



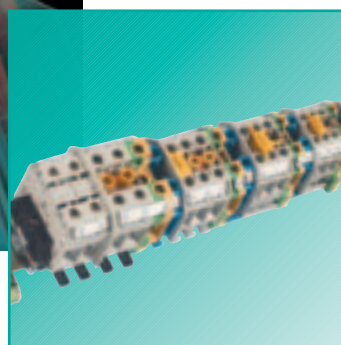
wieland

Elektrische
Verbindungen

selos

Modular terminals

with screw connection,
Type *WKN*



Modular terminals with screw connection, Type WKN

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Technical Information

- The information regarding the rated cross-section and connecting capacity relates to unprepared conductor ends without ferrules.
Ferrules are not required for secure connections.
- The rated voltages apply to the supplied state. If combinations of products are installed next to each other, the insulation clearances must be observed.
- If the earth terminals of the **selos** product range are not fixed in the terminal assemblies but are mounted on the rail as individual terminals, end clamps must be used.
- A detailed description of the technical data, standard requirements and application conditions can be found in the main catalogue under **facts & DATA**.

ATEX guideline

- The specifications EN 50014 and EN 50019 for increased safety apply when using modular terminals in hazardous areas. To align the legal regulations within the EU, the basic principle for harmonisation was created with the guideline 94/9/EG which is known generally as ATEX 100a. ATEX stands for "atmosphere explosive"; 100a is the corresponding clause of the EEC agreement.
- The guideline ATEX 100a applies to protection against dust and explosive gas atmospheres in all hazardous industrial areas as well as mining.
The testing and certification bodies named in the ATEX 100a guideline must be subject to the same accreditation procedure across Europe.
- These certification bodies issue prototype test certificates in agreement with EN 50014/50019 and ATEX 100a. These prototype test certificates of the components are prerequisites for the so-called ATEX approval together with the certification of the quality assurance system of the manufacturer.
- In connection with the -symbol, the markings on Wieland modular terminals have the following meanings:

	Identifier
II	Device group
2	Category
G D	Areas
KEMA	Name of certification body
ATEX...	Certificate, year of inspection, number

Installation instructions for EEx 'e' applications:

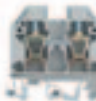
- If modular terminals are mounted either directly adjacent to modular terminals of a different size or next to earth terminals, the open side of a block of the same terminal type must be covered by a partition plate.
- For maintaining the required insulation distances, if neighbouring modular terminals are bridged by a jumper bar a partition plate must be placed between individual terminal groups or at the start and end of a cross connected terminal group.
- The terminals must only be used in cabinets that correspond to a protection code not less than IP54.

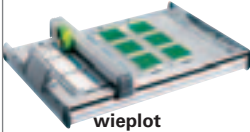
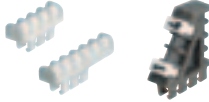
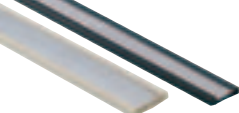
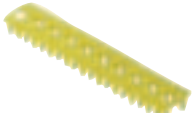
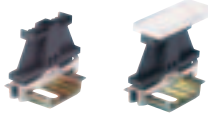
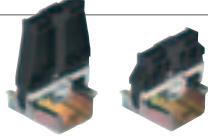
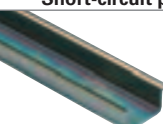
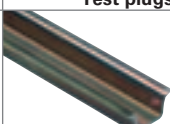
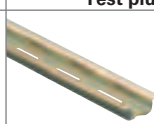
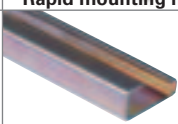
DQS certification for all product areas

- Quality standard in accordance with DIN ISO 9001 in development, production and installation
- Continuous control of the quality standard by means of regular internal and external quality audits
- Compatible with certificates of other countries:
 - BSI, Great Britain
 - SQS, Switzerland
 - Aib-Vincotte, Belgium
 - ÖQS, Austria

Modular terminals with screw connection, Type WKN

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Page 10/11		 WK 2,5	 WK 4	 WK 6	 WK 10
Page 12/13		 WKN 16	 WKN 35	 WKN 70	 WKN 150
Page 14/15	 WKN 4 ETK	 WKN 10 ETK	 WKN 16 ETK	 WAK 16/2	 WAK 35/2
Page 16/17	 WK 2,5 SL	 WK 4 SL	 WK 6 SL	 WKN 10 SL	 WKN 16 SL
Page 18/19	 WKN 35 SL	 WKN 70 SL	 9700 A/35 E S	 9700 A/70 E S	 Incoming supply set
Page 20/21	 WK 4/D/1/2	 WK 4/D/2/2	 WK 4/D E	 WK 4/D/2/2SL	
Page 22/23	 WK 4 E	 WK 4 E/VB	 WK 4 E/orange	 WK 4 E/rot	 WK 4 E SL
Page 24/25	 WK 2,5-4 KI	 WK 2,5-3 D	 WK 2,5-4 KI/SL	 WK 2,5-3 S/SL	
Page 26/27	 WK 4 TKG... THSI 5x20	 WK 4 TKG... THSI 6,3x32	 WK 4/TKM	 WK 4 TKG-TRST	 WK 4 TKS D
Page 28/29	 WK 4 TKG... SIST	 WK 4 TKG... DIST	 WK 4/TKM	 WK 4 TKG-TRST	 WK 4 TKS D
Page 30/31	 WK 4 THSI 5x20	 WK 4 THSI 6,3x32	 WK 10/SI	 WK 10/SI with indicator	 WK 10/SI D
Page 32/33	 WKM 2,5 F1/15	 WKM 2,5 F2/15	 WKM 2,5/15	 WKM 4/15	 WKM 4 SL/15

Page 34/35	 wieplan	 wiemarc	 wieplot	 marcom	
Page 36/37	 2,5 mm ² /5 mm wide	 4 mm ² /6 mm wide	 6 mm ² /8 mm wide	 10 mm ² /10 mm wide	 16 mm ² /12 mm wide 35 mm ² /16 mm wide
Page 38/39	 All terminal widths	 Marker tag holder	 Marking branch with 10 marker tags		
Page 40/41	 Marker tags	 Marking strips	 Marker tag	 Marker tag	 Marker tag
Page 42/43	 Angled support bracket			 Connecting combs, uninsulated	
Page 44/45	 Connecting combs, insulated				 Switchable connecting link
Page 46/47	 Jumper bars, insulated				
Page 48/49	 Jumper bars, uninsulated				
Page 50/51	 Single cover for jumper bar			 Insulation plate	 Partition plate
Page 52/53	 Cover for 10 terminals	 Cover for 10 terminals	 Cover strip + warning symbol		
Page 54/55	 End clamp for TS 35	 End clamp for TS 35	 End clamp for TS 35	 End clamp with U-foot	 End clamp for TS 15
Page 56/57	 Test plugs and Sockets	 Short-circuit plugs	 Test plugs	 Test plugs	 Rapid mounting handle
Page 58/59	 TS 35x7,5	 TS 35x15	 TS 35x15	 TS 15x15	 TS 32

Modular terminals with screw connection, Type WK/WKN

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WK/WKN offers...

❑ rising cage clamp connection

❑ dynamic clamping part

❑ single thread in shroud

❑ rated cross section
2.5 – 150 mm²

❑ wire range 0.5 – 185 mm²

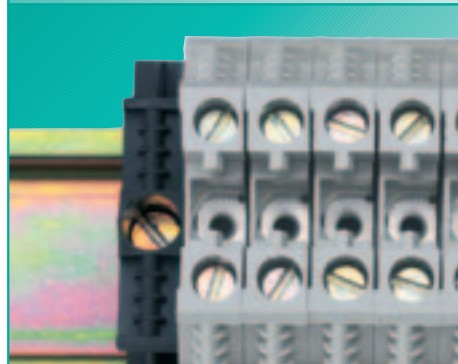
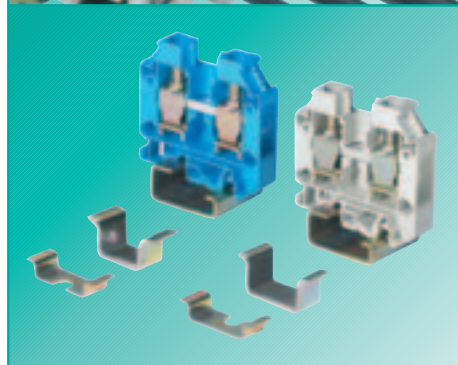
❑ universal foot for
– TS35 according to DIN 60715
– TS32 according to DIN 60715

❑ located in the centre of the rail

❑ enclosed screwdriver guides

❑ wire entry funnel

❑ the terminals are supplied with an open conductor compartment



Application benefits

→ low contact resistance and large contact area

→ optimum and stable contact forces

→ **vibration resistant** irrespective of the cross section with low maintenance requirement

→ **functional reliability** with no damage to the screw thread even after repeated loosening and tightening of the screws

→ single core, stranded and finely stranded conductors can be connected to WK/WKN modular terminals **without ferrules**

→ if ferrules are used, the rated cross section does not have to be reduced

→ grading and overlapping of the wire ranges enables an efficient selection of terminals

→ **installation** on all common types of mounting rail

→ functional reliability and safe installation due to asymmetric shape of the terminal foot. Incorrectly mounted terminals can be immediately detected and reinstalled

→ **safety during installation**

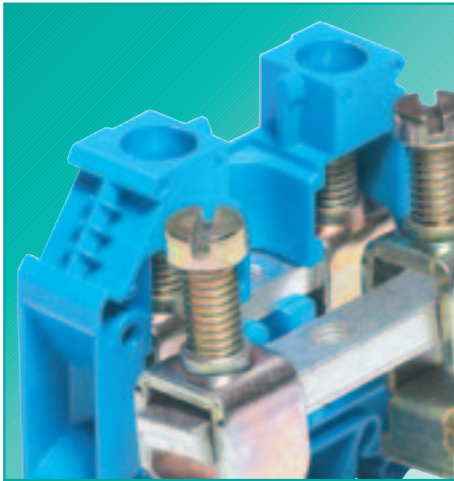
→ when pneumatic and electric screwdrivers are used, the screwdriver guide prevents the blade from slipping

→ **ease of operation** and **rapid connection**

→ stranded and finely stranded conductors can easily be inserted in the terminal even without ferrules

→ rapid and trouble free wiring

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☐ screw locking element

- **Captive** clamping screws in the insulating housing
- received in open position for immediate connection
- The terminal connection is additionally **secured** by the screw head being stopped by the insulation material
- When rotated anti-clockwise, the screws reach the neutral position without an end stop. This guarantees **safe installation** using pneumatic and electric screwdrivers

Materials

- ☐ special alloys and surface treatment
- ☐ low contact resistance
- ☐ high corrosion protection

Metal components:

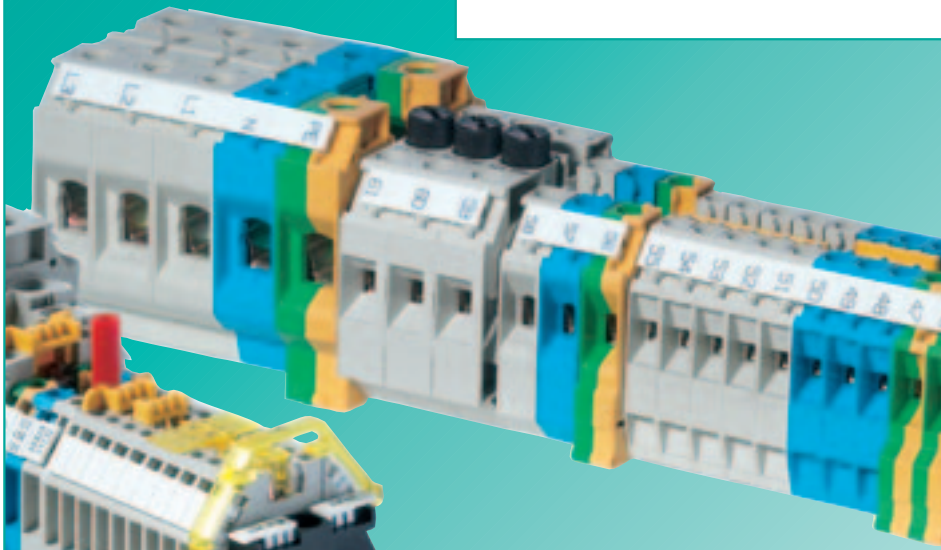
- ☐ Conductor rail: brass or copper
- ☐ Clamping parts and screws: galvanised and chromated steel

Insulating material:

- ☐ Use of polyamide 66/6 due to its excellent electrical, chemical and mechanical properties
- ☐ Material in accordance with US standard UL 94-V0
(see also master catalogue, **facts & DATA** section)

Accessories:

- ☐ Stamped components: uninsulated copper
- ☐ Spacer sleeves, test plugs and cross connections: brass, electroplated



DQS certification for all product areas

- ☐ Quality standard in accordance with DIN ISO 9001
- ☐ In development, production and installation
- ☐ Continued control of the quality standard by means of regular internal and external quality audits
- ☐ Compatible with certificates of other countries:
 - BSI, Great Britain
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 - Aib-Vincotte, Belgium
 - ÖQS, Austria

Various international approvals are available for modular terminals. They are indicated in detail on the corresponding product pages. The modular terminals of the WK/WKN series are approved for the increased-safety protection type EEx "e" in accordance with DIN EN 50019/VDE 0170/0171 part 6. No type test is required for the protection type EEx "i".

Note:

The information regarding the rated cross-section and connecting capacities relate to unprepared conductor ends without ferrules.

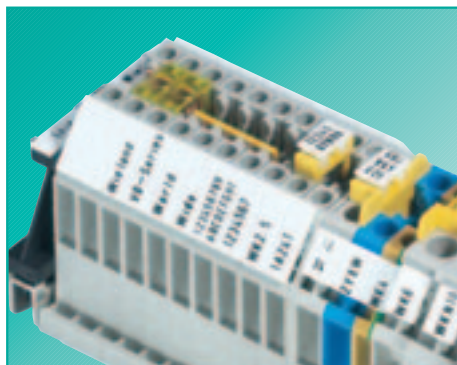
The rated voltages apply to the supplied state. If combinations of products are installed next to each other, it is important to ensure that the insulation clearances are observed. **Wieland** has a comprehensive range of accessories for this purpose.

A detailed description of the technical data, standard requirements and application conditions can be found in the master catalogue, **facts & DATA** section.



Modular terminals with screw connection, Type WK/WKN

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Marking facility

- ☐ single marker tag with correct terminal spacing
- ☐ marking strips (10 single tags) for snapping onto the terminal assembly
- ☐ tear-off strips enable 3-digit marking facility per terminal
- ☐ individual labelling on request



Cross connection

- ☐ equipotential distribution possible with jumper bars and/or connecting combs
- ☐ number of poles: 2 to 6; long strips which can be configured for any no. of poles
- ☐ Jumper bars have the full current carrying capacity for the rated current of the terminal
- ☐ **jumper bars** are mounted in the centre thread of the modular terminals
- ☐ they are preassembled for easy installation and the screws are secured against any accidental loosening
- ☐ end plates, partitions or partition plates must be used for jumper bars to maintain the rated voltage
- ☐ the installation of terminals with different potentials must be staggered



- ☐ number of poles: 2 to 12; higher pole configurations are possible using customised strips
- ☐ when using **connecting combs**, the comb and conductor are inserted in the terminal compartment
- ☐ the wire range possibilities are reduced by one level when connecting combs are used
- ☐ insulated jumper bars IVB WK... and insulated connecting combs IVK WK... are protected against accidental contact in accordance with BGV A2



Cover with warning symbol

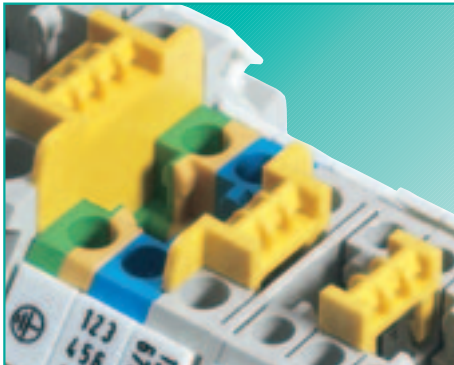
- ☐ for snapping onto terminals that remain live when the mains switch has been disconnected (VDE 0113)
- ☐ the cover can only be removed with a special tool



Insulation plates

- ☐ full rated voltage is maintained when using jumper bars
- ☐ can be retrofitted
- ☐ the insulation plates can only be removed with a special tool
- ☐ the cover of the jumper bar provides protection against accidental contact
- ☐ marking facility with Wieland standard labelling system

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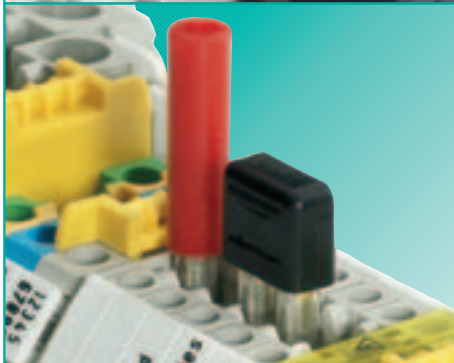
protection against accidental contact for jumper bars

In addition to insulation plates, uninsulated jumper bars can be protected against accidental contact using covers. They snap into position and can be labelled with the Wieland marking accessories.



switchable connecting links

- ☐ for easily separated 2 pole cross connections
- ☐ fixed in the centre thread of the modular terminal blocks



stud bolts test plug short-circuit plug

- ☐ test sockets for test plugs and short-circuit plugs are mounted in the centre thread of modular terminals
- ☐ test plug with locking lever can be snapped together in any pole configuration



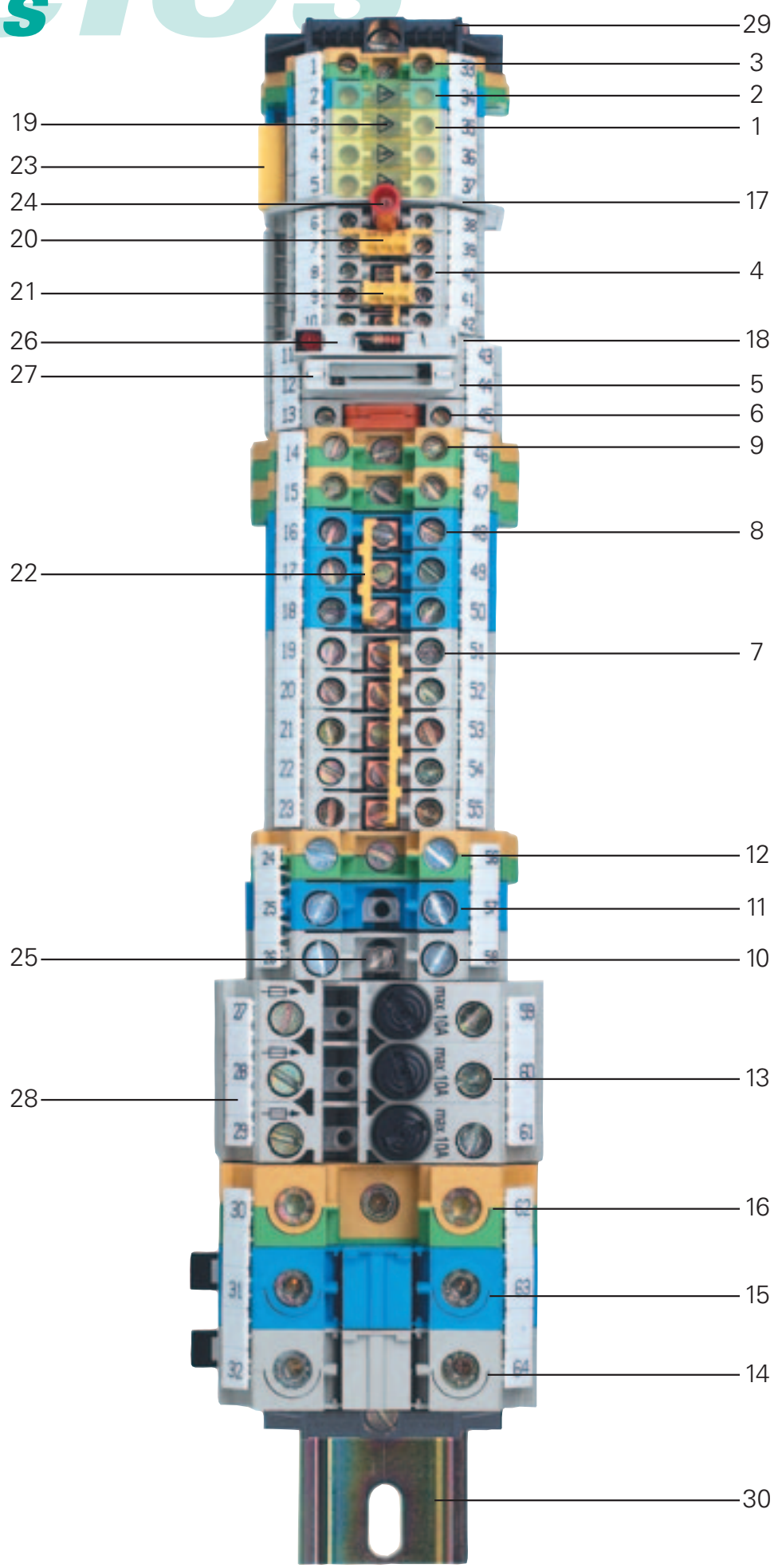
partition plates end plates

- ☐ partition plates are used for visual separation of individual terminal groups but are also required to maintain the creepage and clearance distances when jumper bars are mounted adjacent to each other
- ☐ for safety reasons, the partition plates are designed so that they can only be removed if the neighbouring modular terminal block has also been removed



