

Modular terminals with screw connection, Type WK/WKN

selos



WK/WKN offers...

❑ rising cage clamp connection

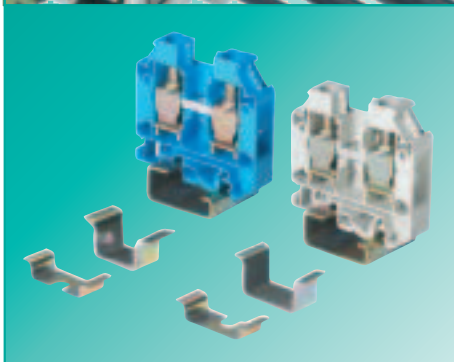
❑ dynamic clamping part

❑ single thread in shroud



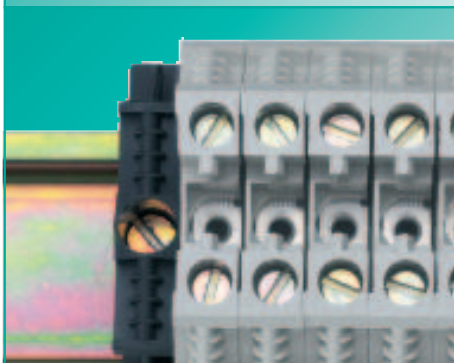
❑ **rated cross section**
2.5 – 150 mm²

❑ **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

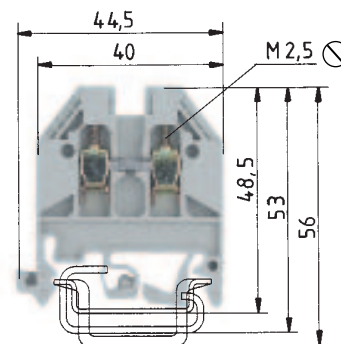
→ **ease of operation** and **rapid connection**

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

→ rapid and trouble free wiring

Modular terminals, Type WK/WKN

selos



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

UL Data field/factory wiring

CSA Data

Overall width

Insulation strip length

Approvals

WK 2,5/U

finely stranded	stranded	V	A
0.5 – 2.5 mm ²	0.5 – 4 mm ²	800 V/8 kV/3	24
No. 22-12 AWG		600 V	20/30
No. 24-12 AWG		600 V	25
5 mm			9 mm



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 ia	colour: blue	WK 2,5/U BLAU	57.503.0055.6 100
Modular terminal EEx e¹⁾	colour: grey	WK 2,5/U ²⁾	57.503.0055.0 100
Accessories			
1. Mounting rail 35, DIN rail 7.5 mm high	L = 2 m	35 x 27 x 7.5 EN 60715	98.300.0000.0 1
Mounting rail 35, DIN rail 15 mm high	L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0 1
Mounting rail 32, G rail	L = 2 m	9006 EN 60715 G-32	98.190.0000.0 1
2. End clamp with U-foot	10 mm wide	WE 1/U	Z5.523.5753.0 100
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
See pages 160-177 for further accessories			
See pages 178-179 and 200-202 for marking accessories			

¹⁾ EEx e terminals are subject to certification. The relevant data in the certification applies (e.g. 660 V)

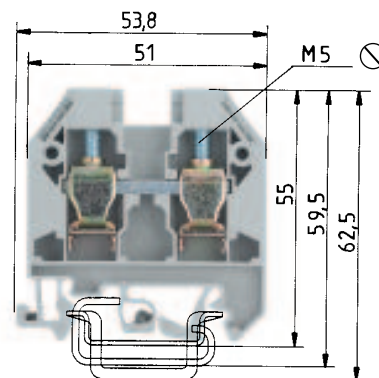
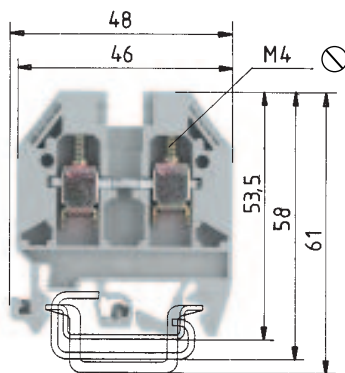
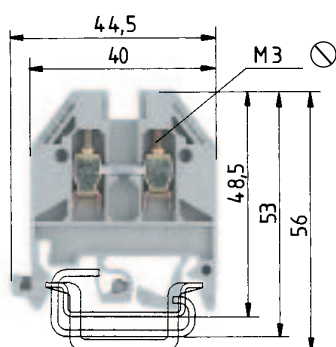
²⁾ Partial certification for: EEx e I/II L CIE 89.B0013 U; EEx e II ASEV 91.1 B11638U

