Hand pens 0.25 mm	95.502.0425.0				
		Hand pens 0.35 mm	95.502.0435.0				
		Hand pens 0.50 mm	95.502.0450.0				
		Hand pens 0.70 mm	95.502.0470.0				
Technical data:		Accessories:			Accessories:		
Resolution:	0.01 mm	Ink cartridge P1.0, 5 x1ml	95.502.0199.0		Graving tool SET, compl	ete 95.502.0710.0	
Accuracy:	+/- 0.05 mm	Cleaning set	95.502.0198.0		Graving tool 0.2 mm	95.502.0710.2	
Power supply unit:	50/60 Hz, 100 - 240 V	Pen cleaner	95.502.0197.0		Graving tool 0.3 mm	95.502.0710.3	
Output voltage:	24VDC 1.4A	Dust protection hood	95.502.0612.0		Graving tool 0.4 mm	95.502.0710.4	
Current input:	app. 0,3 A at 220 V	Service kit – pen station	95.502.0613.0		Graving tool 0.5 mm	95.502.0710.5	
Approval:	UL-UL1950	Seal inserts kit			Graving tool 0.7 mm	95.502.0710.7	
11	CSA 950				Graving tool 1.0 mm	95.502.0711.0	
	VDE EN 60950	Receptacles (Rec.) fo	or Wieland mark	ing plates			
Radio interf. suppr.:	FCC class B	Receptacle for WSB	95.502.0620.0	3 p	Receptacle:		
	FCC sect. 15 and VDE class B	Rec. for BZ/WKF 15,	95.502.0627.0		Plotboard A4	95.502.0625.0	
Dimensions:	660 mm x 440 mm x 125 mm	Rec. for BZ/WKF 1,5/10	95.502.0628.0				
51.10.10.101		-	11.002.0020.0				
Weight:	8 ka	Available on request:					
Weight: Interfaces:	8 kg USB Level 1.1, parallel	Available on request:  Receptacles for marki	ing systems from	competition			

## 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

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

Туре	Part No.	Std. Pack	Туре	Part No.	Std. Pack	Type	Part No.	Std. Pack		
Marking plate, uni	marked		Single marking tag	g, unmarked		Marking strips, un	Marking strips, unmarked			
<b>Width 5</b> x 8.3 mm	11	10 tags per plate	<b>Width</b> 5 x <b>8.3</b> mm			9705 A/5/10	04.242.5053.0	25		
9075 A/5/10/11	Z4.242.5053.0	10	9705 A	04.242.0850.0	500					
						Marking strips, ma	ırked			
Width 5 x 14 mm	6	60 tags per plate	Width 5 x 14 mm			9705A/5/9 B 1 - 9	04.842.4953.0	25		
9705 AL/5/10/6	Z4.242.5153.0	10	9705 AL	04.242.1553.0	500	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		
Marking plate, unr	narked		Single marking tag	g, marked		9705A/5/10 B 21 - 30	04.845.0353.0	25		
<b>Width 6</b> x 8.3 mm	11	10 tags per plate	<b>Width</b> 5 x <b>8.3</b> mm			9705A/5/10 B 31 - 40	04.845.0453.0	25		
9075 A/6/10/11	Z4.242.6053.0	10	9705 AB*	04.842.0850.0	500	9705A/5/10 B 41 - 50	04.845.0553.0	25		
						9705A/5/10 B 51 - 60	04.845.0653.0	25		
Width 6 x 14 mm	6	60 tags per plate	Width 5 x 14 mm			9705A/5/10 B 61 - 70	04.845.0753.0	25		
9705 AL/6/10/6	Z4.242.6153.0	10	9705 ALB*	04.842.1553.0	500	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		
Marking plate, unr	narked									
<b>Width 8</b> x 8.3 mm	7	70 tags per plate				9705A/5/10B SLZ	04.855.0053.0	25		
9075 A/8/10/7	Z4.242.8053.0	10				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 mar	king area			
						9705 AL/5/10	04.242.5153.0	25		
						* Custom marking up	on request			