Modular terminals with rising cage clamp connection,
Type WKN

selos

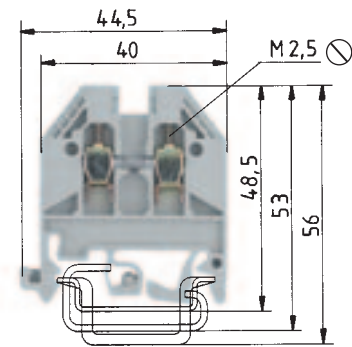


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Item	Description	Type	Part No.
1	Modular terminal	WK 4/U	57.504.0055.0
2	Modular terminal, blue	WK 4/U BLAU	57.504.0055.6
3	Earth terminal	WK 4 SL/U	57.504.9055.0
4	Modular terminal	WK 2,5/U	57.503.0055.0
5	Disconnect terminal	WK 4 TKG/U	57.504.4055.0
6	Disconnect terminal	WK 4 TKM/U	57.504.2055.0
7	Modular terminal	WK 6/U	57.506.0055.0
8	Modular terminal, blue	WK 6/U BLAU	57.506.0055.6
9	Earth terminal	WK 6 SL/U	57.506.9055.0
10	Modular terminal	WKN 10/U	57.510.0155.0
11	Modular terminal, blue	WKN 10/U BLAU	57.510.0155.6
12	Earth terminal	WKN 10 SL/U	57.510.9055.0
13	Fuse terminal	WK 10 SI/U 5x20	57.910.5055.0
14	Modular terminal	WKN 35/U	57.535.0155.0
15	Modular terminal, blue	WKN 35/U BLAU	57.535.0155.6
16	Earth terminal	WKN 35/U	57.535.9055.0
17	Partition plate	TW 2,5-4	07.311.1155.0
18	End plate	AP 2,5-4	07.311.0155.0
19	Cover with warning symbol for 4 terminals	AD VB 6/4 GELB	04.343.4856.8
20	Yellow insulated plate	TS 2,5 GELB	07.311.2053.8
21	Single cover for jumper bar with marking facility	AD VB 2,5 GELB	04.326.2053.8
22	Insulated jumper bar with screws	IVB WK 6-3	Z7.282.2327.0
23	Insulated connecting comb	IVB 0,5 WK 4-3	Z7.255.0327.0
24	Test plug	ST 2/2,3	Z5.553.2921.0
25	Stud bolt for test plug	9011B	05.508.3221.0
26	Fuse holder with indicator	SIST LED	Z1.299.4155.0
27	Diode plug, without contacts	DIST	Z1.299.3155.0
28	Marking strips	9705 A/8/10 B	04.842.0153.0
29	End clamp with U-foot	WE 1/U	Z5.523.5753.0
30	Mounting rail	35 x 27 x 7,5 slotted	98.300.0000.0

Modular terminals,
Type WK/ WKN

selos



0344 II 2GD
EEx ell
EN 60 947-7-1/DIN VDE 0611 T1
UL Data field/factory wiring
CSA Data
KEMA 02 ATEX 2114 U¹⁾ EN 50019/EN 50014
Overall width Insulation strip length
Approvals

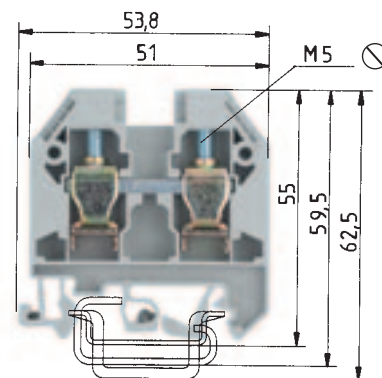
WK 2,5/U
finely stranded single core V A
0.5 – 2.5 mm² 0.5 – 4 mm² 800 V/8 kV/3 24
No. 22-12 AWG 600 V 20/30
No. 24-12 AWG 600 V 25
0.5 – 2.5 mm² 0.5 – 4 mm² 750 V 23
5 mm 9 mm

1) Installation instructions for EEx 'e' applications:

- if modular terminals are mounted either directly adjacent to modular terminals of a different size or next to earth terminals, the open side of a block of the same terminal type must be covered by an end plate or partition plate.
- if neighbouring modular terminals are bridged by a jumper bar, the required insulation distances must be maintained between individual terminal groups or an insulation plate (without loss of spacing) an end plate or partition plate must be placed at the start and end of a cross connected terminal group.

		Type	Part No.	Box Qty
Modular terminal	colour: grey	WK 2,5/U	57.503.0055.0	100
Modular terminal EEx i	colour: blue	WK 2,5/U BLAU	57.503.0055.6	100
Accessories				
1. Mounting rail 35, DIN rail 7.5 mm high	L = 2 m	35 x 27 x 7,5 EN 50022	98.300.0000.0	1
Mounting rail 35, DIN rail 15 mm high	L = 2 m	35 x 24 x 15 EN 50022	98.360.0000.0	1
Mounting rail 32, G rail*	L = 2 m	9006 EN 50035 G-32	98.190.0000.0	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 32, with screw*	7.5 mm wide	9708	Z5.522.7053.0	100
3. End plate 1.5 mm thick	colour: grey	AP 2,5 - 4	07.311.0155.0	10
	colour: blue	AP 2,5 - 4 BLAU	07.311.0155.6	10
End plate 2 mm thick	colour: grey			
	colour: blue			
4. Partition plate 1.5 mm thick	colour: grey	TW 2,5 - 4	07.311.1155.0	10
	colour: blue	TW 2,5 - 4 BLAU	07.311.1155.6	10
Partition plate 2 mm thick	colour: grey			
	colour: blue			
Partition plate 3 mm thick	colour: grey			
	colour: blue			
5. Jumper bars with screws, E-Cu				
insulated	2 pole	IVB WK 2,5 - 2	Z7.280.2227.0	10
	3 pole	IVB WK 2,5 - 3	Z7.280.2327.0	10
	up to 12 pole	IVB WK 2,5 - 12	Z7.280.3227.0	10
6. Single cover for jumper bar with marking facility		AD VB 2,5 GELB	04.326.2053.8	10
7. Insulation plate with marking facility		TS 2,5 GELB	07.311.2053.8	10
8. Cover strip for jumper bar for 10 terminals with test opening		AD VB 5/10 P GELB	04.342.3556.8	10
Cover strip with warning symbol for 4 terminals		AD VB 5/4 GELB	04.343.4756.8	10
9. Further accessories		see pages 42-59		
10. Marking accessories		see pages 34-41		
* Not usable in hazardous locations ²⁾ with/without jumper				

UL wire connection variants
³⁾ 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
⁴⁾ 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
⁵⁾ or 2x No. 12 Sol/Str AWG
or 2x No. 14 Sol/Str AWG
or 3x No. 16 Sol/Str AWG



WKN 10/U

finely stranded	single core	V	A
0.5 – 4 mm ²	0.5 – 6 mm ²	800 V/8 kV/3	32
No. 22-10 AWG ³⁾		600 V	30/35
No. 20-10 AWG		600 V	40
0.5 – 4 mm ²	0.5 – 6 mm ²	750 V	14/27 ²⁾
6 mm			9 mm



finely stranded	single core	V	A
0.5–6 mm ²	0.5–10 mm ²	800 V/8 kV/3	41
No. 22-8 AWG ⁴⁾		600 V	50/50
No. 20-8 AWG		600 V	45
0.5–6 mm ²	0.5–10 mm ²	750 V	35/38 ²⁾
8 mm			11 mm

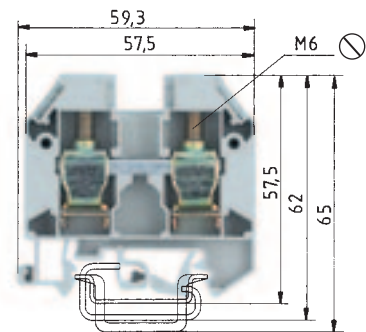


finely stranded single core/stranded V	A
2.5 – 10 mm ² 1.5 – 16 mm ² 800 V/8 kV/3	57
No. 16-6 AWG ⁵⁾	600 V 65/65
No. 16-6 AWG	600 V 70
2.5 – 10 mm ² 1.5 – 16 mm ² 750 V	43/56 ²⁾
10 mm	13 mm

[illegible]

Modular terminals,
Type WKN

selos



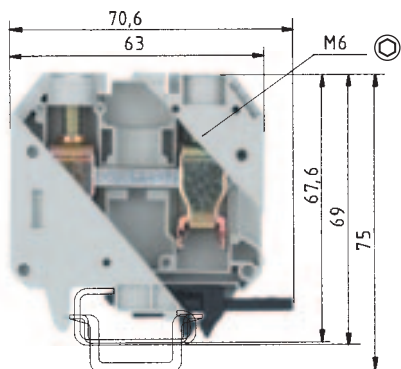
0344 II 2GD
EEx ell
EN 60 947-7-1/DIN VDE 0611 T1
UL Data field/factory wiring
CSA Data
KEMA 02 ATEX 2114 U¹⁾ EN 50019/EN 50014
Overall width Insulation strip length
Approvals

WKN 16/U
finely stranded single core/stranded V A
4 – 16 mm² 1.5 – 25 mm² 800 V/8 kV/3 71
No. 12-4 AWG 600 V 85/90
No. 14-4 AWG 600 V 95
4 – 16 mm² 1.5 – 25 mm² 750 V 61/71²⁾
12 mm 15 mm

¹⁾ **Installation instructions for
EEx 'e' applications:**

- if modular terminals are mounted either directly adjacent to modular terminals of a different size or next to earth terminals, the open side of a block of the same terminal type must be covered by an end plate or partition plate.
- if neighbouring modular terminals are bridged by a jumper bar, the required insulation distances must be maintained between individual terminal groups or an insulation plate (without loss of spacing distance). An end plate or partition plate must be placed at the start and end of a cross connected terminal group.

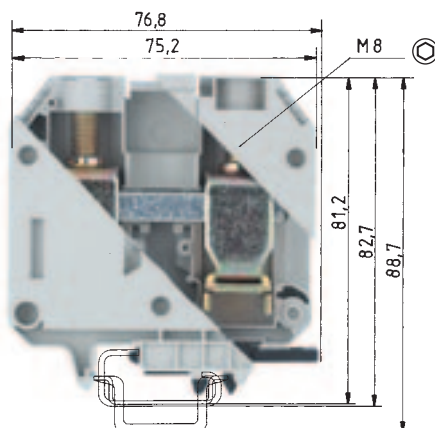
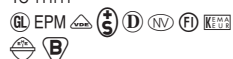
	Type	Part No.	Box Qty
Modular terminal colour: grey	WKN 16/U	57.516.0155.0	50
Modular terminal EEx i colour: blue	WKN 16/U BLAU	57.516.0155.6	50
Accessories			
1. Mounting rail 35, DIN rail 7.5 high L = 2 m	35 x 27 x 7.5 EN 50022	98.300.0000.0	1
Mounting rail 35, DIN rail 15 high L = 2 m	35 x 24 x 15 EN 50022	98.360.0000.0	1
Mounting rail 32, G rail* L = 2 m	9006 EN 50035 G-32	98.190.0000.0	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 S 35	Z5.522.8553.0	100
End clamp TS 32, with screw* 7.5 mm wide	9708	Z5.522.7053.0	100
3. End plate 1.5 mm thick colour: grey			
colour: blue			
End plate 2 mm thick colour: grey	APN 16	07.311.6755.0	10
colour: blue	APN 16 BLAU	07.311.6755.6	10
4. Partition plate 1.5 mm thick colour: grey			
colour: blue			
Partition plate 2 mm thick colour: grey	TWN 16	07.311.7755.0	10
colour: blue	TWN 16 BLAU	07.311.7755.6	10
Partition plate 3 mm thick colour: grey			
colour: blue			
5. Jumper bars with screws, E-Cu insulated 2 pole	IVB WKN 16 - 2	Z7.284.2227.0	10
3 pole	IVB WKN 16 - 3	Z7.284.2327.0	10
up to 12 pole	IVB WKN 16 - 12	Z7.284.3227.0	10
6. Single cover for jumper bar with marking facility			
7. Insulation plate with marking facility	TSN 16 GELB	07.311.8453.8	10
Insulation plate with cover	TSN AD 16 GELB	07.311.8553.8	10
8. Cover strip for jumper bar for 10 terminals			
Cover strip for jumper bar for 4 terminals	AD VB 12/4 GELB	04.343.5156.8	10
9. Further accessories	see pages 42-59		
10. Marking accessories	see pages 34-41		
* Not usable in hazardous locations ²⁾ with/without jumper			



closed design

WKN 35/U

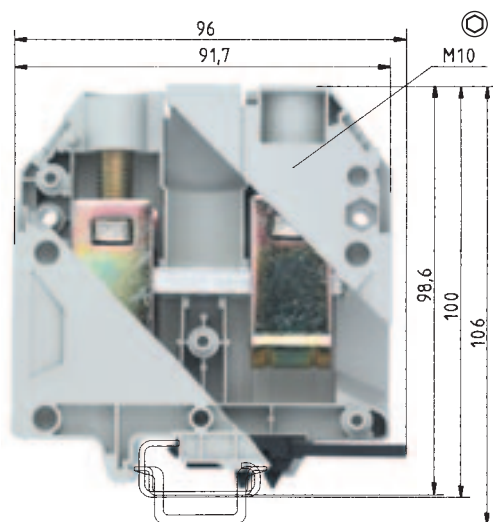
finely stranded	stranded	V	A
10–35 mm ²	10–50 mm ²	800 V/8 kV/3	124
No. 10-2 AWG		600 V	95/95
No. 12-2 AWG		600 V	110
10–35 mm ²	10–50 mm ²	750 V	86/124 ²⁾
16 mm			18 mm



closed design

WKN 70/U

finely stranded	stranded	V	A
10–70 mm ²	16–95 mm ²	800 V/8 kV/3	179
No. 6-2/0 AWG		600 V	175/175
No. 6-2/0 AWG		600 V	170
10–70 mm ²	16–95 mm ²	750 V	179/179 ²⁾
24 mm			24 mm



closed design

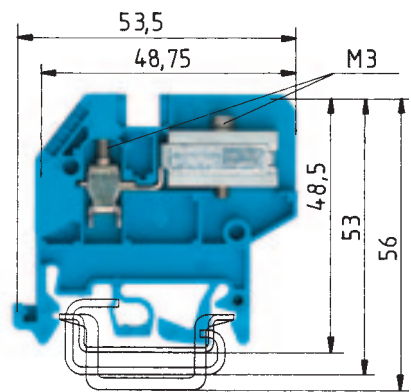
WKN 150/U

finely stranded	stranded	V	A
35–150 mm ²	35–185 mm ²	1000 V/8 kV/3	309
No. 2/0 AWG - 350 kcmil		600 V	335/335
No. 2/0 AWG - 350 kcmil		600 V	365
35–150 mm ²	35–185 mm ²	750 V	290/309 ²⁾
28 mm			30 mm

[illegible]

Neutral disconnect terminals
for switchgear assembly with U-foot, Type WKN

selos

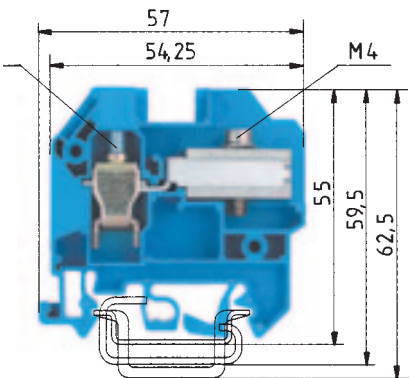


Current carrying capacity
finely stranded: 4 mm² 25 A
stranded: 6 mm² 30 A

WKN 4 ETK/U

finely stranded single core V A
0.5 – 4 mm² 0.5 – 6 mm² 400 V/6 kV/3*)

6 mm 9 mm
Ⓢ Ⓢ Ⓢ Ⓢ Ⓢ Ⓢ



Current carrying capacity
finely stranded: 10 mm² 45 A
stranded: 16 mm² 50 A

WKN 10 ETK/U

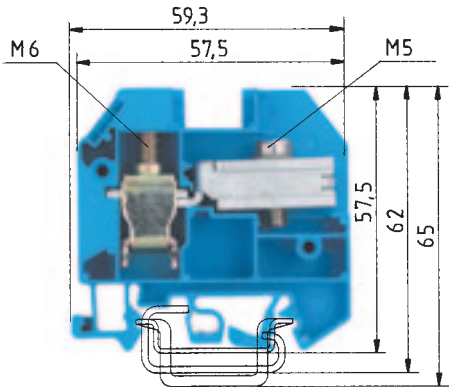
finely stranded single core/stranded V A
1 – 10 mm² 1.0 – 16 mm² 400 V/6 kV/3*)

10 mm 13 mm
Ⓢ Ⓢ Ⓢ Ⓢ Ⓢ Ⓢ

EN 60 947-7-1/DIN VDE 0611 T1
UL Data/CSA Data field/factory wiring
Overall width Insulation strip length
Approvals

		Type	Part No.	Box Qty	Type	Part No.	Box Qty
Neutral disconnect terminal	colour: blue	WKN 4 ETK/U	57.504.8155.0	100	WKN 10 ETK/U	57.510.8155.0	50
Accessories							
1. Mounting rail 35, DIN rail 7.5 high	L = 2 m	35 x 27 x 7,5 EN 50022	98.300.0000.0	1	35 x 27 x 7,5 EN 50022	98.300.0000.0	1
Mounting rail 35, DIN rail 15 high	L = 2 m	35 x 24 x 15 EN 50022	98.360.0000.0	1	35 x 24 x 15 EN 50022	98.360.0000.0	1
Mounting rail 32, G rail	L = 2 m	9006 EN 50035 G-32	98.190.0000.0	1	9006 EN 50035 G-32	98.190.0000.0	1
2. End clamp with U-foot	10 mm wide	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
End clamp TS 35, with screw	8 mm wide	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
End clamp TS 32, with screw	7.5 mm wide	9708	Z5.522.7053.0	100	9708	Z5.522.7053.0	100
3. End plate	1.5 mm thick						
	colour: grey						
	colour: blue	APN 4 ETK	07.312.1155.0	10	APN 10 ETK	07.312.0955.0	10
End plate	2 mm thick						
	colour: grey						
	colour: blue						
4. Partition plate 1.5 mm thick	colour: grey						
	colour: blue						
Partition plate 2 mm thick	colour: grey						
	colour: blue						
Partition plate 3 mm thick	colour: grey						
	colour: blue						
5. Fuse holder for busbar 10 x 3	4 mm wide	WKI SH/U	01.108.3255.0	10	WKI SH/U	01.108.3255.0	10
6. Busbar E-Cu 10 x 3	L = 1 m	9813 M	98.290.0000.0	1	9813 M	98.290.0000.0	1
Busbar tin plated 10 x 3	L = 1 m	9813 M SN	98.290.1000.0	1	9813 M SN	98.290.1000.0	1
7. Supply terminals for busbar	colour: blue						
Supply terminals for busbar	colour: blank						
8. Single cover for jumper bar with marking facility		AD VB 4 GELB	04.326.2153.8	10	AD VB 10 GELB	04.326.2353.8	10
9. Insulation plate with marking facility							
10. Cover strip for jumper bar for 10 terminals							
Cover strip for jumper bar for 4 terminals							
11. Further accessories		see pages 42-59			see pages 42-59		
12. Marking accessories		see pages 34-41			see pages 34-41		
*) can be used in earthed systems 690/400 V							