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



WK 4/U

finely stranded	stranded	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
6 mm			9 mm

WK 6/U

finely stranded	stranded	V	A
0.5 – 6 mm ²	2.5 – 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
8 mm			11 mm

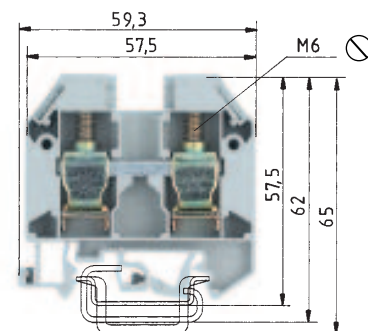
WKN 10/U

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
10 mm			13 mm

Type	Part No.	Box Qty	Type	Part No.	Box Qty	Type	Part No.	Box Qty
WK 4/U	57.504.0055.0	100	WK 6/U	57.506.0055.0	100	WKN 10/U	57.510.0155.0	50
WK 4/U BLAU	57.504.0055.6	100	WK 6/U BLAU	57.506.0055.6	100	WKN 10/U BLAU	57.510.0155.6	50
WK 4/U ²⁾	57.504.0055.0	100	WK 6/U ²⁾	57.506.0055.0	100	WKN 10/U	57.510.0155.0	50
35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
9708	Z5.522.7053.0	100	9708	Z5.522.7053.0	100	9708	Z5.522.7053.0	100
AP 2,5 - 4	07.311.0155.0	10	AP 6	07.311.0255.0	10	APN 10	07.311.6655.0	10
AP 2,5 - 4 BLAU	07.311.0155.6	10	AP 6 BLAU	07.311.0255.6	10	APN 10 BLAU	07.311.6655.6	10
TW 2,5 - 4	07.311.1155.0	10	TW 6	07.311.1255.0	10	TWN 10	07.311.7655.0	10
TW 2,5 - 4 BLAU	07.311.1155.6	10	TW 6 BLAU	07.311.1255.6	10	TWN 10 BLAU	07.311.7655.6	10
IVB WK 4 - 2	Z7.281.1227.0	10	IVB WK 6 - 2	Z7.282.2227.0	10	IVB WKN 10 - 2	Z7.283.2227.0	10
IVB WK 4 - 3	Z7.281.1327.0	10	IVB WK 6 - 3	Z7.282.2327.0	10	IVB WKN 10 - 3	Z7.283.2327.0	10
IVB WK 4 - 12	Z7.281.2227.0	10	IVB WK 6 - 12	Z7.282.3227.0	10	IVB WKN 10 - 12	Z7.283.3227.0	10
AD VB 4 GELB	04.326.2153.8	10	AD VB 6 GELB	04.326.2253.8	10	AD VB 10 GELB	04.326.2353.8	10
TS 4 GELB	07.311.2153.8	10	TS 6 GELB	07.311.2253.8	10	TS 10 GELB	07.311.2353.8	10
AD VB 6/10 P GELB	04.342.3656.8	10	AD VB 8/10 P GELB	04.342.3856.8	10	AD VB 10/10 P GELB	04.342.4056.8	10
AD VB 6/4 GELB	04.343.4856.8	10	AD VB 8/4 GELB	04.343.4956.8	10	AD VB 10/4 GELB	04.343.5056.8	10

Modular terminals, Type WKN

selos



WKN 16/U

finely stranded single core/stranded V A
 4 – 16 mm² 1.5 – 25 mm² 800 V/8 kV/3 76
 No. 12-4 AWG 600 V 85/90
 No. 14-4 AWG 600 V 95
 12 mm 15 mm



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

Installation instructions for EEx 'e' applications:

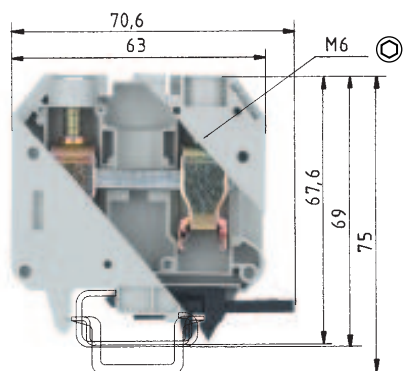
- if modular terminals are mounted either directly adjacent to modular terminals of a different size or next to earth terminals, the open side of a block of the same terminal type must be covered by an end plate or partition plate
- if neighbouring modular terminals are bridged by a jumper bar, the required 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 ia colour: blue	WKN 16/U BLAU	57.516.0155.6	50
Modular terminal EEx e^{*) 1)} colour: grey	WKN 16/U ²⁾	57.516.0155.0	50
Accessories			
1. Mounting rail 35, DIN rail 7.5 high L = 2 m	35 x 27 x 7.5 EN 60715	98.300.0000.0	1
Mounting rail 35, DIN rail 15 high L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1
Mounting rail 32, G rail L = 2 m	9006 EN 60715 G-32	98.190.0000.0	1
2. End clamp with U-foot 10 mm wide	WE 1/U	Z5.523.5753.0	100
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
See pages 160-177 for further accessories			
See pages 178-179 and 200-202 for marking accessories			

^{*)} with CCA-Certificate

¹⁾ EEx 'e' terminals are subject to certification. The relevant data in the certification applies (e.g. 660 V)

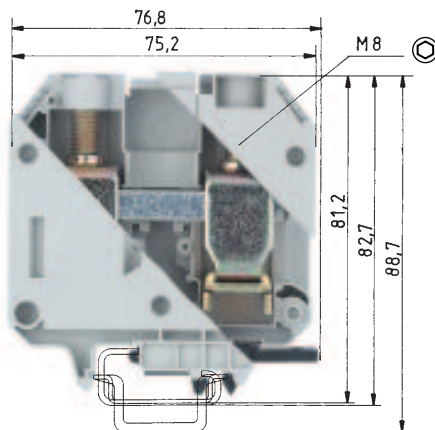
²⁾ Partial certification for EEx e approval: EEx 'e' II ASEV 91.1 B11638U



closed design

WKN 35/U

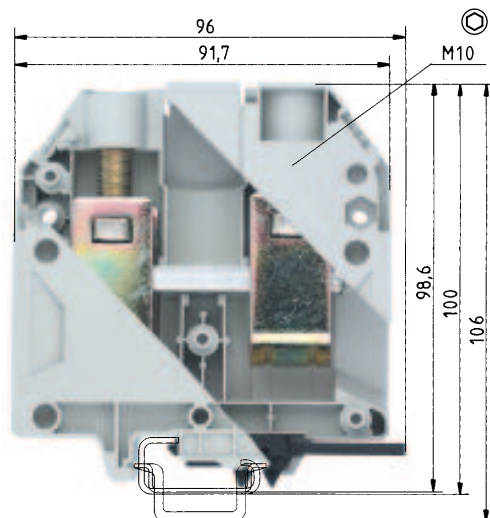
finely stranded	stranded	V	A
10–35 mm ²	10–50 mm ²	800 V/8 kV/3	125
No. 10-2 AWG		600 V	95/95
No. 10-2 AWG		600 V	110
16 mm			18 mm



closed design

WKN 70/U

finely stranded	stranded	V	A
10–70 mm ²	16–95 mm ²	800 V/8 kV/3	192
No. 6-2/0 AWG		600 V	175/175
No. 6-2/0 AWG		600 V	170
24 mm			24 mm



closed design

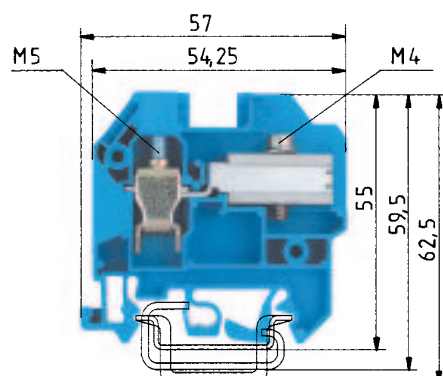
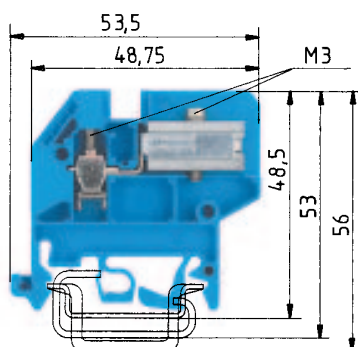
WKN 150/U

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 MCM		1000 V	365
28 mm			30 mm