4mm²/6mm wide

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

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

Type	Part No.	Std. Pack	Туре	Part No.	Std. Pack	Туре	Part No.	Std. Pack
Marking strips, uni	narked		Marking strips, uni	marked				
9705 A/6/10	04.242.6053.0	25	9705 A/8/10	04.242.8053.0	25	10 mm²/10 r	nm Baubreit	te
Marking strips, ma	rked		Marking strips, ma	rked		for 5 blocks		
9705A/6/9 B 1 - 9	04.842.5953.0	25	9705A/8/9 B 1 - 9	04.842.7953.0	25	9705 A/5/10/5 B	04.842.5553.0	25
9705A/6/10 B *	04.842.6053.0	25	9705A/8/10 B *	04.842.8053.0	25			
9705A/6/10 B 1 - 10	04.846.0153.0	25	9705A/8/10 B 1 - 10	04.848.0153.0	25			
9705A/6/10 B 11 - 20	04.846.0253.0	25	9705A/8/10 B 11 - 20	04.848.0253.0	25			
9705A/6/10 B 21 - 30	04.846.0353.0	25	9705A/8/10 B 21 - 30	04.848.0353.0	25	_		
9705A/6/10 B 31 - 40	04.846.0453.0	25	9705A/8/10 B 31 - 40	04.848.0453.0	25	16 mm²/12 r	nm wide	
9705A/6/10 B 41 - 50	04.846.0553.0	25	9705A/8/10 B 41 - 50	04.848.0553.0	25			
9705A/6/10 B 51 - 60	04.846.0653.0	25	9705A/8/10 B 51 - 60	04.848.0653.0	25	for 5 blocks		
9705A/6/10 B 61 - 70	04.846.0753.0	25	9705A/8/10 B 61 - 70	04.848.0753.0	25	9705 A/6/10/5 B	04.842.6553.0	25
9705A/6/10 B 71 - 80	04.846.0853.0	25	9705A/8/10 B 71 - 80	04.848.0853.0	25			
9705A/6/10 B 81 - 90	04.846.0953.0	25	9705A/8/10 B 81 - 90	04.848.0953.0	25			
9705A/6/10 B 91 - 100	04.846.1053.0	25	9705A/8/10 B 91 - 100	04.848.1053.0	25			
9705A/6/10 B SLZ	04.856.0053.0	25	9705A/8/10 B SLZ	04.858.0053.0	25	35 mm²/16 r	nm wide	
9705A/6/10 B ERDZ	04.856.0153.0	25	9705A/8/10 B ERDZ	04.858.0153.0	25			
9705A/6/10 B +	04.856.0253.0	25	9705A/8/10 B +	04.858.0253.0	25	for 5 blocks		
9705A/6/10 B -	04.856.0353.0	25	9705A/8/10 B -	04.858.0353.0	25	9705 A/8/10/5 B	04.842.8553.0	25
9705A/6/10 B L1	04.856.0453.0	25	9705A/8/10 B L1	04.858.0453.0	25			
9705A/6/10 B L2	04.856.0553.0	25	9705A/8/10 B L2	04.858.0553.0	25			
9705A/6/10 B L3	04.856.0653.0	25	9705A/8/10 B L3	04.858.0653.0	25			
9705A/6/10 B PE	04.856.0753.0	25	9705A/8/10 B PE	04.858.0753.0	25			
9705A/6/10 B SL	04.856.3153.0	25	9705A/8/10 B SL	04.858.3153.0	25	70 mm²/24 r	nm wide	
9705A/6/10 B N	04.856.3253.0	25	9705A/8/10 B N	04.858.3253.0	25			
9705A/6/10 B F1	04.856.0953.0	25	9705A/8/10 B F1	04.858.0953.0	25	for 4 blocks		
9705A/6/10 B F2	04.856.1053.0	25	9705A/8/10 B F2	04.858.1053.0	25	9705 A/8/10/5 B	04.842.8553.0	25
9705A/6/10 B L1L2L3NPE	04.856.0853.0	25	9705A/8/10 B L1L2L3NPE	04.858.0853.0	25			
with enlarged mark	king area							
9705 AL/6/10	04.242.6353.0	25						
* Custom marking up	on request		* Custom marking up	on request				