Supply terminals for Cu busbar (10 x 3 mm), Type WAK



Current carrying capacity
finely stranded: 16 mm² 62 A
stranded: 25 mm² 67 A

EN 60 998-2-1 CCA/CH

EN 60 998-2-1 CCA/CH

WKN 16 ETK/U

finely stranded single core/stranded V A
1 – 16 mm² 10 – 25 mm² 400 V/6 kV/3*)

12 mm 15 mm



WAK 16/2

finely stranded stranded V A
1.5 – 16 mm² 10 – 16 mm² 76

8.4 mm 16 mm



WAK 35/2

finely stranded stranded V A
16 – 35 mm² 16 – 35 mm² 125

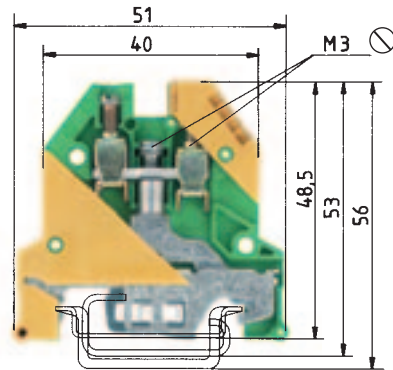
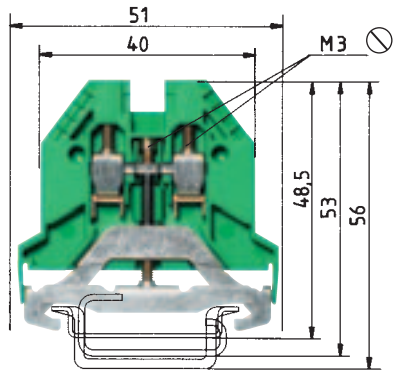
17 mm 14 mm



Type	Part No.	Box Qty	Type	Part No.	Box Qty	Type	Part No.	Box Qty
WKN 16 ETK/U	57.516.8155.0	50						
35 x 27 x 7,5 EN 50022	98.300.0000.0	1						
35 x 24 x 15 EN 50022	98.360.0000.0	1						
9006 EN 50035 G-32	98.190.0000.0	1						
WE 1/U	Z5.523.5753.0	100						
9708/2 S35	Z5.522.8553.0	100						
9708	Z5.522.7053.0	100						
APN 16 ETK	07.312.0855.0	10						
WKI SH/U	01.108.3255.0	10						
9813 M	98.290.0000.0	1						
9813 M SN	98.290.1000.0	1						
			WAK 16/2 BLAU	30.494.3021.6	100			
						WAK 35/2	30.494.4121.0	50
AD VB 16 GELB	04.326.2453.8	10						
see pages 42-59								
see pages 34-41								

Earth terminals,
Type WK/WKN ... SL/U

selos



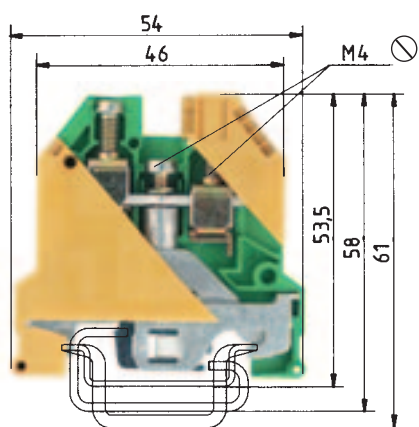
closed design

0344 Ex II 2GD
EEx ell
EN 60 947-7-1/DIN VDE 0611 T1
UL Data field/factory wiring
CSA Data
KEMA 02 ATEX 2114 U¹⁾ EN 50019/EN 50014
Overall width Insulation strip length
Approvals

WK 2,5 SL/U
finely stranded single core V A³⁾
0.5 – 2.5 mm² 0.5 – 4 mm² 500 V/6 kV/3²⁾
No. 22-12 AWG
No. 24-12 AWG
5 mm 9 mm

WK 4 SL/U
finely stranded single core V A³⁾
0.5 – 4 mm² 0.5 – 6 mm² 800 V/8 kV/3²⁾
No. 22-10 AWG
No. 20-10 AWG
0.5 – 4 mm² 0.5 – 6 mm²
6 mm 9 mm

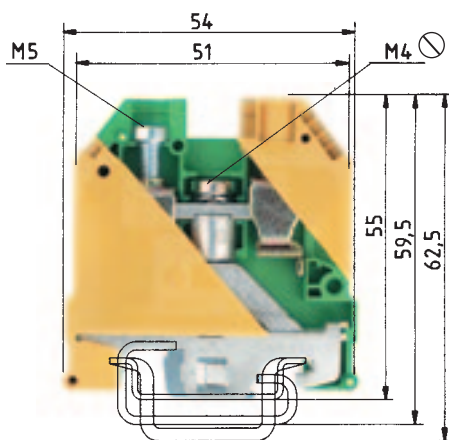
	Type	Part No.	Box Qty	Type	Part No.	Box Qty
Earth terminal with U-foot colour: yellow/green	WK 2,5 SL/U	56.503.9055.0	100	WK 4 SL/U	57.504.9055.0	100
Accessories						
1. Mounting rail 35, DIN rail 7.5 high L = 2 m	35 x 27 x 7,5 EN 50022	98.300.0000.0	1	35 x 27 x 7,5 EN 50022	98.300.0000.0	1
Mounting rail 35, DIN rail 15 high L = 2 m	35 x 24 x 15 EN 50022	98.360.0000.0	1	35 x 24 x 15 EN 50022	98.360.0000.0	1
Mounting rail 32, G rail* L = 2 m				9006 EN 50035 G-32	98.190.0000.0	1
2. End clamp with U-foot* 10 mm wide						
End clamp TS 35, with screw 8 mm wide						
End clamp TS 32, with screw* 7.5 mm wide						
3. End plate 1.5 mm thick colour: grey	AP 2,5-4 SL	07.311.7153.0	10			
End plate 2 mm thick colour: grey						
End plate 2 mm thick colour: blue						
4. Partition plate 1.5 mm thick colour: grey						
Partition plate 2 mm thick colour: grey						
Partition plate 2 mm thick colour: blue						
Partition plate 3 mm thick colour: grey						
Partition plate 3 mm thick colour: blue						
5. Jumper bars with screws, E-Cu insulated 2 pole						
3 pole						
up to 12 pole						
6. Single cover for jumper bar with marking facility						
7. Insulation plate with marking facility						
8. Cover strip for jumper bar for 10 terminals						
Cover strip for jumper bar for 4 terminals						
9. Further accessories	see pages 42-59			see pages 42-59		
10. Marking accessories	see pages 34-41			see pages 34-41		
¹⁾ Note installation instructions on information page of the cover.						
²⁾ Rated values for adjacent modular terminals of the same range and size.						
³⁾ See facts & DATA section for current carrying capacity of the mounting rail.						
* Not usable in hazardous locations						



closed design

WK 6 SL/U

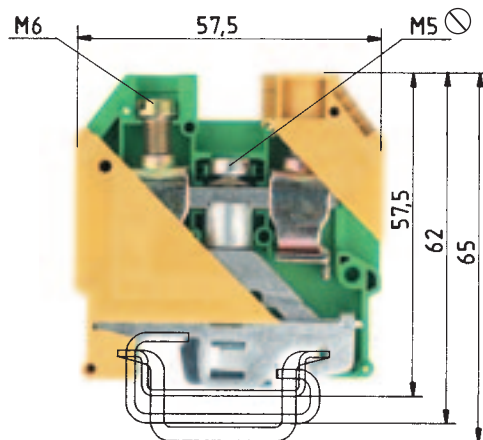
finely stranded	single core	V	A
0.5–6 mm ²	0.5–10 mm ²	800 V/8 kV/3 ²⁾	3)
No. 22-8 AWG			
No. 20-8 AWG			
0.5–6 mm ²	0.5–10 mm ²		
8 mm			12 mm
     		  	



closed design

WKN 10 SL/U

finely stranded single core/stranded V A
 2.5 – 10 mm² 15 – 16 mm² 800 V/8 kV/3²⁾ 3)
 No. 16-6 AWG
 No. 16-6 AWG
 2.5 – 10 mm² 15 – 16 mm²
 10 mm 13 mm
        



closed design

WKN 16 SL/U

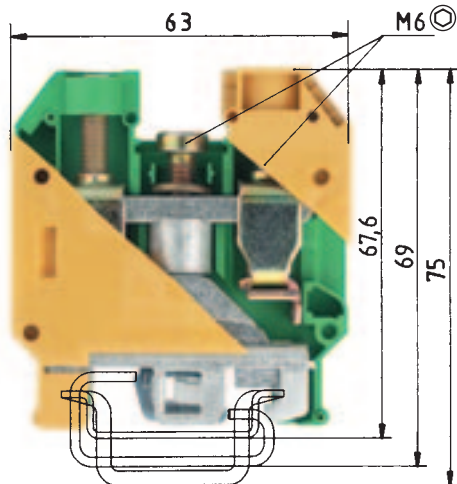
finely stranded	single core/stranded	V	A
4-16 mm ²	1.5-25 mm ²	800 V/8 kV/3 ²⁾	3)
No. 12-4 AWG			
No. 14-4 AWG			
4-16 mm ²	1.5-25 mm ²		
12 mm			15 mm
			
			

[illegible]

Earth terminals with screw connection, Type WKN

selos

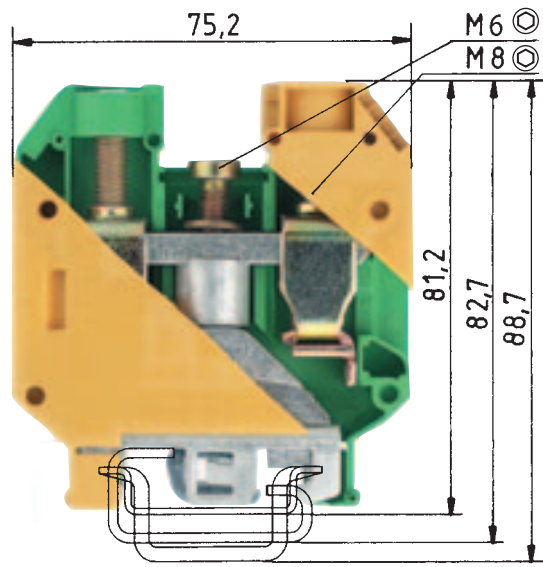
Only E-Cu mounting rails may be used for earth terminals of 70 mm² upward due to the current carrying capacity.



closed design

WKN 35 SL/U

finely stranded stranded V A
10–35 mm² 10–50 mm² 800 V/8 kV/3²⁾ 3)
No. 10-2 AWG
No. 10-2 AWG
10–35 mm² 10–50 mm²
16 mm
20 mm
EPM SEV NV FI KEMA LR UL SF



closed design

WKN 70 SL/U

finely stranded stranded V A
10–70 mm² 16–95 mm²
10–70 mm² 16–95 mm² 800 V/8 kV/3²⁾ 3)
No. 6-2/0 AWG
No. 6-2/0 AWG
24 mm
LR UL SF

0344 Ex II 2GD
EEx ell
EN 60 947-7-1/DIN VDE 0611 T1
UL Data field/factory wiring
CSA Data
KEMA 02 ATEX 2114 U¹⁾ EN 50019/EN 50014
Overall width Insulation strip length
Approvals

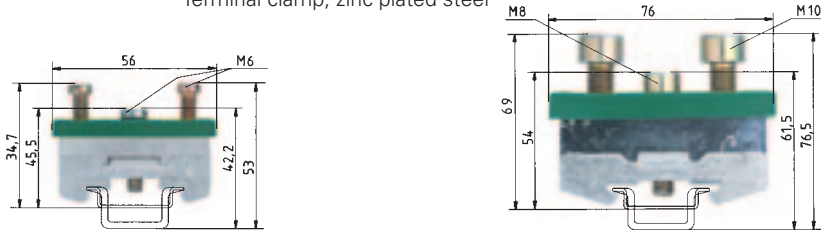
Type			Part No.			Box Qty		
Earth terminal with U-foot			WKN 35 SL/U			57.535.9055.0 20		
Earth terminal for TS 35 EN60715								
Incoming supply set								
Accessories								
1. Mounting rail 35, DIN rail 7.5 high	L = 2 m	35 x 27 x 7.5 EN 50022	98.300.0000.0	1				
Mounting rail 35, DIN rail 15 high	L = 2 m	35 x 24 x 15 EN 50022	98.360.0000.0	1		35 x 24 x 15 EN 50022 CU	98.380.0000.0	10
Mounting rail 32, G rail*	L = 2 m	9006 EN 50035 G-32	98.190.0000.0	1		9006 EN 50035 G-32 E-CU	98.220.0000.0	10
2. End clamp with U-foot*	10 mm wide							
End clamp TS 35, with screw	8 mm wide							
End clamp TS 32, with screw*	7.5 mm wide							
3. End plate 1.5 mm thick	colour: grey							
	colour: blue							
End plate 2 mm thick	colour: grey							
	colour: blue							
4. Partition plate 1.5 mm thick	colour: grey							
	colour: blue							
Partition plate 2 mm thick	colour: grey							
	colour: blue							
5. Jumper bars with screws, E-Cu								
insulated	2 pole							
	3 pole							
	up to 12 pole							
6. Single cover for jumper bar with marking facility								
7. Insulation plate with marking facility								
8. Cover strip for jumper bar for 10 terminals								
Cover strip for jumper bar for 4 terminals								
9. Further accessories		see pages 42-59				see pages 42-59		
10. Marking accessories		see pages 34-41				see pages 34-41		
1) Note installation instructions on information page of the cover.								
2) Rated values for adjacent modular terminals of the same range and size.								
3) See facts & DATA section for current carrying capacity of the mounting rail.								

* Not usable in hazardous locations

Earth terminals
for TS 35

selos

- Clamping screw brake plate, Polyamide 66/6
- Clamping part, nickel plated brass
- Screws, nickel plated brass
- Connector, nickel plated brass
- Terminal clamp, zinc plated steel



9700 A/35 E S 35

finely stranded 35 mm² stranded 50 mm²

V

A
**)

9700 A/70 E S 35

finely stranded 70 mm² stranded 120 mm²
No. 6-2/0 AWG
No. 6-2/0 AWG

V

A
**)



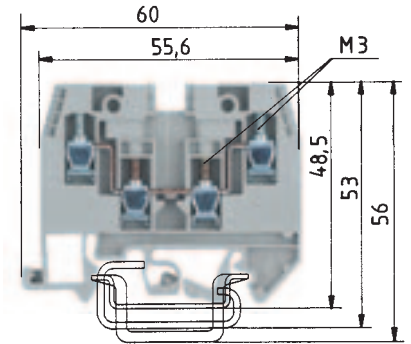
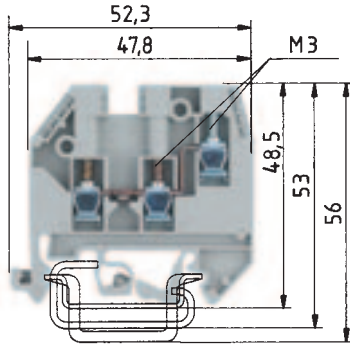
Incoming supply set



Type	Part No.	Box Qty	Type	Part No.	Box Qty	Type	Part No.	Box Qty
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 50022	98.300.0000.0	1						
35 x 24 x 15 EN 50022	98.360.0000.0	1	35 x 24 x 15 EN 50022 CU	98.380.0000.0	10			
see pages 42-59			see pages 42-59			see pages 42-59		
see pages 34-41			see pages 34-41			see pages 34-41		

Duo-modular terminals, Type WK 4/D...

selos



0344 Ex II 2GD

EEx ell

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

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

UL Data field/factory wiring

CSA Data

KEMA 02 ATEX 2114 U¹⁾ EN 50019/EN 50014

Overall width Insulation strip length

Approvals

WK 4/D 1/2 /U

finely stranded single core V A
0.5 – 4 mm² 0.5 – 6 mm² 500 V/6 kV/3 30

No. 22-10 AWG 600 V 30
No. 20-10 AWG 600 V 30
0.5 – 4 mm² 0.5 – 6 mm² 420 V 30/30²⁾
6 mm 9 mm



WK 4/D 2/2 /U

finely stranded single core V A
0.5 – 4 mm² 0.5 – 6 mm² 500 V/6 kV/3 30

No. 22-10 AWG 600 V 30
No. 20-10 AWG 600 V 30
0.5 – 4 mm² 0.5 – 6 mm² 420 V 29/30²⁾
6 mm 9 mm



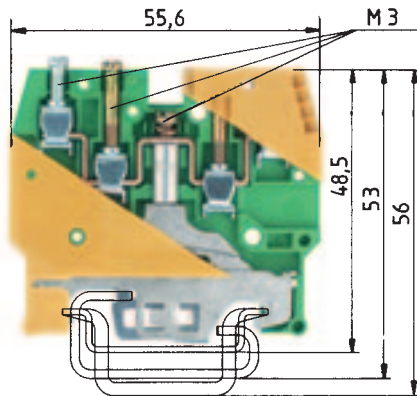
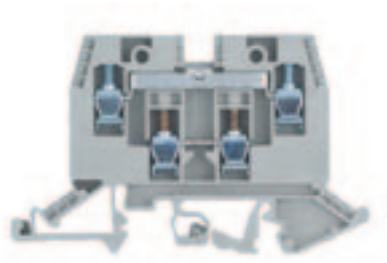
		Type	Part No.	Box Qty	Type	Part No.	Box Qty
Duo-Modular terminal 1/2	colour: grey	WK 4/D 1/2 /U	57.504.5055.0	100			
	colour: blue	WK 4/D 1/2 /U BLAU	57.504.5055.6	100			
Duo-Modular terminal 2/2	colour: grey				WK 4/D 2/2 /U	57.504.5155.0	100
	colour: blue				WK 4/D 2/2 /U BLAU	57.504.5155.6	100
Duo-double deck terminal	colour: grey						
Duo-earth terminal 2/2	colour: yellow/green						
Accessories							
1. Mounting rail 35, DIN rail 7.5 high	L = 2 m	35 x 27 x 7.5 EN 50022	98.300.0000.0	1	35 x 27 x 7.5 EN 50022	98.300.0000.0	1
Mounting rail 35, DIN rail 15 high	L = 2 m	35 x 24 x 15 EN 50022	98.360.0000.0	1	35 x 24 x 15 EN 50022	98.360.0000.0	1
Mounting rail 32, G rail*	L = 2 m	9006 EN 50035 G-32	98.190.0000.0	1	9006 EN 50035 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 32, with screw*	7.5 mm wide	9708	Z5.522.7053.0	100	9708	Z5.522.7053.0	100
3. End plate 1.5 mm thick	colour: grey	AP 4/D 1/2	07.311.6455.0	10	AP 4/D..	07.311.6355.0	10
	colour: blue	AP 4/D 1/2 BLAU	07.311.6455.6	10	AP 4/D.. BLAU	07.311.6355.6	10
4. Partition plate 1.5 mm thick	colour: grey						
5. Jumper bars with screws, E-Cu							
insulated	2 pole	IVB WK 4 D...-2	Z7.281.7227.0	10	IVB WK 4 D...-2	Z7.281.7227.0	10
	3 pole	IVB WK 4 D...-3	Z7.281.7327.0	10	IVB WK 4 D...-3	Z7.281.7327.0	10
	up to 12 pole	IVB WK 4 D...-12	Z7.281.8227.0	10	IVB WK 4 D...-12	Z7.281.8227.0	10
6. Connecting comb for lower terminals							
insulated	2 pole	IVK WK 4/D...-2	Z7.256.2227.0	10	IVK WK 4/D...-2	Z7.256.2227.0	10
	up to 6 pole	IVK WK 4/D...-12	Z7.256.3227.0	10	IVK WK 4/D...-12	Z7.256.3227.0	10
Connecting comb, straight 1 mm thick	2 pole						
	up to 6 pole						
7. Single cover for jumper bar with marking facility		AD VB 4 GELB	04.326.2153.8	10	AD VB 4 GELB	04.326.2153.8	10
8. Insulation plate with marking facility		TS 4/15 GELB	07.311.2953.8	10	TS 4/15 GELB	07.311.2953.8	10
9. Cover strip for jumper bar for 10 terminals		AD VB 6/10 GELB	04.342.0656.8	10	AD VB 6/10 GELB	04.342.0656.8	10
Cover strip for jumper bar for 4 terminals							
10. Terminal cover with warning symbol							
11. Further accessories		see pages 42-59			see pages 42-59		
12. Marking accessories		see pages 34-41			see pages 34-41		

¹⁾ Note installation instructions on information page of the cover. ²⁾ with/without jumper

³⁾ Rated values for adjacent modular terminals of the same range and size.