Type	Part No.	Box Qty	Type	Part No.	Box Qty	Type	Part No.	Box Qty
WKN 35/U	57.535.0155.0	20	WKN 70/U	57.570.0155.0	20	WKN 150/U	57.597.0155.0	10
WKN 35/U BLAU	57.535.0155.6	20	WKN 70/U BLAU	57.570.0155.6	20	WKN 150/U BLAU	57.597.0155.6	10
WKN 35/U ²⁾	57.535.0155.0	20	WKN 70/U ²⁾	57.570.0155.0	20	WKN 150/U ²⁾	57.597.0155.0	10
35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1
WE 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
TWN 35	07.311.7855.0	10	TWN 70	07.311.7955.0	10			
TWN 35 BLAU	07.311.7855.6	10	TWN 70 BLAU	07.311.7955.6	10			
			uninsulated VB see page 165			uninsulated VB see page 165		
IVB WKN 35 - 2	Z7.285.2227.0	5						
IVB WKN 35 - 3	Z7.285.2327.0	5						
IVB WKN 35 - 12	Z7.285.3227.0	5						
AD VB 35 GELB	04.326.2553.8	10	AD VB 70 GELB	04.326.2653.8	10			
AD VB 16/4 GELB	04.343.5256.8	10	AD VB 24/4 GELB	04.343.5356.8	10	AD VB 28/4 GELB	04.343.5456.8	10

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 0.5–4 mm² 0.5–6 mm² 400 V/6 kV/3*)
CSA No. 20-10 AWG 600 V 25
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 1–10 mm² 1–16 mm² 400 V/6 kV/3*)
CSA No. 16-6 AWG 600 V 45
10 mm 13 mm



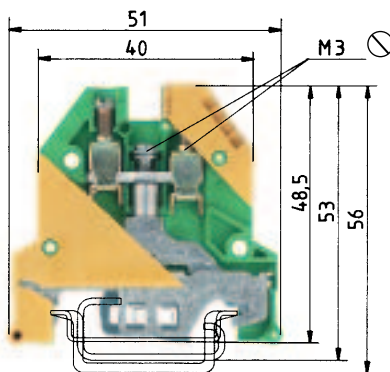
EN 60 947-7-1/DIN VDE 0611 T1
UL Data/CSA Data field/factory wiring
Overall width Insulation strip length
Approvals

		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 60715	98.300.0000.0	1	35 x 27 x 7.5 EN 60715	98.300.0000.0	1
Mounting rail 35, DIN rail 15 high	L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
Mounting rail 32, G rail	L = 2 m	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1
2. End clamp with U-foot	10 mm wide	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
End clamp TS 35, with screw	8 mm wide	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
End clamp TS 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							
See pages 160-177 for further accessories							
See pages 178-179 and 200-202 for marking accessories							
*) can be used in earthed systems 690/400 V							

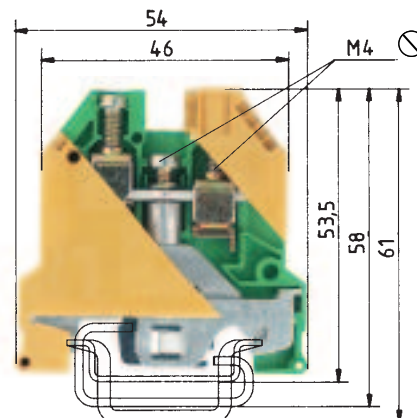


Earth terminals, Type WK/WKN ... SL/U

selos



closed design



closed design

WK 4 SL/U

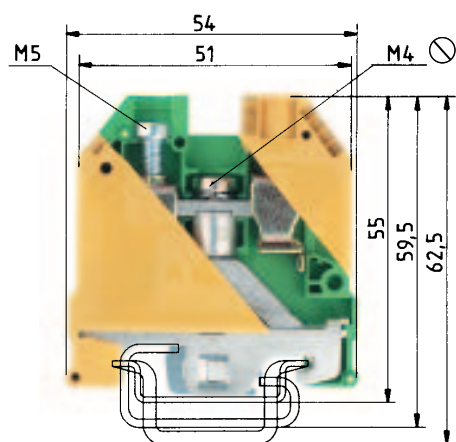
finely stranded stranded V A
0.5 – 4 mm² 0.5 – 6 mm² 800 V/8 kV/3^{*)} **)
No. 22-10 AWG
No. 20-10 AWG
6 mm 9 mm
EPM SEV-EEX SEP N NV FI KEW S LR B BKI-EEx