## Marking accessories for DIN rail terminal blocks **SCIOS**







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

### **Tear-off marking strips**

with 10 marking tags For single symbol marking

### **Tear-off marking strips** with 10 marking tags

For single symbol marking

For single s	symbol	marking		For single s	ymbo	l marking		For single s	ymbol	marking		
Туре		Part No.	Std. Pack	Type		Part No.	Std. Pack	Type			Std. Pack	
Tear-off m	arking	strips, unmarke	t	Tear-off ma	arking	strips		Tear-off ma	rking	strips		
9704 A		04.241.1150.0	25	marked wit	th the	same upper case	eletters	marked wit	marked with the same lower case letters			
				9704 A /AG B	Α	04.841.2250.0	25	9704 A /AK B	а	04.841.4850.0	25	
Tear-off m	arking	strips		9704 A /BG B	В	04.841.2350.0	25	9704 A /BK B	b	04.841.4950.0	25	
marked wi	ith the	same number		9704 A /CG B	С	04.841.2450.0	25	9704 A /CK B	С	04.841.5050.0	25	
9704 A/1 B	1	04.841.1150.0	25	9704 A /DG B	D	04.841.2550.0	25	9704 A /DK B	d	04.841.5150.0	25	
9704 A/2 B	2	04.841.1250.0	25	9704 A /EG B	Е	04.841.2650.0	25	9704 A /EK B	е	04.841.5250.0	25	
9704 A/3 B	3	04.841.1350.0	25	9704 A /FG B	F	04.841.2750.0	25	9704 A /FK B	f	04.841.5350.0	25	
9704 A/4 B	4	04.841.1450.0	25	9704 A /GG B	G	04.841.2850.0	25	9704 A /GK B	g	04.841.5450.0	25	
9704 A/5 B	5	04.841.1550.0	25	9704 A /HG B	Н	04.841.2950.0	25	9704 A /HK B	h	04.841.5550.0	25	
9704 A/6 B	6	04.841.1650.0	25	9704 A /IG B	I	04.841.3050.0	25	9704 A /IK B	i	04.841.5650.0	25	
9704 A/7 B	7	04.841.1750.0	25	9704 A /JG B	J	04.841.3150.0	25	9704 A /JK B	j	04.841.5750.0	25	
9704 A/8 B	8	04.841.1850.0	25	9704 A /KG B	K	04.841.3250.0	25	9704 A /KK B	k	04.841.5850.0	25	
9704 A/9 B	9	04.841.1950.0	25	9704 A /LG B	L	04.841.3350.0	25	9704 A /JK B	1	04.841.5950.0	25	
9704 A/0 B	0	04.841.2050.0	25	9704 A /MG B	М	04.841.3450.0	25	9704 A /MK B	m	04.841.6050.0	25	
				9704 A /NG B	Ν	04.841.3550.0	25	9704 A /NK B	n	04.841.6150.0	25	
Tear-off m	arking	strips		9704 A /OG B	0	04.841.3650.0	25	9704 A /OK B	0	04.841.6250.0	25	
marked wi	ith cons	secutive number	s	9704 A /PG B	Р	04.841.3750.0	25	9704 A /PK B	р	04.841.6350.0	25	
9704 A/1-0 B	1-0	04.841.2150.0	25	9704 A /QG B	Q	04.841.3850.0	25	9704 A /QK B	q	04.841.6450.0	25	
				9704 A /RG B	R	04.841.3950.0	25	9704 A /RK B	r	04.841.6550.0	25	
Tear-off m	arking	strips		9704 A /SG B	S	04.841.4050.0	25	9704 A /SK B	S	04.841.6650.0	25	
marked wi	ith the	same symbols		9704 A /TG B	Т	04.841.4150.0	25	9704 A /TK B	t	04.841.6750.0	25	
9704 A/+	+	04.841.7450.0	25	9704 A /UG B	U	04.841.4250.0	25	9704 A /UK B	u	04.841.6850.0	25	
9704 A/-	-	04.841.7550.0	25	9704 A /VG B	V	04.841.4350.0	25	9704 A /VK B	V	04.841.6950.0	25	
9704 A//	/	04.841.7650.0	25	9704 A /WG B	W	04.841.4450.0	25	9704 A /WK B	W	04.841.7050.0	25	
9704 A/.		04.841.7750.0	25	9704 A /XG B	Χ	04.841.4550.0	25	9704 A /XK B	X	04.841.7150.0	25	
				9704 A /YG B	Υ	04.841.4650.0	25	9704 A /YK B	У	04.841.7250.0	25	
				9704 A /ZG B	Z	04.841.4750.0	25	9704 A /ZK B	Z	04.841.7350.0	25	
Set of tear	-off ma	arking tags		Set of tear-	off m	arking tags		Set of tear-	off ma	arking tags		
marked wi	ith sam	e numbers		marked wit	th san	ne upper case let	ters	marked wit	h sam	e lower case lette	ers	
= 10 x 25 st	rips = 2	.500 numbers		= 26 x 25 st	rips =	6.500 numbers		= 26 x 25 str	ips = 6	.500 numbers		
111 up to 000		04.841.9050.0	1	A up to Z GB		04.841.9150.0	1	A up to Z KB		04.841.9250.0	1	