⁴⁾ See **facts & DATA** section for current carrying capacity of the mounting rail.

* Not usable in hazardous locations



⁵⁾ 500 V/6 kV/3 with insulation plate 07.311.2953.8 between two adjacent terminals

⁶⁾ with insulation plate 07.311.2953.8 between two adjacent terminals

closed design

WK 4/D EU

finely stranded single core V A
0.5 – 4 mm² 0.5 – 6 mm² 320 V/4 kV/3⁵⁾ 22

No. 22-10 AWG 300 V⁶⁾ 30
No. 20-12 AWG 600 V⁶⁾ 30
0.5 – 4 mm² 0.5 – 6 mm² 275 V 22/22²⁾
6 mm 9 mm



WK 4/D 2/2 SL U

finely stranded single core V A
0.5 – 4 mm² 0.5 – 6 mm² 500 V/6 kV/3³⁾ 4)

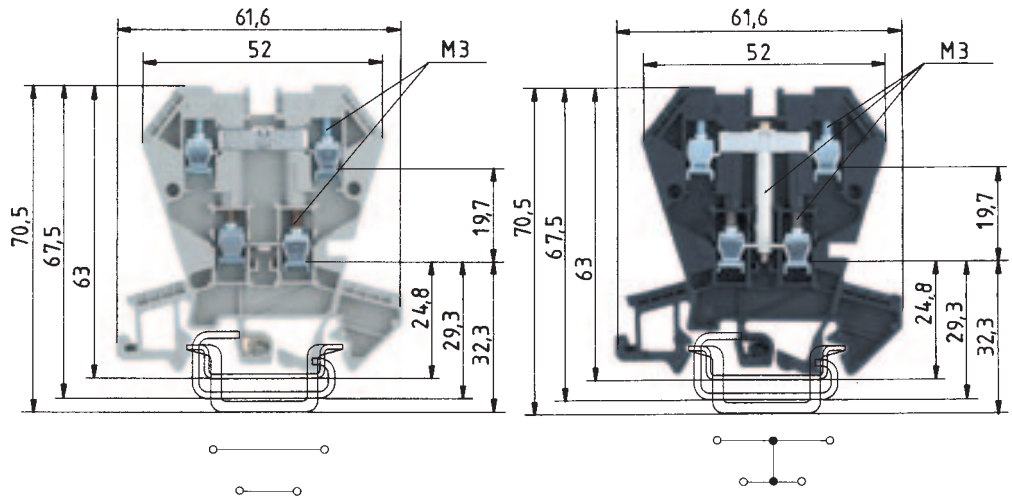
No. 22-10 AWG
No. 20-12 AWG
0.5 – 4 mm² 0.5 – 6 mm²
6 mm 9 mm



Type	Part No.	Box Qty	Type	Part No.	Box Qty
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 50022	98.300.0000.0	1	35 x 27 x 7,5 EN 50022	98.300.0000.0	1
35 x 24 x 15 EN 50022	98.360.0000.0	1	35 x 24 x 15 EN 50022	98.360.0000.0	1
9006 EN 50035 G-32	98.190.0000.0	1	9006 EN 50035 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100			
9708/2 S 35	Z5.522.8553.0	100			
9708	Z5.522.7053.0	100			
AP 4/D...	07.311.6355.0	10			
AP 4/D.. BLAU	07.311.6355.6	10			
IVB WK 4/DEU-2	Z7.271.0227.0	10			
IVB WK 4 /DEU-3	Z7.271.0327.0	10			
IVB WK 4/DEU-12	Z7.271.1227.0	10			
IVK WK 4/D...-2	Z7.256.2227.0	10			
IVK WK 4/D...-12	Z7.256.3227.0	10			
AD VB 4 GELB	04.326.2153.8	10			
TS 4/15 GELB	07.311.2953.8	10			
AD VB 6/10 GELB	04.342.0656.8	10			
see pages 42-59			see pages 42-59		
see pages 34-41			see pages 34-41		

Double-deck terminals, Type WK 4 E...

selos



0344 Ex II 2GD

EEx ell

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

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

UL Data field/factory wiring

CSA Data

KEMA 02 ATEX 2114 U¹⁾ EN 50019/EN 50014

Overall width Insulation strip length

Approvals

WK 4 E/U

finely stranded single core V A
0.5 – 4 mm² 0.5 – 4 mm² 400 V/6 kV/3³⁾ 32

No. 22-10 AWG 300 V 20

No. 20-12 AWG 300 V 10

0.5 – 4 mm² 0.5 – 4 mm² 275 V 24/24²⁾

6 mm 9 mm

CE LR UL

WK 4 E/U /VB

finely stranded single core V A
0.5 – 4 mm² 0.5 – 4 mm² 400 V/6 kV/3 32

No. 22-10 AWG 300 V 20

No. 20-12 AWG 300 V 10

6 mm 9 mm

CE LR UL

	Type	Part No.	Box Qty	Type	Part No.	Box Qty
Double-deck terminal colour: grey	WK 4 E/U	57.404.7055.0	100			
Double-deck terminal colour: black				WK 4 E/U/VB SCHWARZ	57.404.6955.1	100
Double-deck terminal with inverted diode colour: orange						
Double-deck terminal colour: red						
Earth terminal colour: yellow/green						
Accessories						
1. Mounting rail 35, DIN rail 7.5 high L = 2 m	35 x 27 x 7.5 EN 50022	98.300.0000.0	1	35 x 27 x 7.5 EN 50022	98.300.0000.0	1
Mounting rail 35, DIN rail 15 high L = 2 m	35 x 24 x 15 EN 50022	98.360.0000.0	1	35 x 24 x 15 EN 50022	98.360.0000.0	1
Mounting rail 32, G rail* L = 2 m	9006 EN 50035 G-32	98.190.0000.0	1	9006 EN 50035 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 32, with screw* 7.5 mm wide	9708	Z5.522.7053.0	100	9708	Z5.522.7053.0	100
3. End plate 1.5 mm thick colour: grey	AP 4 E	07.311.4055.0	10	AP 4 E	07.311.4055.0	10
4. Partition plate 1.5 mm thick colour: grey	TW 4 E	07.311.5055.0	10	TW 4 E	07.311.5055.0	10
5. Jumper bars with screws, E-Cu						
for upper terminal block, uninsulated 2 pole	9215-2	Z7.210.3227.0	50	9215-2	07.210.3227.0	50
3 pole	9215-3	Z7.210.3327.0	50	9215-3	07.210.3327.0	50
up to 6 pole	9215-6	Z7.210.3627.0	50	9215-6	07.210.3627.0	50
6. Connecting comb for lower or upper terminal						
angled, 1 mm thick, insulated 2 pole	IVBS WK 4 E-2	Z7.256.4227.0	10	IVBS WK 4 E-2	Z7.256.4227.0	10
up to 6 pole	IVBS WK 4 E-6	Z7.256.4627.0	10	IVBS WK 4 E-6	Z7.256.4627.0	10
Connecting comb for lower terminal only						
straight, 1 mm thick, insulated 2 pole	IVB WK 4 E-2	Z7.255.2227.0	10	IVB WK 4 E-2	Z7.255.2227.0	10
up to 6 pole	IVB WK 4 E-6	Z7.255.2627.0	10	IVB WK 4 E-6	Z7.255.2627.0	10
7. Single cover for jumper bar with marking facility	AD VB 4/15 GELB	04.326.2953.8	10			
8. Insulation plate with marking facility						
9. Cover strip for jumper bar for 10 terminals	AD VB 6/10 E GELB	04.342.2656.8	10	AD VB 6/10 E GELB	04.342.2656.8	10
Cover strip with warning symbol for 4 terminals						
10. Further accessories	see pages 42-59			see pages 42-59		
11. Marking accessories	see pages 34-41			see pages 34-41		

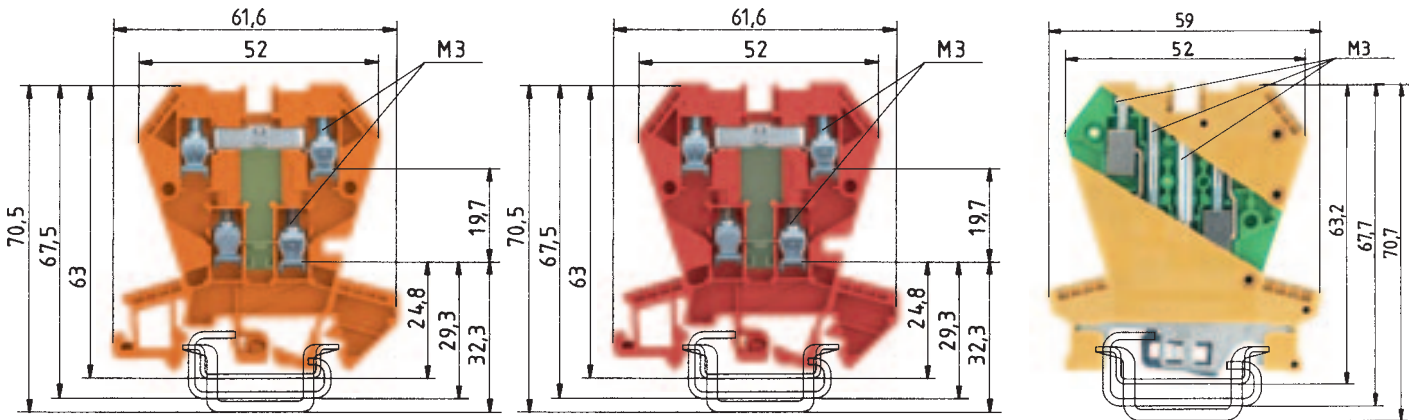
¹⁾ Note installation instructions on information page of the cover. ²⁾ with/without jumper

³⁾ When using end plates 500 V/6 kV/3.

⁴⁾ Rated values for adjacent modular terminals of the same range and size.

⁵⁾ See **facts & DATA** section for current carrying capacity of the mounting rail.

* Not usable in hazardous locations



closed design

WK 4 E/U...

finely stranded single core V A
0.5–4 mm² 0.5–4 mm²

No. 22-10 AWG
No. 20-12 AWG

6 mm 9 mm
No Match!

WK 4 E SL/U

finely stranded single core V A
0.5–4 mm² 0.5–6 mm² 500 V/6 kV/3⁴) 5)

No. 22-12 AWG
No. 22-10 AWG
0.5–4 mm² 0.5–6 mm²
6.2 mm 9 mm



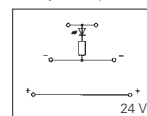
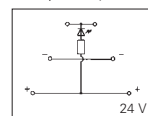
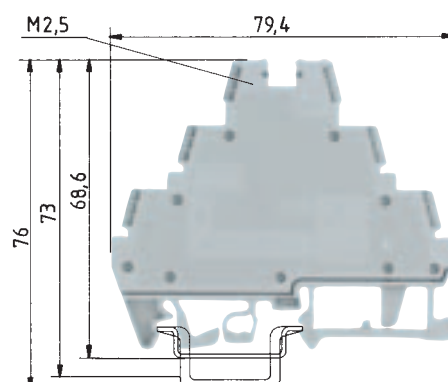
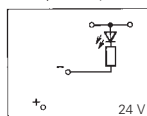
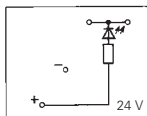
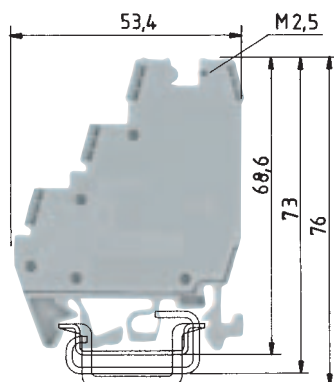
Type	Part No.	Box Qty			Type	Part No.	Box Qty
			57.404.8355.5		400 V		
WK 4 E/U...	57.404.XX55.9	100	57.404.8055.9		1 A/1000 V		
WK 4 E/U...	57.404.XX55.5	100	with inverted diode				
			57.404.8255.5		400 V	WK 4 E SL/U	57.504.9255.0 100
			57.404.8155.9		1 A/1000 V		
			with inverted diode				
35 x 27 x 7,5 EN 50022	98.300.0000.0	1	57.404.7255.5 LED red		24 V DC	35 x 27 x 7,5 EN 50022	98.300.0000.0 1
35 x 24 x 15 EN 50022	98.360.0000.0	1	57.404.8755.5 LED green		R = 2,2 K 0,35 W	35 x 24 x 15 EN 50022	98.360.0000.0 1
9006 EN 50035 G-32	98.190.0000.0	1				9006 EN 50035 G-32	98.190.0000.0 1
WE 1/U	Z5.523.5753.0	100				WE 1/U	Z5.523.5753.0 100
9708/2 S 35	Z5.522.8553.0	100				9708/2 S 35	Z5.522.8553.0 100
9708	Z5.522.7053.0	100				9708	Z5.522.7053.0 100
AP 4 E	07.311.4055.0	10	57.404.7455.9 LED red		24 V DC R = 2,2 K 0,35 W		
TW 4 E	07.311.5055.0	10					
			57.404.7955.5		1 A/400 V		
			57.404.8855.9				
			with inverted diode				
IVBS WK 4 E-2	Z7.256.4227.0	10					
IVBS WK 4 E-6	Z7.256.4627.0	10	57.404.8455.5		42 V AC 1 A/1000 V R = 6,8 K 0,6 W		
IVB WK 4 E-2	Z7.255.2227.0	10					
IVB WK 4 E-6	Z7.255.2627.0	10					
			57.404.6255.9		24 V DC 1 A R = 2,2 K 0,35 W		
see pages 42-59						see pages 42-59	
see pages 34-41						see pages 34-41	

with LED for 24 V

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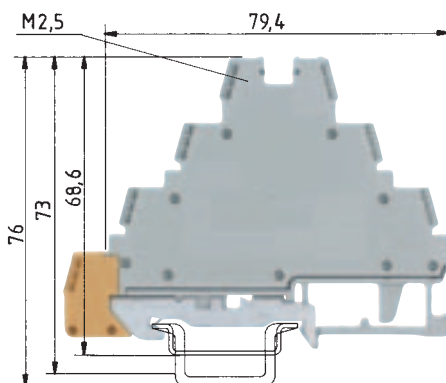
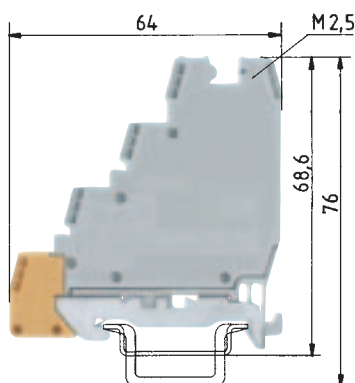
- Indicator: R = 2.2 K; 0.35 W
LED colour: green; 24 V DC

EN 60 947-7-1/DIN VDE 0611 T1	
UL Data	field/factory wiring
CSA Data	
Overall width	Insulation strip length
Approvals	

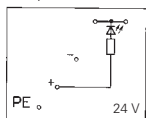


finely stranded single core	V	A
0.5 – 2.5 mm ² 0.5 – 4 mm ²	400 V/6 kV/3*)	24
No. 22-12 AWG	300 V*)	25
No. 22-12 AWG	300 V*)	25
6 mm		7 mm

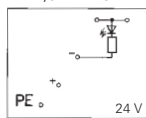
24



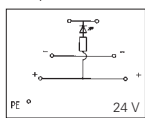
WK 2.5 - 4 KI SI-NGN



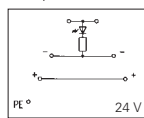
WK 2,5 - 4 KI SL-PGN
WK 2,5 - 4 KI SL-PRT



WK 2.5 - 3 D SL-NGN



WK 2.5 - 3 D SI-PGN

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

finely stranded	single core	V	A
0.5–2.5 mm ²	0.5–4 mm ²	250 V/4 kV/3 [*])	24
No. 22-12 AWG		300 V [*])	25
No. 22-12 AWG		300 V [*])	25
6 mm			7 mm

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

finely stranded	single core	V	A
0.5–2.5 mm ²	0.5–4 mm ²	400 V/6 kV/3*)	24
No. 22-12 AWG		300 V*)	25
No. 22-12 AWG		300 V*)	25
6 mm			7 mm



- These four level terminals (signal, positive, negative and earth) are produced as closed terminals - twin shell, with snap-on earth connector as the bottom level
- Both sensors and actuators can be connected
- As the earth is integrated in the foot, these versions are designed for TS 35 mounting rails
- When using jumper bars (connecting combs), partition plates are required to maintain creepage and clearance distances
- The rated voltage values for the adjacent modular terminal also apply to the earth

Indicator: R = 2.2 K; 0.35 W
LED colour: green: 24 V DC
 red: 24 V DC

[illegible]

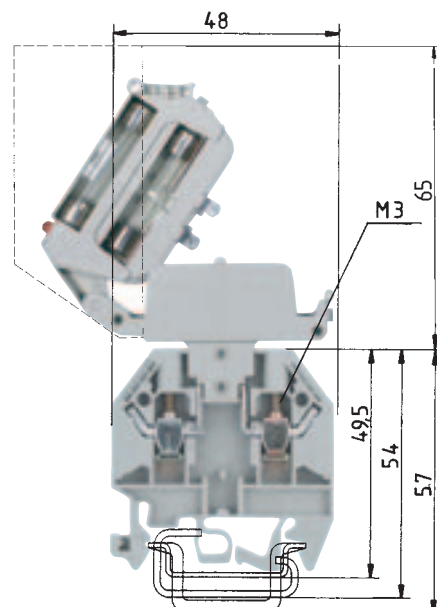
with U-foot, Type WK

selos

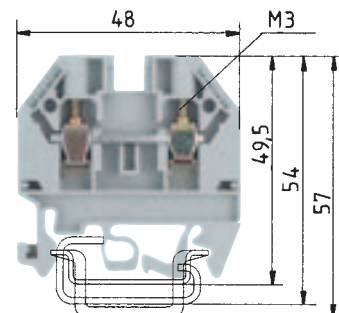
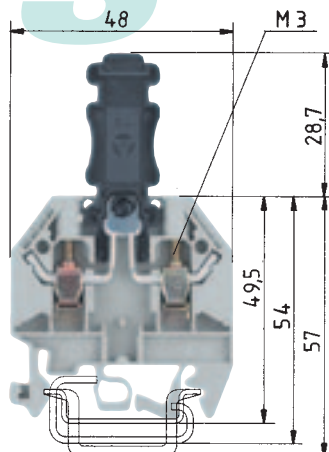
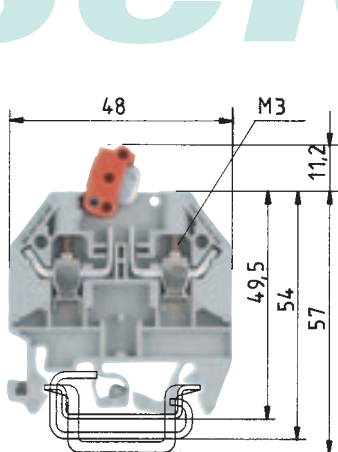
Indicator (24 V):	Red signal Power consumption: 10.3 mA
Indicator (220 V):	Red signal Power consumption: 0.3 mA

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

Isolating base terminal	colour: grey
Fuse disconnect lever	
Fuse disconnect lever with LED 12–24 V ⁽²⁾	
Fuse disconnect lever with LED 24–60 V ⁽²⁾	
Fuse disconnect lever with GL 110–250 V ⁽²⁾	
Isolating blade terminal	colour: grey



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The knife edge connector of these WK versions swings in and out on a pivotal point. The distinctive colour of the disconnecting lever signals the open state. The terminals can be fixed in both the open and closed state. Designs with test sockets permit measurements to be carried out safely using the test plug.

The plug-in disconnect blade can be removed and fitted as a dummy plug. This signals the open state. Designs with test sockets permit measurements to be carried out safely using the test plug. To prevent the fork from bending the TRST must not be inserted when the clamping screws are tightened.