WK 6 SL/U

finely stranded stranded V A
0.5 – 6 mm² 0.5 – 10 mm² 800 V/8 kV/3^{*)} **)
No. 22-8 AWG
No. 20-8 AWG
8 mm 12 mm
EPM SEV-EEX SEP N NV FI KEW S LR B BKI-EEx

EN 60 947-7-2/DIN VDE 0611 T3
UL Data field/factory wiring
CSA Data
Overall width Insulation strip length
Approvals

	Type	Part No.	Box Qty	Type	Part No.	Box Qty
Earth terminal with U-foot colour: yellow/green	WK 4 SL/U	57.504.9055.0	100	WK 6 SL/U	57.506.9055.0	100
EEx 'e' Earth terminal with U-foot¹⁾	WK 4 SL/U ²⁾	57.504.9055.0	100	WK 6 SL/U ²⁾	57.506.9055.0	100
Accessories						
1. Mounting rail 35, DIN rail 7.5 high L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, DIN rail 15 high L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
Mounting rail 32, G rail L = 2 m	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1
2. End clamp with U-foot 10 mm wide						
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						
Partition plate 3 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						
See pages 160-177 for further accessories						
See pages 178-179 and 200-202 for marking accessories						
^{*)} Rated values for adjacent modular terminals of the same range and size ^{**) See facts & DATA section for current carrying capacity of the mounting rail ¹⁾ EEx 'e' terminals are subject to certification. The relevant data in the certification applies (e.g. 660 V) ²⁾ Partial certification for EEx 'e' approval: EEx 'e' II A5EV 91.1 B11638U}						



closed design

WKN 10 SL/U

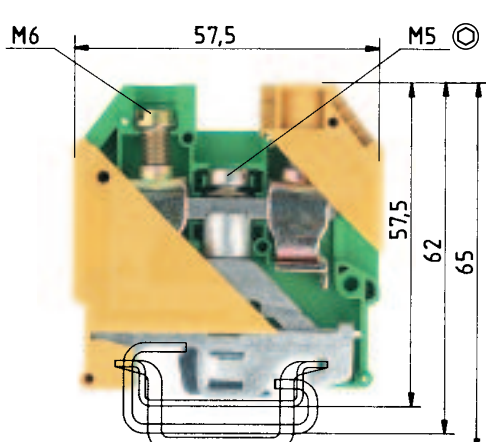
finely stranded single core/stranded V	A
2.5 – 10 mm ² 1.5 – 16 mm ² 800 V/8 kV/3*)	**)

No. 16-6 AWG

No. 16-6 AWG

10 mm 13 mm

 EPM  SEV-EEX       LR   BKI-EEx



closed design

WKN 16 SL/U

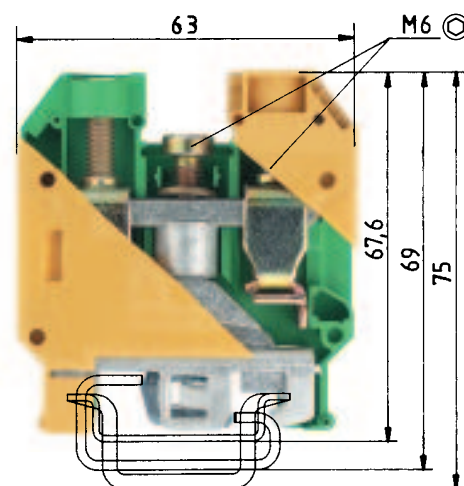
finely stranded single core/stranded V			A
4–16 mm ²	1.5–25 mm ²	800 V/8 kV/3*)	**)

No. 12-4 AWG

No. 14-4 AWG

12 mm 15 mm

 EPM  SEV-EE       LR   BKI-EE



closed design

WKN 35 SL/U

finely stranded	stranded	V	A
10–35 mm ²	10–50 mm ²	800 V/8 kV/3*)	**))