### Assortment box

For marking materials

### Marking tag carrier

For all blocks

### **Partition**

with marking facilities

For marking	naterials		For all blocks	i		with marking facili	ties	
Type	Part No.	Std. Pack	Туре	Part No.	Std. Pack	Туре	Part No.	Std. Pack
Assortment	t box for 5 mm width		Marking tag	carrier, 4 digits		Partition with carr	ier for marking	tags
S0 1/5	04.900.2053.0	1	9705 A/4	04.242.0950.0	200	for TS 32 and TS 35	Z7.311.1755.0	10
						for TS 15	Z7.311.2755.0	10
Assortment f	or 5 mm width							
9705 A/5/10 B	1-100 04.855.1153.0	1	Marking tag	carrier, 6 digits		Partition with carr	rier for marking	cards
9705 A/5/10 B	101-200 04.855.1253.0	1	9705 A/6	04.242.1250.0	200	for TS32 and TS35	Z7.311.7055.0	10
Assortment	t box for 6 mm width		Marking tag	carrier, 45° angle		Accessories		
S0 1/6	04.900.3053.0	1	9705 A/4 W	04.242.2853.0	200	Marking card in perforate	nd chaate	100 tags/sheets
30 1/0	04.900.3033.0		3703 A/4 VV	04.242.2000.0	200	ivialking card in periorate	04.019.0289.0	100 tags/sileets
Assortment f	or 6 mm width						04.019.0269.0	10
9705 A/6/10 B	1-100 04.856.1153.0	1						
9705 A/6/10 B	101-200 04.856.1153.0	<u> </u> 1						
9700 A/0/10 B	101-200 041253.0	ı						
Assortment	t box for 8 mm width							
S0 1/8	04.900.4053.0	1						
Assortment f	or 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	t box for tear-off mark	ring tags						
with 50 digits		ang tago						
S0 1/0	04.900.1053.0	1						
	t box, empty							
S0 1	04.900.0000.0	1						

## Ferrules for DIN rail terminal blocks **SCIOS**

### Ferrules with insulating material sleeve

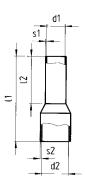
Materials:

Sleeve:

Polypropylene, temperature resistance 105°C, creepage resistant

Tube:

E-Cu, galvanically tin-plated



# s1 d2

### Ferrules without insulating material sleeve

Materials:

Tube:

E-Cu, galvanically tin-plated

Cross section mm <sup>2</sup>	Color	Type Part No.	Std. Pack	
Ferrules with insulating ma	terial 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 mm<sup>2</sup>

**Pressing tools**A: 0.08-10 mm<sup>2</sup>

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

		0.00 10111111		71110 20 7	0. 00 00111111		71110 2 170
		Туре	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	
Pressing tool C	Length: 203 mm				PW/C	95.101.1200.0	
0							

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

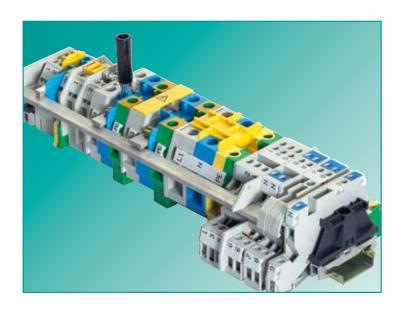
### **selos** BIT

#### "We at Wieland" know what you need!

For more than 90 years we have been your competent partner in the field of connection technology for your products. Close cooperation with our customers helps to create innovative products manufactured according to the highest quality

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

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



### **selos/fasis** bit

### fasis BIT-S Typ WKIS...

### fasis BIT Type WKF/WKIF...

### **selos** BIT Type WK/WKI...

### 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.

#### 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.

### DIN rail terminal blocks with tension spring connection

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

Due to its great product variety and a wire range between 0.5 mm<sup>2</sup> and 16 mm<sup>2</sup> the **fasis** BIT series enables many innovative solutions for various requirements.

#### DIN rail terminal blocks with screw connection

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

The user-friendly **selos** BIT series can be used universally in the wire range between 0.5 mm<sup>2</sup> and 50 mm<sup>2</sup>.