With same contour as type WK 4 TKG/U and type WK 4/TKM/U

WK 4/TKM

finely stranded single core	V	A
0.5 – 4 mm ² 0.5 – 6 mm ²	800 V/8 kV/3*)	20
No. 22-10 AWG	600 V	20
No. 22-10 AWG	600 V*)	20
6 mm		9 mm

WK 4 TKG-TRST/U

finely stranded single core	V	A
0.5 – 4 mm ² 0.5 – 6 mm ²	800 V/8 kV/3*)	20
No. 22-10 AWG	300 V	10
No. 22-10 AWG	600 V*)	20
6 mm		9 mm

WK 4 TKS D/U

finely stranded single core	V	A
0.5 – 4 mm ² 0.5 – 6 mm ²	800 V/8 kV/3	32
No. 22-10 AWG	300 V	25
No. 20-10 AWG	600 V	20
6 mm		9 mm

Type	Part No.	Box Qty	Type	Part No.	Box Qty	Type	Part No.	Box Qty
WK 4/TKM/U	57.504.2055.0	100	WK 4 TKG-TRST/U	57.504.4555.0	100	WK 4 TKS D/U	57.504.4455.0	100
WK 4/TKM/U BLAU	57.504.2055.6	100	WK 4 TKG-TRST P3/U	57.504.4855.0	100			
WK 4/TKM/P3/U	57.504.2355.0	100						
35 x 27 x 7,5 EN 50022	98.300.0000.0	1	35 x 27 x 7,5 EN 50022	98.300.0000.0	1	35 x 27 x 7,5 EN 50022	98.300.0000.0	1
35 x 24 x 15 EN 50022	98.360.0000.0	1	35 x 24 x 15 EN 50022	98.360.0000.0	1	35 x 24 x 15 EN 50022	98.360.0000.0	1
9006 EN 50035 G-32	98.190.0000.0	1	9006 EN 50035 G-32	98.190.0000.0	1	9006 EN 50035 G-32	98.190.0000.0	1
WE 2/U	Z5.523.5653.0	100	WE 2/U	Z5.523.5653.0	100	WE 2/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
9708	Z5.522.7053.0	100	9708	Z5.522.7053.0	100	9708	Z5.522.7053.0	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						
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						
IVB 1 WK 4..-2	Z7.255.4227.0	10	IVB 1 WK 4..-2	Z7.255.4227.0	10	IVB 1 WK 4..-2	Z7.255.4227.0	10
IVB 1 WK 4..-6	Z7.255.4627.0	10	IVB 1 WK 4..-6	Z7.255.4627.0	10	IVB 1 WK 4..-6	Z7.255.4627.0	10
						AD VB 4 GELB	04.326.2153.8	10
						TS 4 GELB	07.311.2153.8	10
see pages 34-41			see pages 34-41			see pages 34-41		
*) Design with test socket: CSA: 300 V EN 60 947-7-1/DIN VDE 0611 T1 – 690 V/6 kV/3 Test socket can be loaded with 1 A			*) Design with test socket: CSA: 300 V EN 60 947-7-1/DIN VDE 0611 T1 – 690 V/6 kV/3 Test socket can be loaded with 1 A					

Disconnect terminals with U-foot, Type WK

selos

When selecting G fuse links, it should be ensured that the indicated maximum leakage loss is not exceeded.¹⁾ The current is determined by the fuse that is used.¹⁾ The voltage range is specified by the built-in LED display.²⁾ Depending on the application and type of installation, the temperature-rise must be observed in closed fuse holders. Higher ambient temperatures represent an additional load for the fuse links. The corresponding reduction of the rated current must therefore be taken into account when using the fuse links.

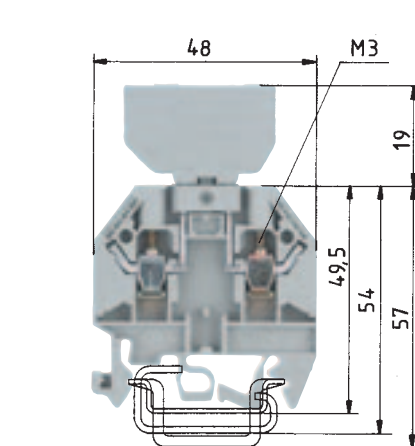
Indicator (24 V): Red signal
Power consumption: 10.3 mA

Indicator (220 V): Red signal
Power consumption: 0.3 mA

¹⁾ Maximum leakage loss at temperature of 23 °C
(acc. to DIN EN 60947-7-3)

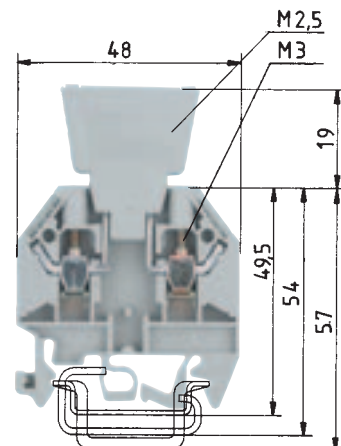
Type	Rated voltage	Overload protection		Exclusive short-circuit protection	
		Individual arrangement	Group arrangement	Individual arrangement	Group arrangement
SIST	250 V	1.6 W	1.6 W	2.5 W	1.6 W

EN 60 947-7-1/DIN VDE 0611 Teil 1
EN 60 127-6/DIN VDE 0820 T6
UL Data field/factory wiring
CSA Data
Overall width Insulation strip length
Approvals



WK 4 TKG... SIST

finely stranded single core	V	A
0.5 – 4 mm ² 0.5 – 6 mm ²	800 V/8 kV/3 ²⁾	1 ¹⁾
No. 22-10 AWG	300 V	10
No. 20-10 AWG	250 V	6.3
6 mm		9 mm



The current carried is determined by the component used.⁴⁾
Periodic peak voltage 1000 V.
Polarity of the diode: Anode Cathode⁵⁾
Cathode Anode⁶⁾

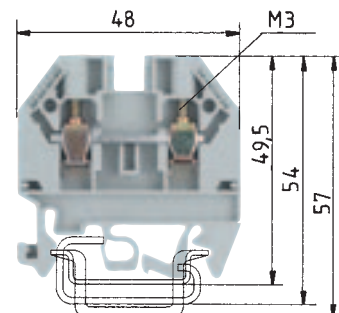
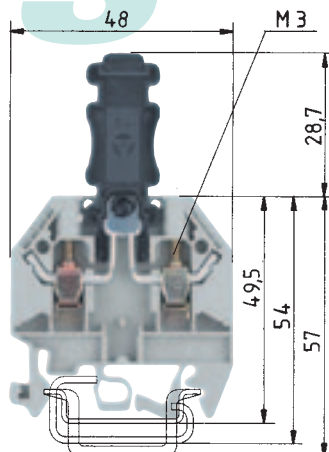
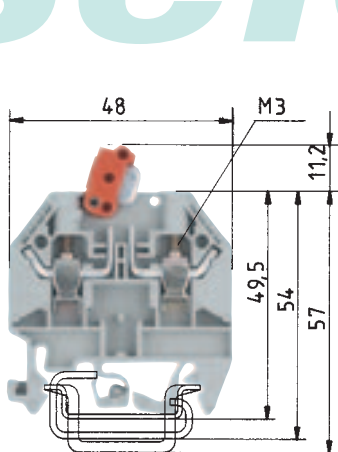
WK 4 TKG... DIST

finely stranded single core	V	A
0.5 – 4 mm ² 0.5 – 6 mm ²	800 V/8 kV/3 ³⁾	4 ⁴⁾
No. 22-10 AWG	300 V	10
No. 20-10 AWG	250 V	6.3
6 mm		9 mm



	Type	Part No.	Box Qty	Type	Part No.	Box Qty
Isolating base terminal colour: grey	WK 4 TKG/U	57.504.4055.0	100	WK 4 TKG/U	57.504.4055.0	100
Fuse holder for fuse 5 x 20 colour: grey	Si ST	Z1.299.4055.0	10			
Fuse holder with indicator (24 V) colour: grey	Si ST LED	Z1.299.4155.0	10			
Fuse holder with indicator (220 V) colour: grey	Si ST GL	Z1.299.4255.0	10			
Diode plug - without components J _{max} =10 A ⁴⁾ colour: grey				DIST ...	Z1.299.3055.0	10
Diode plug - diode J _{max} = 1 A ⁴⁾ colour: grey				DIST-1 N 4007-1 ⁵⁾	Z1.299.3155.0	10
Diode plug - diode J _{max} = 1 A ⁴⁾ colour: grey				DIST-1 N 4007-2 ⁶⁾	Z1.299.3355.0	10
Diode plug with jumper J _{max} =10 A ⁴⁾ colour: grey				DIST-D	Z1.299.3255.0	10
Isolating blade terminal colour: grey						
colour: blue						
– with 2 test sockets colour: grey						
Plug-in disconnect terminal with invertible plug colour: grey						
– with left and right test sockets colour: grey						
Modular terminal colour: grey						
Accessories						
1. Mounting rail 35, DIN rail 7.5 high L = 2 m	35 x 27 x 7,5 EN 50022	98.300.0000.0	1	35 x 27 x 7,5 EN 50022	98.300.0000.0	1
Mounting rail 35, DIN rail 15 high L = 2 m	35 x 24 x 15 EN 50022	98.360.0000.0	1	35 x 24 x 15 EN 50022	98.360.0000.0	1
Mounting rail 32, G rail L = 2 m	9006 EN 50035 G-32	98.190.0000.0	1	9006 EN 50035 G-32	98.190.0000.0	1
2. End clamp with U-foot 10 mm wide	WE 2/U	Z5.523.5653.0	100	WE 2/U	Z5.523.5653.0	100
End clamp for 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 for TS 32 with screw 7.5 mm wide	9708	Z5.522.7053.0	100	9708	Z5.522.7053.0	100
3. End plate 1.5 mm thick colour: grey	AP 4 TK	07.311.6155.0	10	AP 4 TK	07.311.6155.0	10
colour: blue						
4. Partition plate 1.5 mm thick colour: grey	TW 4 TK	07.311.8155.0	10	TW 4 TK	07.311.8155.0	10
colour: blue						
5. Connecting comb insulated 2 pole	IVB 1 WK 4..-2	Z7.255.4227.0	10	IVB 1 WK 4..-2	Z7.255.4227.0	10
up to 6 pole	IVB 1 WK 4..-6	Z7.255.4627.0	10	IVB 1 WK 4..-6	Z7.255.4627.0	10
6. Cover for jumper bar with marking facility						
7. Insulation plate with marking facility						
8. Marking accessories	see pages 34-41			see pages 34-41		

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The knife edge connector of these WK versions swings in and out on a pivotal point. The distinctive colour of the disconnecting lever signals the open state. The terminals can be fixed in both the open and closed state. Designs with test sockets permit measurements to be carried out safely using the test plug.

The plug-in disconnect blade can be removed and fitted as a dummy plug. This signals the open state. Designs with test sockets permit measurements to be carried out safely using the test plug. To prevent the fork from bending the TRST must not be inserted when the clamping screws are tightened.

With same contour as type WK 4 TKG/U and type WK 4/TKM/U

WK 4/TKM

finely stranded single core	V	A
0.5 – 4 mm ² 0.5 – 6 mm ²	800 V/8 kV/3*)	20
No. 22-10 AWG	600 V	20
No. 22-10 AWG	600 V*)	20
6 mm		9 mm

WK 4 TKG-TRST/U

finely stranded single core	V	A
0.5 – 4 mm ² 0.5 – 6 mm ²	800 V/8 kV/3*)	20
No. 22-10 AWG	300 V	10
No. 22-10 AWG	600 V*)	20
6 mm		9 mm

WK 4 TKS D/U

finely stranded single core	V	A
0.5 – 4 mm ² 0.5 – 6 mm ²	800 V/8 kV/3	32
No. 22-10 AWG	300 V	25
No. 20-10 AWG	600 V	20
6 mm		9 mm

Type	Part No.	Box Qty	Type	Part No.	Box Qty	Type	Part No.	Box Qty
WK 4/TKM/U	57.504.2055.0	100	WK 4 TKG-TRST/U	57.504.4555.0	100	WK 4 TKS D/U	57.504.4455.0	100
WK 4/TKM/U BLAU	57.504.2055.6	100	WK 4 TKG-TRST P3/U	57.504.4855.0	100			
WK 4/TKM/P3/U	57.504.2355.0	100						
35 x 27 x 7,5 EN 50022	98.300.0000.0	1	35 x 27 x 7,5 EN 50022	98.300.0000.0	1	35 x 27 x 7,5 EN 50022	98.300.0000.0	1
35 x 24 x 15 EN 50022	98.360.0000.0	1	35 x 24 x 15 EN 50022	98.360.0000.0	1	35 x 24 x 15 EN 50022	98.360.0000.0	1
9006 EN 50035 G-32	98.190.0000.0	1	9006 EN 50035 G-32	98.190.0000.0	1	9006 EN 50035 G-32	98.190.0000.0	1
WE 2/U	Z5.523.5653.0	100	WE 2/U	Z5.523.5653.0	100	WE 2/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
9708	Z5.522.7053.0	100	9708	Z5.522.7053.0	100	9708	Z5.522.7053.0	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						
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						
IVB 1 WK 4..-2	Z7.255.4227.0	10	IVB 1 WK 4..-2	Z7.255.4227.0	10	IVB 1 WK 4..-2	Z7.255.4227.0	10
IVB 1 WK 4..-6	Z7.255.4627.0	10	IVB 1 WK 4..-6	Z7.255.4627.0	10	IVB 1 WK 4..-6	Z7.255.4627.0	10
						AD VB 4 GELB	04.326.2153.8	10
						TS 4 GELB	07.311.2153.8	10
see pages 34-41			see pages 34-41			see pages 34-41		
*) Design with test socket: CSA: 300 V EN 60 947-7-1/DIN VDE 0611 T1 – 690 V/6 kV/3 Test socket can be loaded with 1 A			*) Design with test socket: CSA: 300 V EN 60 947-7-1/DIN VDE 0611 T1 – 690 V/6 kV/3 Test socket can be loaded with 1 A					

Fuse terminals with U-foot, Type WK

The fuse terminals of this type have a hinged disconnect lever. This takes miniature fuses of 5 x 20, 5 x 25 and 5 x 30 mm (terminal width = 8 mm) or 6.3 x 32 mm (terminal width = 10 mm). The hinged lever has locking points both in the open and closed state and can be sealed.

All the terminals are available in two versions – with or without red LEDs as indicators.

When selecting G fuse links, it should be ensured that the indicated maximum leakage loss is not exceeded.¹⁾

The current is determined by the fuse that is used.¹⁾

The voltage range is specified by the built-in LED display.²⁾ Depending on the application and type of installation, the temperature-rise must be observed in closed fuse holders.

Higher ambient temperatures represent an additional load for the fuse links. The corresponding reduction of the rated current must therefore be taken into account when using the fuse links.

¹⁾ Maximum leakage loss at temperature of 23 °C
(acc. to DIN EN 60947-7-3)

Type	Rated voltage	Overload protection		Exclusive short-circuit protection	
		Individual arrangement	Group arrangement	Individual arrangement	Group arrangement
THSI 5x20/25	250 V	1.6 W	1.6 W	4.0 W	2.5 W
THSI 6.3x32	500 V	2.5 W	2.5 W	4.0 W	2.5 W
THSI 5x30	500 V	1.6 W	4.0 W	4.0 W	2.5 W

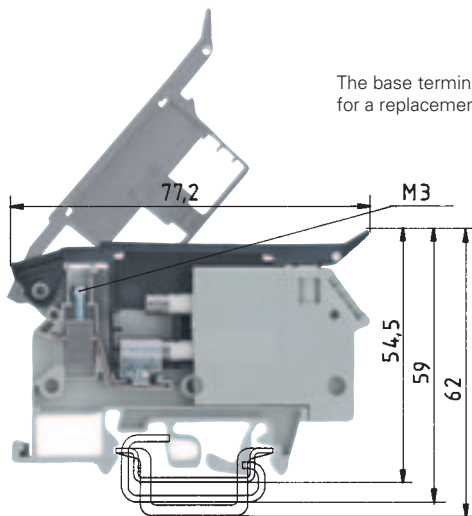
EN 60 947-7-1, EN 60 127-6

- ULData field/factory wiring

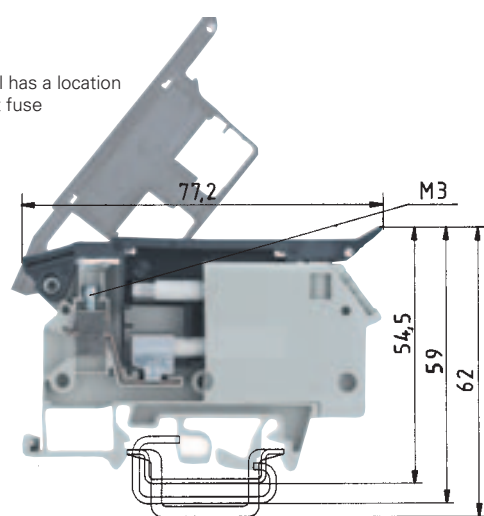
CSA Data

Overall width Insulation strip length

Approvals



for 5 mm miniature fuse



for 6.3 mm miniature fuse

WK 4 THSI 5... /U

finely stranded	single core	V	A
0.5–4 mm ²	0.5–6 mm ²	800 V/8 kV/3 ⁽²⁾	6.3 ⁽¹⁾
No. 22-10 AWG		600 V ⁽²⁾	15
No. 22-10 AWG		600 V ⁽²⁾	6.3
8 mm			8 mm

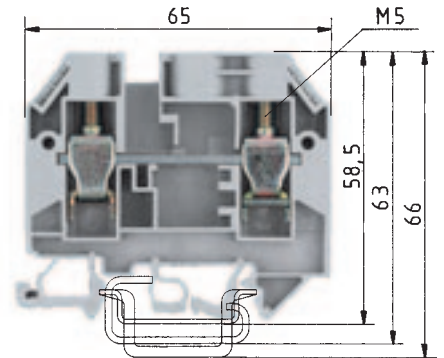
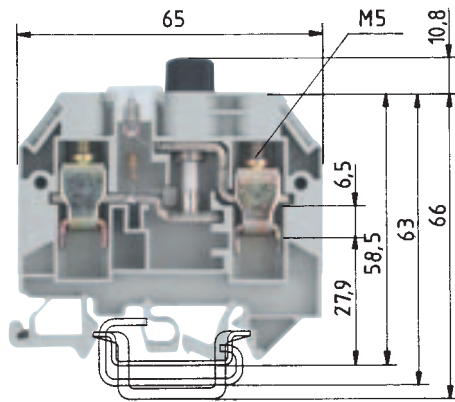
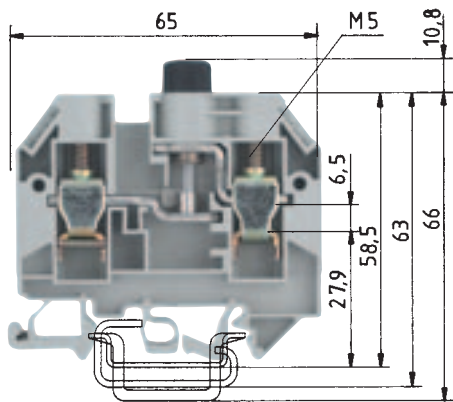


WK 4 THSI 6,3... /U

finely stranded	single core	V	A
0.5 – 4 mm ²	0.5 – 6 mm ²	800 V/8 kV/3 ⁽²⁾	10 ⁽¹⁾
No. 22-10 AWG		600 V ⁽²⁾	15
No. 22-10 AWG		600 V ⁽²⁾	10
10 mm			8 mm

[illegible]

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*1) voltage and current are determined by the integral fuse link.