No. 10-2 AWG

No. 10-2 AWG

16 mm 20 mm

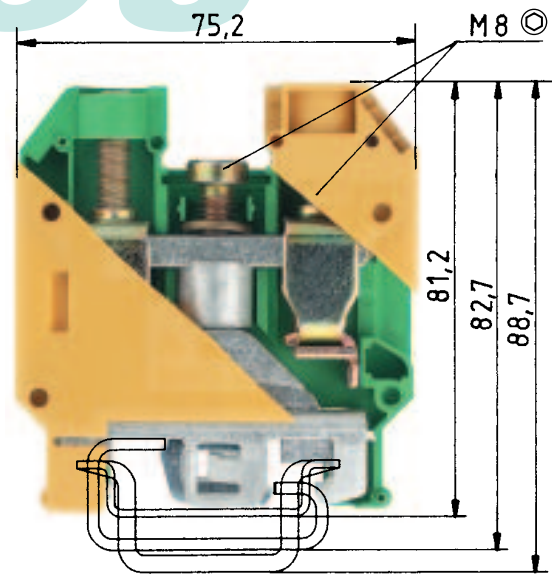
 EPM  SEV-EEX  SEV  N  NW  FI  FEMA  S LR  BKI-EEEx

[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 70 SL/U

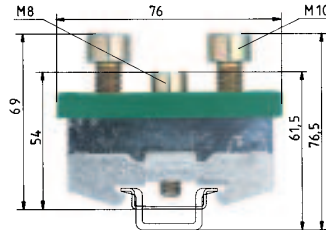
finely stranded stranded V A
10 – 70 mm² 16 – 95 mm² 800 V/8 kV/3 **)

CSA No. 6-2/0 AWG pending
24 mm

DIN VDE 0611 Part 3/11.89, DIN VDE 0110/01.89
UL Data field/factory wiring
CSA Data
Overall width Insulation strip length
Approvals

		Type	Part No.	Box Qty	
Earth terminal with U-foot	colour: yellow/green	WKN 70 SL/U	57.570.9055.0		
Earth terminal for TS 35 EN60715	colour: yellow/green				
Accessories					
1. Mounting rail 35, DIN rail 7.5 high	L = 2 m				
Mounting rail 35, DIN rail 15 high	L = 2 m	35 x 24 x 15 EN 60715 CU	98.380.0000.0	10	
Mounting rail 32, G rail	L = 2 m	9006 EN 60715 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				
Partition plate 3 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					
See pages 160-177 for further accessories					
See pages 178-179 and 200-202 for marking accessories					
**) See facts & DATA section for current carrying capacity of the mounting rail					

Earth terminals for TS 35



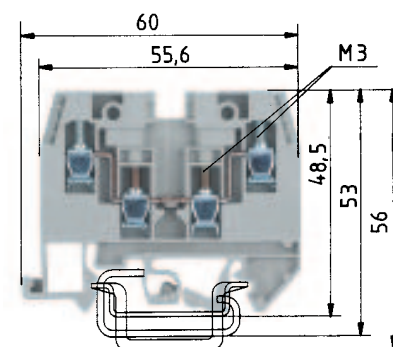
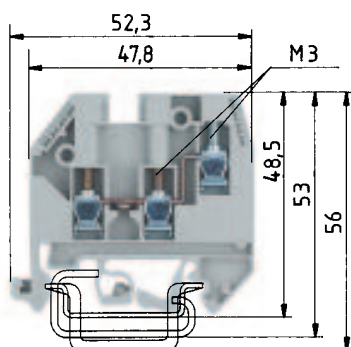
se/los

A
**)

111

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

selos



WK 4/D 1/2 /U

finely stranded stranded	V	A
0.5 – 4 mm ² 0.5 – 6 mm ²	500 V/6 kV/3	32
No. 22-10 AWG	600 V	30
No. 20-10 AWG	600 V	30
6 mm		9 mm



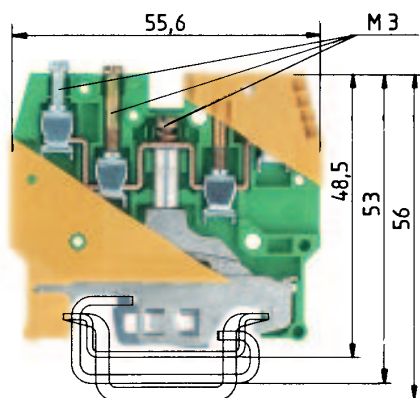
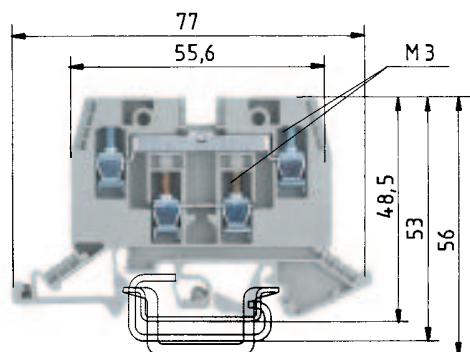
WK 4/D 2/2 /U

finely stranded stranded	V	A
0.5 – 4 mm ² 0.5 – 6 mm ²	500 V/6 kV/3	32
No. 22-10 AWG	600 V	30
No. 20-10 AWG	600 V	30
6 mm		9 mm