¹⁾ 6.3 A up to a power loss of 1.6 W

²⁾ 10 A up to a power loss of 2.5 W

*1) voltage and current are determined by the built-in indicator and integral fuse link

³⁾ 6.3 A up to a power loss of 1.6 W

⁴⁾ 10 A up to a power loss of 2.5 W

WK 10/SI ... /U

finely stranded	single core/stranded	V	A
1 – 10 mm ²	10 – 16 mm ²	500 V/6 kV/3 ^{*)}	10 ¹⁾
No. 22-6 AWG		600 V ^{*)}	15
No. 16-6 AWG		600 V ^{*)}	max. 15
12 mm			13 mm



WK 10/SI ... /U with indicator

finely stranded	single core/stranded	V	A
1 – 10 mm ²	10 – 16 mm ²	500 V/6 kV/3 ^{*)}	max. 10 ¹⁾
No. 22-6 AWG		600 V ^{*)}	15
No. 16-6 AWG		600 V ^{*)}	max. 15
12 mm			13 mm



WK 10/SI U D

finely stranded	single core/stranded	V	A
1 – 10 mm ²	10 – 16 mm ²	500 V/6 kV/3	57
No. 22-6 AWG		600 V	50
No. 16-6 AWG		600 V	65
12 mm			13 mm



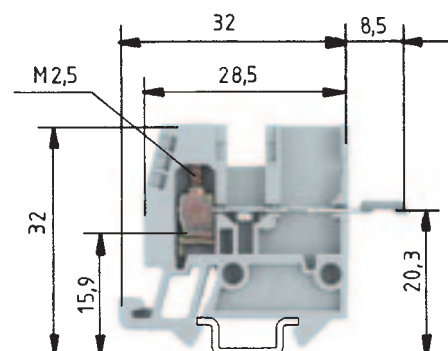
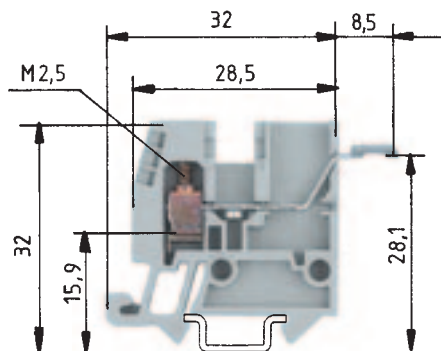
Type	Part No.	Box Qty	Type	Part No.	Box Qty	Type	Part No.	Box Qty
WK 10/SI U 5 x 20 ¹⁾²⁾	57.910.5055.0	50	WK 10/SI U 5 x 20M, NGL ³⁾⁴⁾	57.910.5455.0	50	WK 10/SI U D	57.910.4955.0	50
WK 10/SI U 5 x 25 ¹⁾²⁾	57.910.5155.0	50	WK 10/SI U 5 x 20M, GLB ³⁾⁴⁾	57.910.5855.0	50			
WK 10/SI U 5 x 30 ²⁾	57.910.5255.0	50	WK 10/SI U 6,3 x 32M, NGL ⁴⁾	57.910.5755.0	50			
WK 10/SI U 6,3 x 32 ²⁾	57.910.5355.0	50	WK 10/SI U 6,3 x 32M, GLB ⁴⁾	57.910.6155.0	50			
35 x 27 x 7,5 EN 50022	98.300.0000.0	1	35 x 27 x 7,5 EN 50022	98.300.0000.0	1	35 x 27 x 7,5 EN 50022	98.300.0000.0	1
35 x 24 x 15 EN 50022	98.360.0000.0	1	35 x 24 x 15 EN 50022	98.360.0000.0	1	35 x 24 x 15 EN 50022	98.360.0000.0	1
9006 EN 50035 G-32	98.190.0000.0	1	9006 EN 50035 G-32	98.190.0000.0	1	9006 EN 50035 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
9708	Z5.522.7053.0	100	9708	Z5.522.7053.0	100	9708	Z5.522.7053.0	100
AP 10/Si	07.311.4155.0	10	AP 10/Si	07.311.4155.0	10	AP 10/Si	07.311.4155.0	10
VB WK 10/Si-2	Z7.287.0227.0	10	VB WK 10/Si-2	Z7.287.0227.0	10	VB WK 10/Si-2	Z7.287.0227.0	10
VB WK 10/Si-3	Z7.287.0327.0	10	VB WK 10/Si-3	Z7.287.0327.0	10	VB WK 10/Si-3	Z7.287.0327.0	10
VB WK 10/Si-6	Z7.287.0627.0	10	VB WK 10/Si-6	Z7.287.0627.0	10	VB WK 10/Si-6	Z7.287.0627.0	10
	04.312.2056.0	100		04.312.2056.0	100		04.312.2056.0	100
see pages 34-41			see pages 34-41			see pages 34-41		
*1)	VDE	CSA	UL	*1)	VDE	CSA	UL	
57.910.5055.0	250 V ~	600 V	600 V	57.910.5455.0	110 - 250 V ~	500 V	150 V	
57.910.5155.0	250 V ~	600 V	600 V	Indicator red	power consumption 0.16 - 0.8 mA			
57.910.5255.0	500 V ~	600 V	600 V	57.910.5855.0	28 V ~	28 V	28 V	
57.910.5355.0	500 V ~	600 V	600 V	Indicator yellow	power consumption 24 mA			
				57.910.5755.0	110 - 500 V ~	500 V	150 V	
				Indicator red	power consumption 0.16 - 0.8 mA			
				57.910.6155.0	28 V ~	28 V	28 V	
				Indicator yellow	power consumption 24 mA			
Screw cap made from moulded plastic type 131 and silver plated brass								

TS 15
Miniature terminals, Type *WKM*

All the diagrams on these two pages have been enlarged compared to the rest of the terminals in the catalogue

The terminals WKM 2.5 F1/15 and WKM 2.5 F2/15 must be mounted alternately to maintain the required creepage distances and clearances for the indicated rated voltage.

When using switchable connecting links, a partition plate must be inserted which reduces the rated voltage to 400 V/6 kV/3.

**WKM 2,5 F1/15**

finely stranded	single core	V	A
0.5–2.5 mm ²	0.5–4 mm ²	500 V/6 kV/3	24

5 mm

9 mm

WKM 2,5 F2/15

finely stranded	single core	V	A
0.5 – 2.5 mm ²	0.5 – 4 mm ²	500 V/6 kV/3	24

5 mm

(D) 

9 mm

0344 ϵ_x || 2GD

EEEx ell

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

ULData field/factory wiring

CSA Data

KEMA 02 ATEX 2114 U¹⁾ EN 50019/EN 50014

Overall width

Insulation strip length

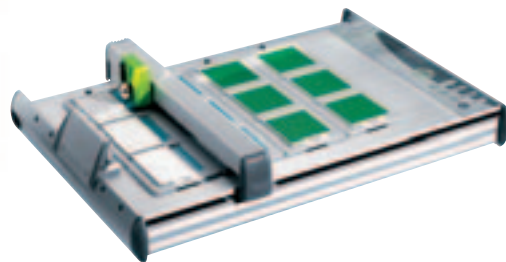
Approvals

[illegible]

Marking accessories for modular terminals

with spring clamp connection

selos



Terminal software

wieplan

wiemarc

wieplot 500

Type	Part No.	Box Qty.	Type	Part No.	Box Qty.	Type	Part No.	Box Qty.
wieplan CD	95.502.1000.0	1	wiemarc CD	95.502.0501.0	1	Description		
Description:			Description			The wiemarc customer-specific labelling data can be created on the PC for standard Wieland marking tags. This data can then be printed onto standard Wieland marker plates with the wieplot 500 plotter system.		
wieplan is a software program for the configuration of terminal strips.			wiemarc is a Windows® based plotter software (Windows 95/98/ME/NT/XP) that is able to drive the following plotter systems					
The software offers the following modules:			– wieplot MUT (Mutoh system)					
– Project administration			– wieplot 500			Resolution: 0.01 mm		
– Plausibility check			for custom printing on standard Wieland marking tags.			Accuracy: +/- 0.05 mm		
– Component selection			wiemarc makes preparing data for custom printing easier and faster than ever.			Power supply: 50/60 Hz, 100 – 240 V, Outut voltage		
– Selection of accessories			Intuitive handling allows printing of marking tag cards in single, multiple and series marking jobs.			24 V DC 1.4 A		
– Printout of drawings			Import of marking data from Excel files, text files and CAD/CAE programs is possible. wiemarc data file management is user-friendly as printing data can be stored and found very easily in the file library.			Power rating: About 0.3 A for 220 V		
– Printout of component list			wiemarc knows several special characters for electrical marking.			Approvals: UL-UL1950		
– Printout of orders			wiemarc is able to mark tags with upward or downward series, series steps can be chosen as well as leading or following characters. Multiple line printing is possible depending on tag size, number of digits and type size. Automatic adaptation of type size according to tag size and number of digits.			CSA 950 and VDE EN 60 950		
System requirements:						Interference: FCC Class B		
Pentium 2 or compatible, min. 200 MHz, CD ROM drive, 32 Mbyte RAM, VGA graphics adapter and monitor.						FCC Part 15 and VDE Class B		
						Dimensions: 660 mm x 440 mm x 125 mm		
						Weight: 8 kg		
						Interfaces: USB Level 1.1, parallel (Centronics)		
						Plotter wieplot 500 95.502.0603.0 1		
						Complete package 95.502.0604.0 1		
						consisting of:		
						– wieplot 500 plotter (incl. data cable and manual)		
						– locator for WSB* (x 4)		
						– accessories kit		
						– wiemarc software		
						Locator for WSB* 95.502.0620.0 1		
						Locator for		
						BZ/WKF 1,5 95.502.0627.0 1		
						BZ/WKF 1,5/10 95.502.0628.0 1		
						* WSB (Wieland standard marking system)		

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Accessories

Type	Part No.
Accessory kit consists of plotter pen 0.25 mm, Ink-cartridge, permanent plotter pen 0.3 mm and cleaning set.	
Accessory kit (pen basic equipment)	95.502.0610.0
Plotter pens for ROLAND and <i>wieplot</i> MUT systems:	
Plotter pen 0.18 mm	95.502.0118.0
Plotter pen 0.25 mm	95.502.0125.0
Plotter pen 0.35 mm	95.502.0135.0
Plotter pen 0.50 mm	95.502.0150.0
Plotter pen 0.70 mm	95.502.0170.0
Plotter pen 1.00 mm	95.502.0100.0
Permanent Plotter pen	
0.30 mm black	95.502.0230.0
0.70 mm black	95.502.0270.0
Permanent Plotter pen set	
consisting of black, red, blue, green pen.	
set 0.30 mm	95.502.0234.0
set 0.70 mm	95.502.0274.0
Hand pens	
Hand pen 0.25 mm	95.502.0425.0
Hand pen 0.35 mm	95.502.0435.0
Hand pen 0.50 mm	95.502.0450.0
Hand pen 0.70 mm	95.502.0470.0
Ink cartridge P1.0, 5 x 1 ml	95.502.0199.0
Cleaning set	95.502.0198.0
Pen cleaner	95.502.0197.0
Dust cover	95.502.0612.0
Service kit for pen station	95.502.0613.0
Sealing inserts	
wiemarc-Templates for Wieland cards:	
for updating existing plotter systems to wiemarc upon request	

Marker Cards:

110 tags per card, 5 x 8.3 mm		
9075 A/5/10/11	Z4.242.5053.0	10
60 tags per card, 5 x 14 mm		
9705 AL/5/10/6	Z4.242.5153.0	10
110 tags per card, 6 x 8.3 mm		
9705 A/6/10/11	Z4.242.6053.0	10
60 tags per card, 6 x 14 mm		
9705 AL/6/10/6	Z4.242.6153.0	10
70 tags per card, 8 x 8.3 mm		
9705 A/8/10/7	Z4.242.8053.0	10
For marking the centre of the terminals		
BZ/WKF 1,5	04.243.2053.0	100
For external marking		
BZ/WKF 1,5/10	Z4.243.2053.0	10

	9075A/ 5/10/11	9075AL/ 5/10/6	9075A/ 6/10/11	9075AL/ 6/10/6	9075A/ 6.7/12/7	9075AL/ 6.7/12/7	9075A/ 8/10/7
fasis							
WKF 2.5 ...	X	X					
WKF 4 ...			X	X			
WKF 6 ...					X	X*	X
WKF 10 ...	X*	X*					
WKF 16 ...			X*	X*			
WKMF 2.5 ...	X	X					
taris							
WKC 1 ...	X	X					
WKC 2.5 ...			X	X			
selos							
WK 2.5 ...	X	X					
WK 4 ...			X	X			
WK 6 ...					X*	X*	X
WKN 10 ...	X*	X*					
WKN 16 ...			X*	X*			
WKN 35 ...					X*	X*	X*
WKN 70 ...					X*	X*	
WKM 2.5 ...	X	X					
WKM 4 ...			X	X			
9220 A/6			X	X			
9700 A/5	X	X					
9700 A/6			X	X			
9700 A/8					X*	X*	X
9700 A/10	X*	X*					
9700 A/12			X*	X*			
9700 A/16					X*	X*	

* 2 strips needed for 10 terminals
+ markers must be mounted individually
Note: the AL-markers are 69% longer than the A-markers
AL/6.7 is twice as long to allow more printing area

Marking computer in a case

Marking computer for marking plates

Type	Part No.	Box Qty.
marcom 2	95.502.0000.0	1
Description:		
wieland marcom 2 is a freely programmable labelling device for marker tags on modular terminal blocks, connectors, cables and switching devices. The program technology with flexible menu-driven control produces excellent output results with little effort required.		
The input of character sequences is automatically limited by the parameters of the selected marker tag so that it is impossible to print the labels incorrectly. Repeated operations can be saved as JOBS and are available for printing without any further input. The device has a comprehensive character set available with numerical and alphanumerical characters (upper/lowercase) as well as symbols. The marcom 2 is supplied by the attached power supply unit. The marcom 2 power pack is available for mains-independent operation.		

Marking strips for modular terminals

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2,5 mm²/5 mm wide

Type	Part No.	Box Qty.
Marking strips, unmarked		
9705 A/5/10	04.242.5053.0	25
Marking strips, marked		
9705 A/5/9 B 1 - 9	04.842.4953.0	25
9705 A/5/10 B*	04.842.5053.0	25
9705 A/5/10 B 1 - 10	04.845.0153.0	25
11 - 20	04.845.0253.0	25
21 - 30	04.845.0353.0	25
31 - 40	04.845.0453.0	25
41 - 50	04.845.0553.0	25
51 - 60	04.845.0653.0	25
61 - 70	04.845.0753.0	25
71 - 80	04.845.0853.0	25
81 - 90	04.845.0953.0	25
91 - 100	04.845.1053.0	25
⊕ (10 x)	04.855.0053.0	25
≠ (10 x)	04.855.0153.0	25
+	04.855.0253.0	25
-	04.855.0353.0	25
L1 (10 x)	04.855.0453.0	25
L2 (10 x)	04.855.0553.0	25
L3 (10 x)	04.855.0653.0	25
PE (10 x)	04.855.0753.0	25
SL (10 x)	04.855.3153.0	25
N (10 x)	04.855.3253.0	25
F1 (10 x)	04.855.0953.0	25
F2 (10 x)	04.855.1053.0	25
L1, L2, L3, N, PE (2 x)	04.855.0853.0	25
with enlarged marking area		
9705 AL/5/10	04.242.5153.0	25
* Custom marking upon request		

4 mm²/6 mm wide

Type	Part No.	Box Qty.
Marking strips, unmarked		
9705 A/6/10	04.242.6053.0	25
Marking strips, marked		
9705 A/6/9 B 1 - 9	04.842.5953.0	25
9705 A/6/10 B*	04.842.6053.0	25
9705 A/6/10 B 1 - 10	04.846.0153.0	25
11 - 20	04.846.0253.0	25
21 - 30	04.846.0353.0	25
31 - 40	04.846.0453.0	25
41 - 50	04.846.0553.0	25
51 - 60	04.846.0653.0	25
61 - 70	04.846.0753.0	25
71 - 80	04.846.0853.0	25
81 - 90	04.846.0953.0	25
91 - 100	04.846.1053.0	25
⊕ (10 x)	04.856.0053.0	25
≠ (10 x)	04.856.0153.0	25
+	04.856.0253.0	25
-	04.856.0353.0	25
L1 (10 x)	04.856.0453.0	25
L2 (10 x)	04.856.0553.0	25
L3 (10 x)	04.856.0653.0	25
PE (10 x)	04.856.0753.0	25
SL (10 x)	04.856.3153.0	25
N (10 x)	04.856.3253.0	25
F1 (10 x)	04.856.0953.0	25
F2 (10 x)	04.856.1053.0	25
L1, L2, L3, N, PE (2 x)	04.856.0853.0	25
with enlarged marking area		
9705 AL/6/10	04.242.6353.0	25
* Custom marking upon request		

6 mm²/8 mm wide

Type	Part No.	Box Qty.
Marking strips, unmarked		
9705 A/8/1004.242.8053.0		25
Marking strips, marked		
9705 A/8/9 B 1 - 9	04.842.7953.0	25
9705 A/8/10 B*	04.842.8053.0	25
9705 A/8/10 B 1 - 10	04.848.0153.0	25
11 - 20	04.848.0253.0	25
21 - 30	04.848.0353.0	25
31 - 40	04.848.0453.0	25
41 - 50	04.848.0553.0	25
51 - 60	04.848.0653.0	25
61 - 70	04.848.0753.0	25
71 - 80	04.848.0853.0	25
81 - 90	04.848.0953.0	25
91 - 100	04.848.1053.0	25
⊕ (10 x)	04.858.0053.0	25
≠ (10 x)	04.858.0153.0	25
+	04.858.0253.0	25
-	04.858.0353.0	25
L1 (10 x)	04.858.0453.0	25
L2 (10 x)	04.858.0553.0	25
L3 (10 x)	04.858.0653.0	25
PE (10 x)	04.858.0753.0	25
SL (10 x)	04.858.3153.0	25
N (10 x)	04.858.3253.0	25
F1 (10 x)	04.858.0953.0	25
F2 (10 x)	04.858.1053.0	25
L1, L2, L3, N, PE (2 x)	04.858.0853.0	25
* Custom marking upon request		



10 mm²/10 mm wide

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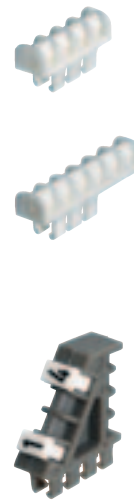
16 mm²/12 mm wide

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35 mm²/16 mm wide

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Marking accessories for modular terminals



45° angle

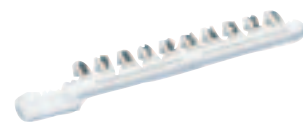
All terminal widths

Type	Part No.	Box Qty
Single tag, unmarked		
9705 A	04.242.0850.0	500
Single tag, marked		
9705 AB*	04.842.0850.0	500
Single tag, unmarked with enlarged labelling area		
9705 AL	04.242.1553.0	500
Single tag, marked with enlarged labelling area		
9705 ALB*	04.842.1553.0	500
* Individual labelling on request		

Marker tag holders

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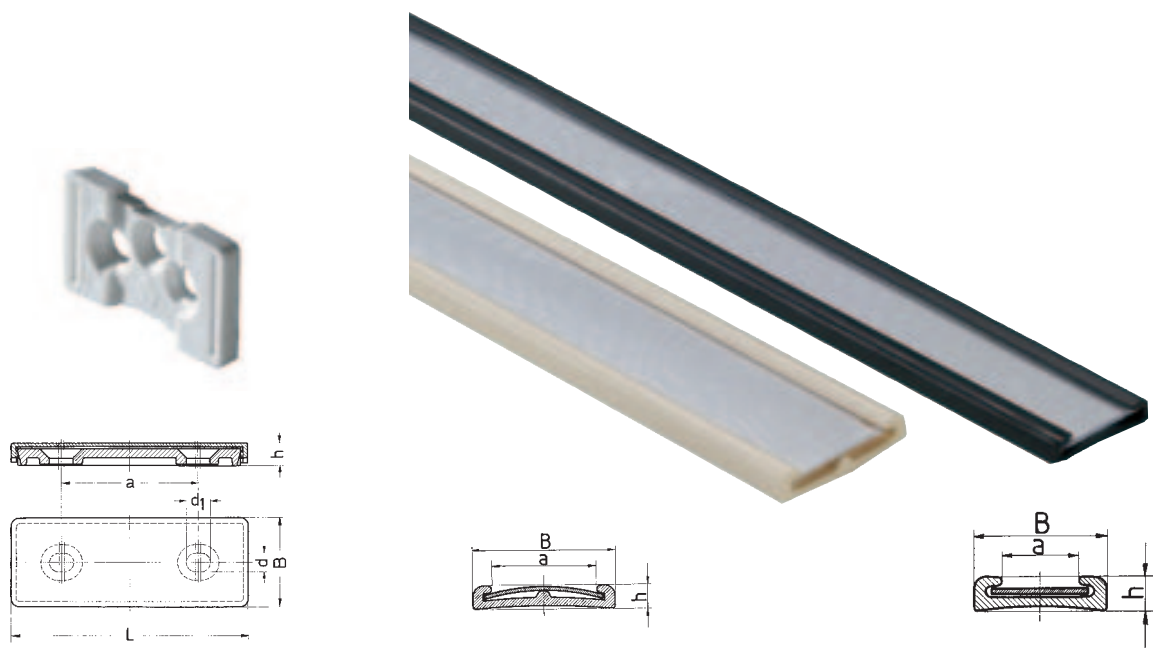


Marking branch with 10 marker tags

marked	Type	Part No.	Box Qty	marked	Type	Part No.	Box Qty	marked	Type	Part No.	Box Qty
unmarked				marked with identical uppercase letters				marked with identical lowercase letters			
9704 A		04.241.1150.0	25	A 9704 A/AG B		04.841.2250.0	25	a 9704 A/AK B		04.841.4850.0	25
marked with the same number				B 9704 A/BG B		04.841.2350.0	25	b 9704 A/BK B		04.841.4950.0	25
1 9704 A/1 B		04.841.1150.0	25	C 9704 A/CG B		04.841.2450.0	25	c 9704 A/CK B		04.841.5050.0	25
2 9704 A/2 B		04.841.1250.0	25	D 9704 A/DG B		04.841.2550.0	25	d 9704 A/DK B		04.841.5150.0	25
3 9704 A/3 B		04.841.1350.0	25	E 9704 A/EG B		04.841.2650.0	25	e 9704 A/EK B		04.841.5250.0	25
4 9704 A/4 B		04.841.1450.0	25	F 9704 A/FG B		04.841.2750.0	25	f 9704 A/FK B		04.841.5350.0	25
5 9704 A/5 B		04.841.1550.0	25	G 9704 A/GG B		04.841.2850.0	25	g 9704 A/GK B		04.841.5450.0	25
6 9704 A/6 B		04.841.1650.0	25	H 9704 A/HG B		04.841.2950.0	25	h 9704 A/HK B		04.841.5550.0	25
7 9704 A/7 B		04.841.1750.0	25	I 9704 A/IG B		04.841.3050.0	25	i 9704 A/IK B		04.841.5650.0	25
8 9704 A/8 B		04.841.1850.0	25	J 9704 A/JG B		04.841.3150.0	25	j 9704 A/JK B		04.841.5750.0	25
9 9704 A/9 B		04.841.1950.0	25	K 9704 A/KG B		04.841.3250.0	25	k 9704 A/KK B		04.841.5850.0	25
0 9704 A/0 B		04.841.2050.0	25	L 9704 A/LG B		04.841.3350.0	25	l 9704 A/LK B		04.841.5950.0	25
marked with consecutive numbers				M 9704 A/MG B		04.841.3450.0	25	m 9704 A/MK B		04.841.6050.0	25
1-0 9704 A/1-0 B		04.841.2150.0	25	N 9704 A/NG B		04.841.3550.0	25	n 9704 A/NK B		04.841.6150.0	25
marked with the same symbol				O 9704 A/OG B		04.841.3650.0	25	o 9704 A/OK B		04.841.6250.0	25
+ 9704 A/+ B		04.841.7450.0	25	P 9704 A/PG B		04.841.3750.0	25	p 9704 A/PK B		04.841.6350.0	25
- 9704 A/- B		04.841.7550.0	25	Q 9704 A/QG B		04.841.3850.0	25	q 9704 A/QK B		04.841.6450.0	25
/ 9704 A// B		04.841.7650.0	25	R 9704 A/RG B		04.841.3950.0	25	r 9704 A/RK B		04.841.6550.0	25
. 9704 A/. B		04.841.7750.0	25	S 9704 A/SG B		04.841.4050.0	25	s 9704 A/SK B		04.841.6650.0	25
1 set of identical numbers				T 9704 A/TG B		04.841.4150.0	25	t 9704 A/TK B		04.841.6750.0	25
= 10 x 25 branches = 2500 digits				U 9704 A/UG B		04.841.4250.0	25	u 9704 A/UK B		04.841.6850.0	25
111 bis 000		04.841.9050.0	1	V 9704 A/VG B		04.841.4350.0	25	v 9704 A/VK B		04.841.6950.0	25
1 set of upper case letters				W 9704 A/WG B		04.841.4450.0	25	w 9704 A/WK B		04.841.7050.0	25
= 26 x 25 branches = 6500 digits				X 9704 A/XG B		04.841.4550.0	25	x 9704 A/XK B		04.841.7150.0	25
A bis Z GB		04.841.9150.0	1	Y 9704 A/YG B		04.841.4650.0	25	y 9704 A/YK B		04.841.7250.0	25
1 set of lower case letters				Z 9704 A/ZG B		04.841.4750.0	25	z 9704 A/ZK B		04.841.7350.0	25
= 26 x 25 branches = 6500 digitsa bis z KB											
		04.841.9250.0	1								
Assortment with 50 letters											
1-0		04.900.1053.0	1								
Material: Polyamide 66/6 white*, marked with black figures											

Marking accessories for modular terminals

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Marker tags

Supplied unassembled

Type	Part No.	Box Qty
Design N:		
Materials:		
Special light resistant plastic, transparent, box of white labels		
300 B	90.100.1154.0	100
300	90.100.0554.0	100
301	90.100.0754.0	100
303	90.100.0854.0	100
305	90.100.1054.0	100
Design K:		
Box of labels in perforated sheets for creating labels		
300 BK	90.100.1354.0	100
300 K	90.100.1254.0	100
301 K	90.100.1454.0	100
303 K	90.100.1554.0	100
305 K	90.100.1654.0	100
L	B	h
30	17.5	4
45	17.5	4
60	30	7
90	40	8
140	55	8

Marking strips

Type	Part No.	Box Qty
Design in black and ivory PVC		
1 m long with box of labels (white) and plastic foil cover		
319/13,5 K elf.	90.800.1055.8	10
319/17,5 K elf.	90.800.2055.8	10
319/13,5 K schwarz	90.800.1055.1	10
319/17,5 K schwarz	90.800.2055.1	10
L	B	h
1000	20	4
1000	24	4
1000	30.5	4
1000	20	4
1000	24	4
1000	30.5	4

Marking strips

Type	Part No.	Box Qty
Design in PVC		
1 m long with box of labels and plastic foil cover		
315 GK	90.810.3055.0	10
without box, with plastic foil opaque wide		
315 GC	90.811.3055.0	10
Sealing end		
315 E	05.590.0052.0	100
L	B	h
1000	16	4
1000	16	4

Material:

Polypropylene clear

30

3

24

30

3.3

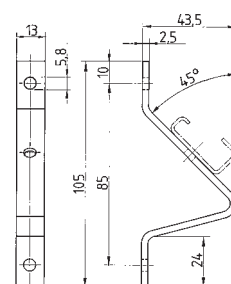
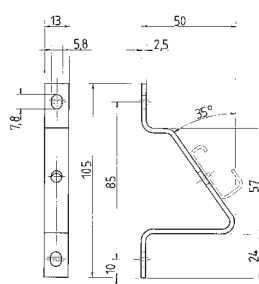
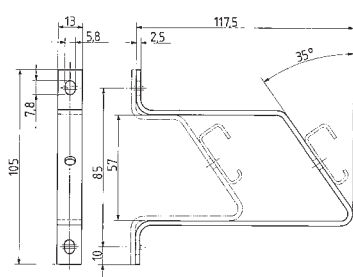
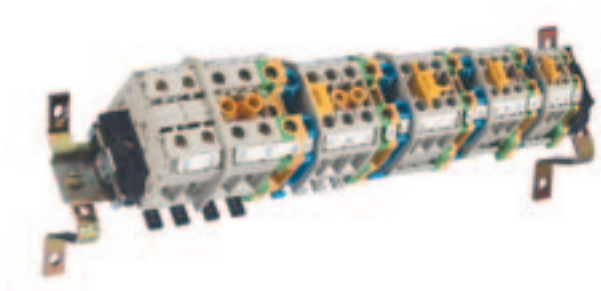
6.2

Polypropylene clear

Technical drawing of a clear polypropylene container. The drawing includes a side view on the left showing a height of 3 and a textured top surface. The main view is a top-down perspective of the container open, showing two rectangular compartments. The overall width is 30, the overall height is 30, and the width of each compartment is 25. The distance between the inner walls of the compartments is 14,1. A small detail view at the bottom shows the container's base.

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Accessories for modular terminals



Angled support bracket

[illegible]

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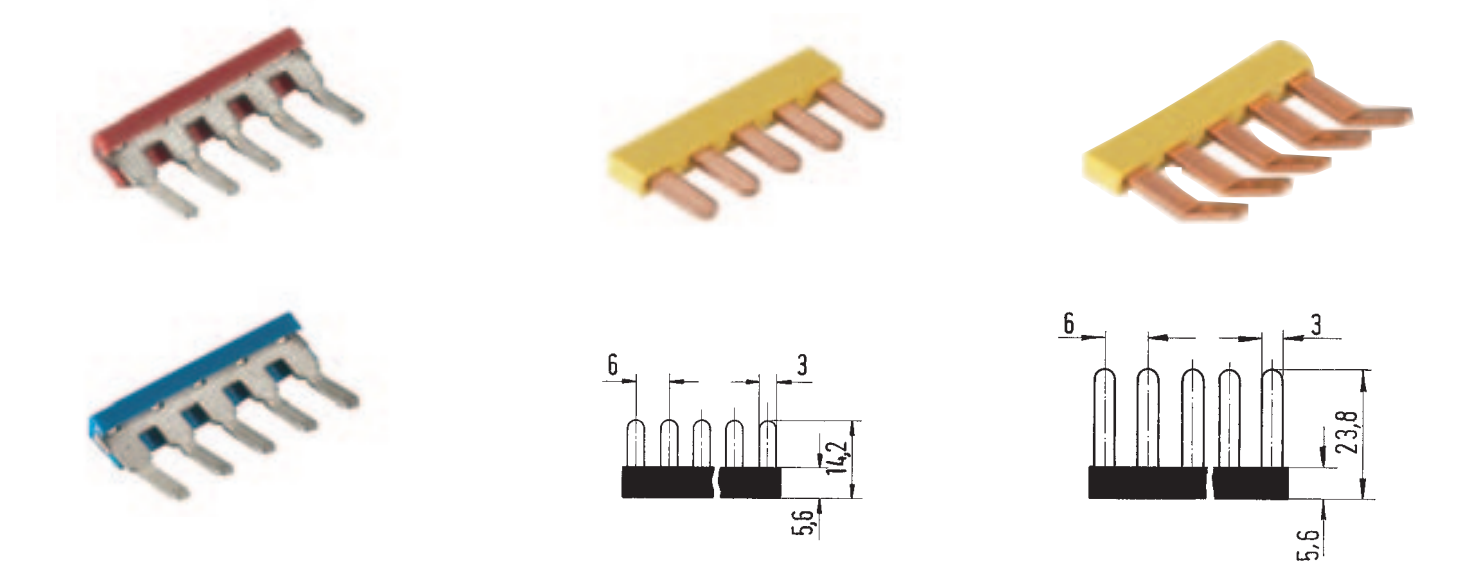
Connecting combs, uninsulated

(for rated voltage up to 50 V)

Type	Part No.	Box Qty	Type	Part No.	Box Qty
WK 4 E/U			WK 4 TKM/U		
1 mm thick			WK 4/U		
			WK 4 TKS D/U		
			WK 4 TKG-TRST/U		
			0.5 mm thick		
2 pole VB WK 4 E-2	07.255.2227.0	10	2 pole VB 0,5 WK 4..-2	07.255.0227.0	50
3 pole VB WK 4 E-3	07.255.2327.0	10	3 pole VB 0,5 WK 4..-3	07.255.0327.0	50
4 pole VB WK 4 E-4	07.255.2427.0	10	4 pole VB 0,5 WK 4..-4	07.255.0427.0	50
5 pole VB WK 4 E-5	07.255.2527.0	10	5 pole VB 0,5 WK 4..-5	07.255.0527.0	10
6 pole VB WK 4 E-6	07.255.2627.0	10	6 pole VB 0,5 WK 4..-6	07.255.0627.0	10
7 pole VB WK 4 E-7	07.255.2727.0	10	7 pole VB 0,5 WK 4..-7	07.255.0727.0	50
8 pole VB WK 4 E-8	07.255.2827.0	10	8 pole VB 0,5 WK 4..-8	07.255.0827.0	10
9 pole VB WK 4 E-9	07.255.2927.0	10	9 pole VB 0,5 WK 4..-9	07.255.0927.0	50
10 pole VB WK 4 E-10	07.255.3027.0	10	10 pole VB 0,5 WK 4..-10	07.255.1027.0	50
11 pole VB WK 4 E-11	07.255.3127.0	10	11 pole VB 0,5 WK 4..-11	07.255.1127.0	50
12 pole VB WK 4 E-12	07.255.3227.0	10	12 pole VB 0,5 WK 4..-12	07.255.1227.0	10
70 pole VB WK 4 EM-70	07.255.2027.0	10	70 pole VB 0,5 WK 4.. M-70	07.255.0027.0	10
1 mm thick, angled			1 mm thick		
2 pole VBS WK 4 E-2	07.256.4227.0	10	2 pole VB 1 WK 4..-2	07.255.4227.0	10
3 pole VBS WK 4 E-3	07.256.4327.0	10	3 pole VB 1 WK 4..-3	07.255.4327.0	10
4 pole VBS WK 4 E-4	07.256.4427.0	10	4 pole VB 1 WK 4..-4	07.255.4427.0	10
5 pole VBS WK 4 E-5	07.256.4527.0	10	5 pole VB 1 WK 4..-5	07.255.4527.0	10
6 pole VBS WK 4 E-6	07.256.4627.0	10	6 pole VB 1 WK 4..-6	07.255.4627.0	10
7 pole VBS WK 4 E-7	07.256.4727.0	10	7 pole VB 1 WK 4..-7	07.255.4727.0	10
8 pole VBS WK 4 E-8	07.256.4827.0	10	8 pole VB 1 WK 4..-8	07.255.4827.0	10
9 pole VBS WK 4 E-9	07.256.4927.0	10	9 pole VB 1 WK 4..-9	07.255.4927.0	10
10 pole VBS WK 4 E-10	07.256.5027.0	10	10 pole VB 1 WK 4..-10	07.255.5027.0	10
11 pole VBS WK 4 E-11	07.256.5127.0	10	11 pole VB 1 WK 4..-11	07.255.5127.0	10
12 pole VBS WK 4 E-12	07.256.5227.0	10	12 pole VB 1 WK 4..-12	07.255.5227.0	10
			70 pole VB 1 WK 4.. M-70	07.255.4027.0	10

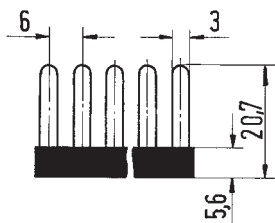
Accessories for modular terminals

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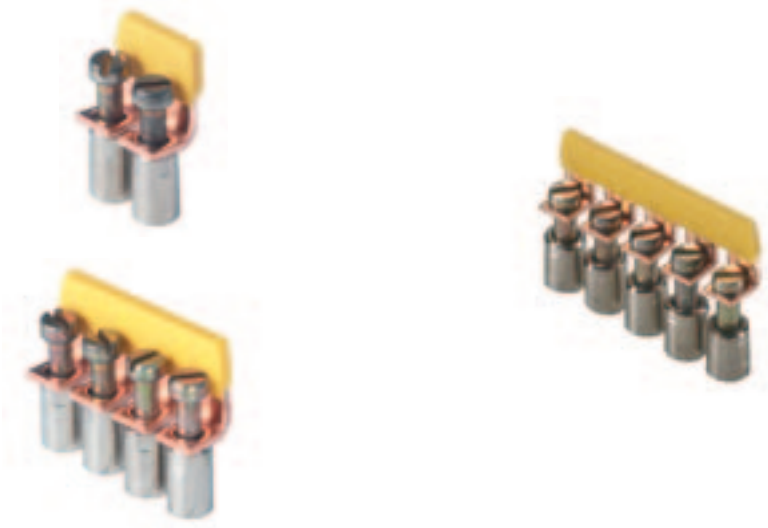
Connecting combs, insulated

Type	Part No.	Box Qty	Type	Part No.	Box Qty	Type	Part No.	Box Qty
for terminal type			WK 4 E/U			WK 4 E/U		
			1 mm thick			1 mm thick, angled		
WK 2,5-4 KI/U			2 pole IVB WK 4 E-2	Z7.255.2227.0	10	2 pole IVBS WK 4 E-2	Z7.256.4227.0	10
WK 2,5-4 KI/U-NGN			3 pole IVB WK 4 E-3	Z7.255.2327.0	10	3 pole IVBS WK 4 E-3	Z7.256.4327.0	10
WK 2,5-4 KI/U-PGN			4 pole IVB WK 4 E-4	Z7.255.2427.0	10	4 pole IVBS WK 4 E-4	Z7.256.4427.0	10
WK 2,5-4 KI SL			5 pole IVB WK 4 E-5	Z7.255.2527.0	10	5 pole IVBS WK 4 E-5	Z7.256.4527.0	10
WK 2,5-4 KI SL-NGN			6 pole IVB WK 4 E-6	Z7.255.2627.0	10	6 pole IVBS WK 4 E-6	Z7.256.4627.0	10
WK 2,5-4 KI SL-PGN			7 pole IVB WK 4 E-7	Z7.255.2727.0	10	7 pole IVBS WK 4 E-7	Z7.256.4727.0	10
WK 2,5-3 D/U			8 pole IVB WK 4 E-8	Z7.255.2827.0	10	8 pole IVBS WK 4 E-8	Z7.256.4827.0	10
WK 2,5-3 D/U-NGN			9 pole IVB WK 4 E-9	Z7.255.2927.0	10	9 pole IVBS WK 4 E-9	Z7.256.4927.0	10
WK 2,5-3 D/U-PGN			10 pole IVB WK 4 E-10	Z7.255.3027.0	10	10 pole IVBS WK 4 E-10	Z7.256.5027.0	10
WK 2,5-3 D SL			11 pole IVB WK 4 E-11	Z7.255.3127.0	10	11 pole IVBS WK 4 E-11	Z7.256.5127.0	10
WK 2,5-3 D SL-NGN			12 pole IVB WK 4 E-12	Z7.255.3227.0	10	12 pole IVBS WK 4 E-12	Z7.256.5227.0	10
WK 2,5-3 D SL-PGN								
0.8 mm thick, angled			Only for lower terminal block			Only for lower terminal block		
2 pole IVB WK 2,5-K-2 rot	Z7.267.0227.5	10						
3 pole IVB WK 2,5-K-3 rot	Z7.267.0327.5	10						
4 pole IVB WK 2,5-K-4 rot	Z7.267.0427.5	10						
5 pole IVB WK 2,5-K-5 rot	Z7.267.0527.5	10						
6 pole IVB WK 2,5-K-6 rot	Z7.267.0627.5	10						
7 pole IVB WK 2,5-K-7 rot	Z7.267.0727.5	10						
8 pole IVB WK 2,5-K-8 rot	Z7.267.0827.5	10						
9 pole IVB WK 2,5-K-9 rot	Z7.267.0927.5	10						
10 pole IVB WK 2,5-K-10 rot	Z7.267.1027.5	10						
11 pole IVB WK 2,5-K-11 rot	Z7.267.1127.5	10						
12 pole IVB WK 2,5-K-12 rot	Z7.267.1227.5	10						
70 pole IVB WK 2,5-K M-70 rot	Z7.267.0027.5	10						
0.8 mm thick, angled								
2 pole IVB WK 2,5-K-2 blau	Z7.267.0227.6	10						
3 pole IVB WK 2,5-K-3 blau	Z7.267.0327.6	10						
4 pole IVB WK 2,5-K-4 blau	Z7.267.0427.6	10						
5 pole IVB WK 2,5-K-5 blau	Z7.267.0527.6	10						
6 pole IVB WK 2,5-K-6 blau	Z7.267.0627.6	10						
7 pole IVB WK 2,5-K-7 blau	Z7.267.0727.6	10						
8 pole IVB WK 2,5-K-8 blau	Z7.267.0827.6	10						
9 pole IVB WK 2,5-K-9 blau	Z7.267.0927.6	10						
10 pole IVB WK 2,5-K-10 blau	Z7.267.1027.6	10						
11 pole IVB WK 2,5-K-11 blau	Z7.267.1127.6	10						
12 pole IVB WK 2,5-K-12 blau	Z7.267.1227.6	10						
70 pole IVB WK 2,5-K M-70 blau	Z7.267.0027.6	10						