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
Overall width Insulation strip length
Approvals

	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 60715	98.300.0000.0 1			35 x 27 x 7,5 EN 60715	98.300.0000.0 1	
Mounting rail 35, DIN rail 15 high L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0 1			35 x 24 x 15 EN 60715	98.360.0000.0 1	
Mounting rail 32, G rail L = 2 m	9006 EN 60715 G-32	98.190.0000.0 1			9006 EN 60715 G-32	98.190.0000.0 1	
2. End clamp with U-foot 10 mm wide	WE 1/U	Z5.523.5753.0 100			WE 1/U	Z5.523.5753.0 100	
End clamp TS 35, with screw 8 mm wide	9708/2 S 35	Z5.522.8553.0 100			9708/2 S 35	Z5.522.8553.0 100	
End clamp TS 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		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...-6	Z7.256.2627.0 10			IVK WK 4/D...-6	Z7.256.2627.0 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							
See pages 160-177 for further accessories							
See pages 178-179 and 200-202 for marking accessories							



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

**) with insulation plate 07.311.2953.8 between two adjacent terminals

closed design

*) Rated values for adjacent modular terminals of the same range and size. See **facts & DATA** section for the current carrying capacity of the mounting rail.

WK 4/D EU

	V	A
0.5 – 4 mm ² 0.5 – 6 mm ²	320 V/4 kV/3*)	26
No. 22-10 AWG	300 V**)	30
No. 20-12 AWG	600 V**)	30
6 mm		9 mm



WK 4/D 2/2 SL U

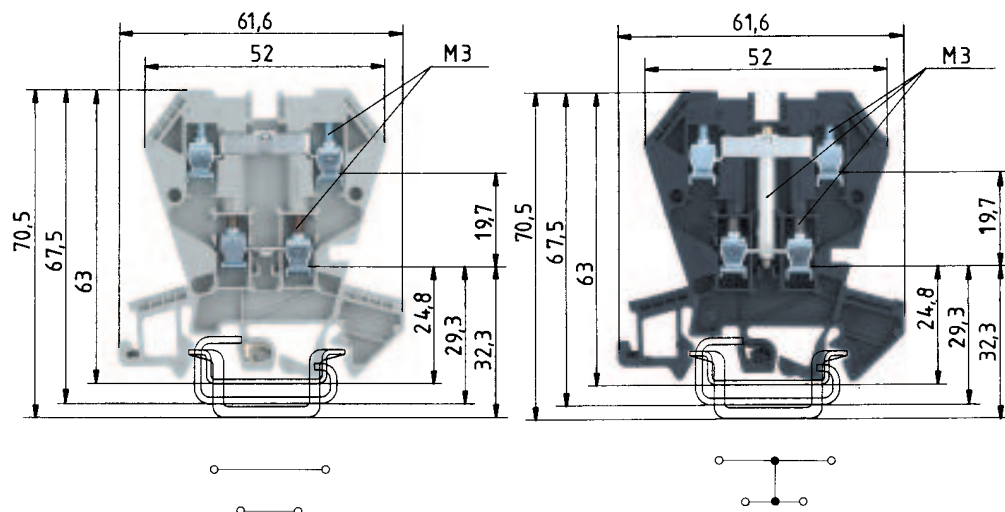
	V	A
finely stranded stranded		
0.5 – 4 mm ² 0.5 – 6 mm ²	500 V/6 kV/3*)	
No. 22-10 AWG		
No. 20-12 AWG		
6 mm		9 mm



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 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1
WE 1/U	Z5.523.5753.0	100			
9708/2 S 35	Z5.522.8553.0	100			
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...-6	Z7.256.2627.0	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			

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

selos



WK 4 E/U

finely stranded	V	A
0.5 – 4 mm ²	0.5 – 4 mm ²	400 V/6 kV/3 ¹⁾
No. 22-10 AWG	300 V	20
No. 20-12 AWG	300 V	10
6 mm		9 mm