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Accessories for modular terminals

selos



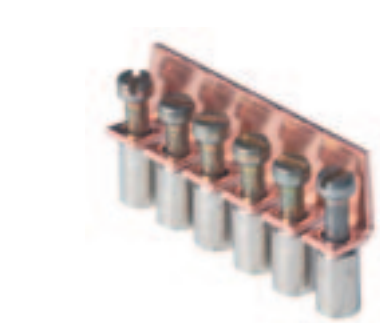
Jumper bars, insulated

Type	Part No.	Box Qty	Type	Part No.	Box Qty	Type	Part No.	Box Qty
for terminal type			WK 4/U	pitch	screw	WK 4 E/U	pitch	screw
			WK 4 TKS D/U	6 mm	M 3	WKM 4	6 mm	M 3
WK 2,5 U	pitch	screw	2 pole IVB WK 4-2	Z7.281.1227.0	10	2 pole IVB WK 4E/U-2	Z7.271.2227.0	10
	5 mm	M 2.5	3 pole IVB WK 4-3	Z7.281.1327.0	10	3 pole IVB WK 4E/U-3	Z7.271.2327.0	10
2 pole IVB WK 2,5-2	Z7.280.2227.0	10	4 pole IVB WK 4-4	Z7.281.1427.0	10	4 pole IVB WK 4E/U-4	Z7.271.2427.0	10
3 pole IVB WK 2,5-3	Z7.280.2327.0	10	5 pole IVB WK 4-5	Z7.281.1527.0	10	5 pole IVB WK 4E/U-5	Z7.271.2527.0	10
4 pole IVB WK 2,5-4	Z7.280.2427.0	10	6 pole IVB WK 4-6	Z7.281.1627.0	10	6 pole IVB WK 4E/U-6	Z7.271.2627.0	10
5 pole IVB WK 2,5-5	Z7.280.2527.0	10	7 pole IVB WK 4-7	Z7.281.1727.0	10	7 pole IVB WK 4E/U-7	Z7.271.2727.0	10
6 pole IVB WK 2,5-6	Z7.280.2627.0	10	8 pole IVB WK 4-8	Z7.281.1827.0	10	8 pole IVB WK 4E/U-8	Z7.271.2827.0	10
7 pole IVB WK 2,5-7	Z7.280.2727.0	10	9 pole IVB WK 4-9	Z7.281.1927.0	10	9 pole IVB WK 4E/U-9	Z7.271.2927.0	10
8 pole IVB WK 2,5-8	Z7.280.2827.0	10	10 pole IVB WK 4-10	Z7.281.2027.0	10	10 pole IVB WK 4E/U-10	Z7.271.3027.0	10
9 pole IVB WK 2,5-9	Z7.280.2927.0	10	11 pole IVB WK 4-11	Z7.281.2127.0	10	11 pole IVB WK 4E/U-11	Z7.271.3127.0	10
10 pole IVB WK 2,5-10	Z7.280.3027.0	10	12 pole IVB WK 4-12	Z7.281.2227.0	10	12 pole IVB WK 4E/U-12	Z7.271.3227.0	10
11 pole IVB WK 2,5-11	Z7.280.3127.0	10						
12 pole IVB WK 2,5-12	Z7.280.3227.0	10						
WK 2,5-3 D/U	pitch	screw				WK 4/D 1/2 U	pitch	screw
WK 2,5-3 D SL	6 mm	M 2.5				WK 4/D 2/2 U	6 mm	M 3
2 pole IVB WK 2,5-3 D-2	Z7.270.0227.0	10				2 pole IVB WK 4/D.-2	Z7.281.7227.0	10
3 pole IVB WK 2,5-3 D-3	Z7.270.0327.0	10				3 pole IVB WK 4/D.-3	Z7.281.7327.0	10
4 pole IVB WK 2,5-3 D-4	Z7.270.0427.0	10				4 pole IVB WK 4/D.-4	Z7.281.7427.0	10
5 pole IVB WK 2,5-3 D-5	Z7.270.0527.0	10				5 pole IVB WK 4/D.-5	Z7.281.7527.0	10
6 pole IVB WK 2,5-3 D-6	Z7.270.0627.0	10				6 pole IVB WK 4/D.-6	Z7.281.7627.0	10
7 pole IVB WK 2,5-3 D-7	Z7.270.0727.0	10				7 pole IVB WK 4/D.-7	Z7.281.7727.0	10
8 pole IVB WK 2,5-3 D-8	Z7.270.0827.0	10				8 pole IVB WK 4/D.-8	Z7.281.7827.0	10
9 pole IVB WK 2,5-3 D-9	Z7.270.0927.0	10				9 pole IVB WK 4/D.-9	Z7.281.7927.0	10
10 pole IVB WK 2,5-3 D-10	Z7.270.1027.0	10				10 pole IVB WK 4/D.-10	Z7.281.8027.0	10
11 pole IVB WK 2,5-3 D-11	Z7.270.1127.0	10				11 pole IVB WK 4/D.-11	Z7.281.8127.0	10
12 pole IVB WK 2,5-3 D-12	Z7.270.1227.0	10				12 pole IVB WK 4/D.-12	Z7.281.8227.0	10
70 pole IVB WK 2,5-3 D M-70	Z7.270.0027.0	10						
						WK 4/DEU	pitch	screw
							6 mm	M 3
						2 pole IVB WK 4/DEU-2	Z7.271.0227.0	10
						3 pole IVB WK 4/DEU-3	Z7.271.0327.0	10
						4 pole IVB WK 4/DEU-4	Z7.271.0427.0	10
						5 pole IVB WK 4/DEU-5	Z7.271.0527.0	10
						6 pole IVB WK 4/DEU-6	Z7.271.0627.0	10
						7 pole IVB WK 4/DEU-7	Z7.271.0727.0	10
						8 pole IVB WK 4/DEU-8	Z7.271.0827.0	10
						9 pole IVB WK 4/DEU-9	Z7.271.0927.0	10
						10 pole IVB WK 4/DEU-10	Z7.271.1027.0	10
						11 pole IVB WK 4/DEU-11	Z7.271.1127.0	10
						12 pole IVB WK 4/DEU-12	Z7.271.1227.0	10

Type	Part No.	Box Qty	Type	Part No.	Box Qty
WK 6/U	pitch 8 mm	screw M 3.5	WKN 16/U	pitch 12 mm	screw M 4
2 pole IVB WK 6-2	Z7.282.2227.0	10	2 pole IVB WKN 16-2	Z7.284.2227.0	10
3 pole IVB WK 6-3	Z7.282.2327.0	10	3 pole IVB WKN 16-3	Z7.284.2327.0	10
4 pole IVB WK 6-4	Z7.282.2427.0	10	4 pole IVB WKN 16-4	Z7.284.2427.0	10
5 pole IVB WK 6-5	Z7.282.2527.0	10	5 pole IVB WKN 16-5	Z7.284.2527.0	10
6 pole IVB WK 6-6	Z7.282.2627.0	10	6 pole IVB WKN 16-6	Z7.284.2627.0	10
7 pole IVB WK 6-7	Z7.282.2727.0	10	7 pole IVB WKN 16-7	Z7.284.2727.0	10
8 pole IVB WK 6-8	Z7.282.2827.0	10	8 pole IVB WKN 16-8	Z7.284.2827.0	10
9 pole IVB WK 6-9	Z7.282.2927.0	10	9 pole IVB WKN 16-9	Z7.284.2927.0	10
10 pole IVB WK 6-10	Z7.282.3027.0	10	10 pole IVB WKN 16-10	Z7.284.3027.0	10
11 pole IVB WK 6-11	Z7.282.3127.0	10	11 pole IVB WKN 16-11	Z7.284.3127.0	10
12 pole IVB WK 6-12	Z7.282.3227.0	10	12 pole IVB WKN 16-12	Z7.284.3227.0	10
			30 pole IVB WKN 16 M-30	Z7.284.2027.0	10
WKN 10/U	pitch 10 mm	screw M 3.5	WKN 35/U	pitch 16 mm	screw M 5
2 pole IVB WKN 10-2	Z7.283.2227.0	10	2 pole IVB WKN 35-2	Z7.285.2227.0	5
3 pole IVB WKN 10-3	Z7.283.2327.0	10	3 pole IVB WKN 35-3	Z7.285.2327.0	5
4 pole IVB WKN 10-4	Z7.283.2427.0	10	4 pole IVB WKN 35-4	Z7.285.2427.0	5
5 pole IVB WKN 10-5	Z7.283.2527.0	10	5 pole IVB WKN 35-5	Z7.285.2527.0	5
6 pole IVB WKN 10-6	Z7.283.2627.0	10	6 pole IVB WKN 35-6	Z7.285.2627.0	5
7 pole IVB WKN 10-7	Z7.283.2727.0	10	7 pole IVB WKN 35-7	Z7.285.2727.0	5
8 pole IVB WKN 10-8	Z7.283.2827.0	10	8 pole IVB WKN 35-8	Z7.285.2827.0	5
9 pole IVB WKN 10-9	Z7.283.2927.0	10	9 pole IVB WKN 35-9	Z7.285.2927.0	5
10 pole IVB WKN 10-10	Z7.283.3027.0	10	10 pole IVB WKN 35-10	Z7.285.3027.0	5
11 pole IVB WKN 10-11	Z7.283.3127.0	10	11 pole IVB WKN 35-11	Z7.285.3127.0	5
12 pole IVB WKN 10-12	Z7.283.3227.0	10	12 pole IVB WKN 35-12	Z7.285.3227.0	5
			20 pole IVB WKN 35 M-20	Z7.285.2027.0	10

Accessories for modular terminals

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**Jumper bars,
uninsulated**

Type	Part No.	Box Qty	Type	Part No.	Box Qty	Type	Part No.	Box Qty
for terminal type			WK 4/U	pitch	screw	WK 6/U	pitch	screw
WK 2,5/U	pitch	screw	WK 4TKS D/U	6 mm	M 3	WK 10/Si U 5 x 20	8 mm	M 3.5
WKN 2,5 E/U	5 mm	M 2,5	2 pole VB WK 4-2	Z7.281.0227.0	10	2 pole VB WK 6-2	Z7.282.0227.0	10
2 pole VB WK 2,5-2	Z7.280.0227.0	10	3 pole VB WK 4-3	Z7.281.0327.0	10	3 pole VB WK 6-3	Z7.282.0327.0	10
3 pole VB WK 2,5-3	Z7.280.0327.0	10	4 pole VB WK 4-4	Z7.281.0427.0	10	4 pole VB WK 6-4	Z7.282.0427.0	10
4 pole VB WK 2,5-4	Z7.280.0427.0	10	5 pole VB WK 4-5	Z7.281.0527.0	10	5 pole VB WK 6-5	Z7.282.0527.0	10
5 pole VB WK 2,5-5	Z7.280.0527.0	10	6 pole VB WK 4-6	Z7.281.0627.0	10	6 pole VB WK 6-6	Z7.282.0627.0	10
6 pole VB WK 2,5-6	Z7.280.0627.0	10	70 pole VB WK 4 M-70	Z7.281.0027.0	10	40 pole VB WK 6 M-40	Z7.282.0027.0	10
80 pole VB WK 2,5 M-80	Z7.280.0027.0	10	30 pole, each 2nd pole	Z7.281.1027.0	10			
40 pole, each 2nd pole	Z7.280.1027.0	10						
WKM 2,5/15	pitch	screw	WK 4/D 1/2 U	pitch	screw	WK 10/Si U 5 x 25	pitch	screw
WKM 2,5 F1/15	5 mm	M 2,5	WK 4/D 2/2 U	6 mm	M 3	WK 10/Si U 5 x 30	12 mm	M 3
WKM 2,5 F2/15			2 pole VB WK 4 D..-2	Z7.281.6227.0	10	WK 10/Si U 6,3 x 32		
2 pole VB WKM 2,5/15-2	Z7.215.4227.0	50	3 pole VB WK 4 D..-3	Z7.281.6327.0	10	WK 10/Si UD		
3 pole VB WKM 2,5/15-3	Z7.215.4327.0	50	4 pole VB WK 4 D..-4	Z7.281.6427.0	10	2 pole VB WK 10/Si-2	Z7.287.0227.0	10
4 pole VB WKM 2,5/15-4	Z7.215.4427.0	50	5 pole VB WK 4 D..-5	Z7.281.6527.0	10	3 pole VB WK 10/Si-3	Z7.287.0327.0	10
5 pole VB WKM 2,5/15-5	Z7.215.4527.0	50	6 pole VB WK 4 D..-6	Z7.281.6627.0	10	4 pole VB WK 10/Si-4	Z7.287.0427.0	10
6 pole VB WKM 2,5/15-6	Z7.215.4627.0	50	70 pole VB WK 4 D.. M-70	Z7.281.6027.0	10	5 pole VB WK 10/Si-5	Z7.287.0527.0	10
60 pole VB WKM 2,5/15 M-60	Z7.215.4027.0	10				6 pole VB WK 10/Si-6	Z7.287.0627.0	10
			WKM 4/15	pitch	screw	30 pole VB WK 10/Si M-30	Z7.287.0027.0	10
			WK 4/D EU	6 mm	M 3			
			WK 4 E/U		for the upper tier only	WKN 10/U	pitch	screw
			WK 4 E/U GU ORANGE			WK 10/U	10 mm	M 3.5
			WK 4 E/U GO			2 pole VB WKN 10-2	Z7.283.6227.0	10
			WK 4 E/U G2			3 pole VB WKN 10-3	Z7.283.6327.0	10
			WK 4 E/U G1 ORANGE			4 pole VB WKN 10-4	Z7.283.6427.0	10
			WK 4 E/U G-URL			5 pole VB WKN 10-5	Z7.283.6527.0	10
			WK 4 E/U G-ULR			6 pole VB WKN 10-6	Z7.283.6627.0	10
			WK 4 E/U V B SCHWARZ			40 pole VB WKN 10 M-40	Z7.283.6027.0	10
			2 pole 9215 - 2	Z7.210.3227.0	50			
			3 pole 9215 - 3	Z7.210.3327.0	50	WKN 70/U	pitch	screw
			4 pole 9215 - 4	Z7.210.3427.0	50	WKN 70/U	24 mm	M 6
			5 pole 9215 - 5	Z7.210.3527.0	50	2 pole VB WKN 70-2	Z7.286.3227.0	5
			6 pole 9215 - 6	Z7.210.3627.0	50	3 pole VB WKN 70-3	Z7.286.3327.0	5
			70 pole 9215 M-70	Z7.210.3027.0	10	4 pole VB WKN 70-4	Z7.286.3427.0	5
						5 pole VB WKN 70-5	Z7.286.3527.0	5
						6 pole VB WKN 70-6	Z7.286.3627.0	5
						WKN 150/U	pitch	screw
						WKN 150/U	28 mm	M 8
						2 pole VB WKN 150-2	Z7.287.1227.0	5
						3 pole VB WKN 150-3	Z7.287.1327.0	5

selos

**Accessories
for modular terminals**



Single cover

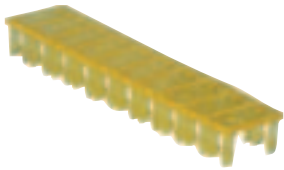
for jumper bar

[illegible]



- with marking facility

**Accessories
for modular terminals**



Cover for 10 terminals

[illegible]

Cover for 10 terminals
opening for test probe

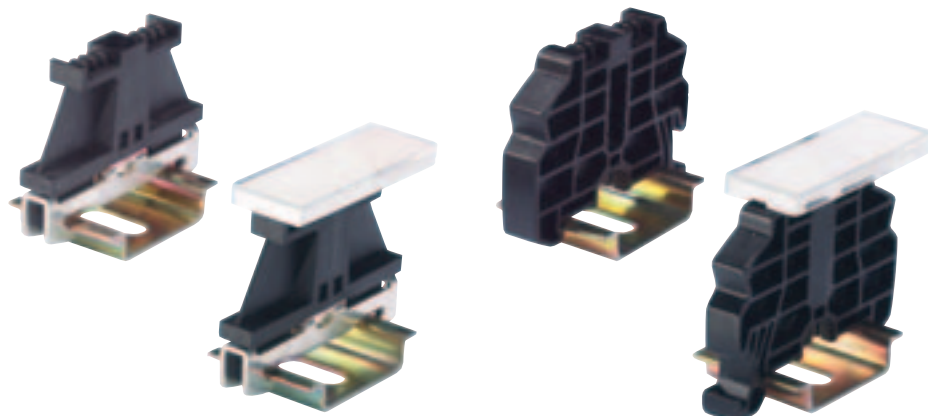
[illegible]

Cover strip with warning symbol

[illegible]

[illegible]

**Accessories
for modular terminals**



End clamp for TS 35 with screw fixing

End clamp for TS 35
Screwless fixing

[illegible]



End clamp for TS 15

Accessories for modular terminals





Test plugs

for WK 4 modular terminals

with locking device and strain relief

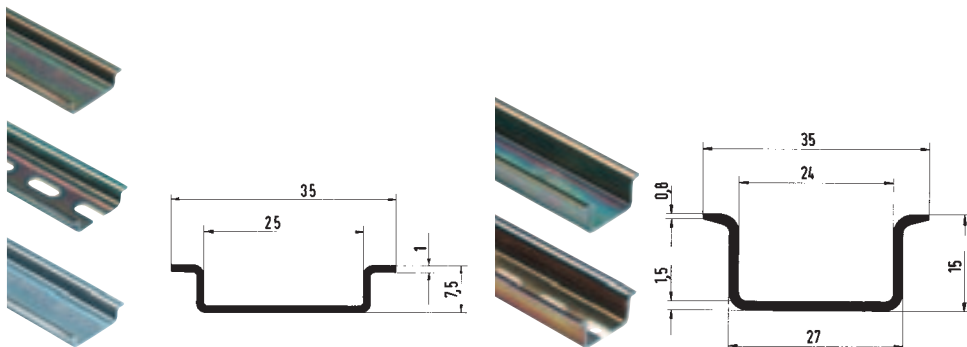
$$I_{\min} = 10 \text{ mA}$$
$$I_{\max} = 3,5 \text{ A}$$
$$U_{\min} = 10 \text{ V}$$
$$U_{\max} = 250 \text{ V} \sim 300 \text{ V}$$

Rapid mounting handle

for terminals up to 6 mm²

[illegible]

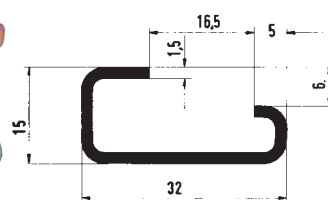
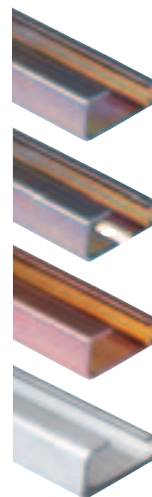
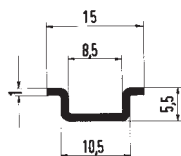
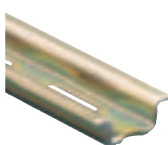
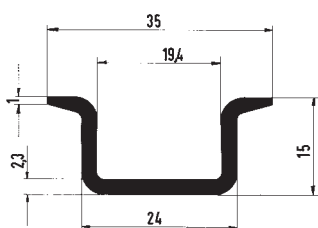
**Accessories
for modular terminals**



Mounting rail 35 x 7.5
according to DIN EN 60715

Mounting rail 35 x 15
according to DIN EN 60715

[illegible]





wieland

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Product Range

DIN rail terminals

- with screw connection
- with spring connection
- with IDC connection

Terminal blocks for electrical installations

- with screw connection
- with spring connection

Lighting and appliance terminals Terminal strips

PC board connectors

- modular/pluggable
- insulated headers
- rising cage clamp/
plug connectors
- TOP connection
- spring connection
- electronics housings

Electronics components

- relay modules
- solid-state modules
- interface modules
- function modules
- power supplies
- innovative housing
- lightning and surge arresters
- distributed peripheral devices

Distributed installation systems

- energy bus
- decentralised I/O's
- distributed motor control unit
- decentralised switching
- energy bus project design tool

Systems for electrical installation

- mains connectors IP20/IP66/IP68
- bus connectors
- compact connectors
- low voltage connectors
- flexible flat cable systems
- distribution systems
- switching devices for EIB-KNX,
LON, Ethernet, radio control

Industrial connectors

- mini connectors
- connectors for hazardous areas
- modular connector system
- high-current connectors
- connectors with mixed
component set
- bushing for switchgear cabinets
- EMC connectors