WK 4 E/U /VB

finely stranded	V	A
0.5 – 4 mm ²	0.5 – 4 mm ²	400 V/6 kV/3
No. 22-10 AWG	300 V	20
No. 20-12 AWG	300 V	10
6 mm		9 mm

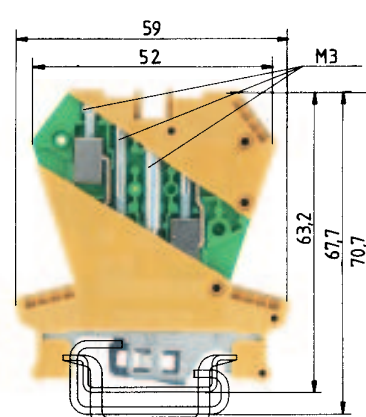


EN 60 947-7-1/DIN VDE 0611 T1
 EN 60 947-7-2/DIN VDE 0611 T3
 UL Data field/factory wiring
 CSA Data
 Overall width Insulation strip length
 Approvals

	Type	Part No.	Box Qty		Type	Part No.	Box Qty
Double-deck terminal colour: grey	WK 4 E/U	57.404.7055.0	100		WK 4 E/U/VB SCHWARZ	57.404.6955.1	100
Double-deck terminal colour: black							
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 60715	98.300.0000.0	1		35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, DIN rail 15 high L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1		35 x 24 x 15 EN 60715	98.360.0000.0	1
Mounting rail 32, G rail L = 2 m	9006 EN 60715 G-32	98.190.0000.0	1		9006 EN 60715 G-32	98.190.0000.0	1
2. End clamp with U-foot 10 mm wide	WE 1/U	Z5.523.5753.0	100		WE 1/U	Z5.523.5753.0	100
End clamp TS 35, with screw 8 mm wide	9708/2 S 35	Z5.522.8553.0	100		9708/2 S 35	Z5.522.8553.0	100
End clamp TS 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			Z7.210.3227.0	50
3 pole	9215-3	Z7.210.3327.0	50			Z7.210.3327.0	50
up to 6 pole	9215-6	Z7.210.3627.0	50			Z7.210.3627.0	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							
See pages 160-177 for further accessories							
See pages 178-179 and 200-202 for marking accessories							

¹⁾ When using end plates 500 V/6 kV/3

se/los



24 V DC max.

*) Rated values for adjacent modular terminals of the same range and size. See **facts & DATA** section for the current carrying capacity of the mounting rail.

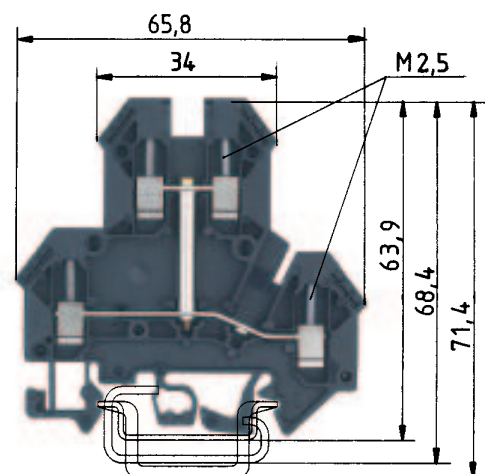
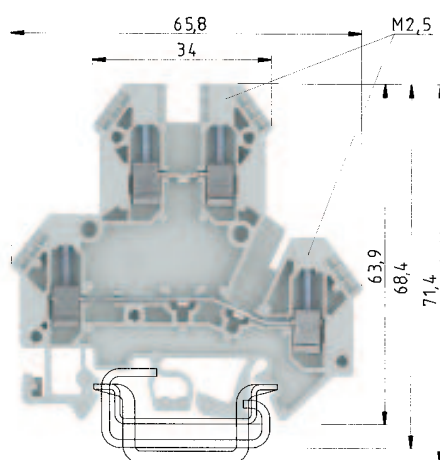
WK 4 E SL/U

finely stranded	stranded	V	A
0.5 – 4 mm ²	0.5 – 6 mm ²	500 V/6 kV/3*)	
No. 22-12 AWG			
No. 22-10 AWG			
6,2 mm			9 mm

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Modular double-deck terminals

selos



WKN 2,5 E/U

finely stranded stranded	V	A
0.5 – 2.5 mm ² 0.5 – 4 mm ²	500 V/6 kV/3	24
No. 22-12 AWG	600 V	20/25
No. 24-12 AWG	600 V	25
5 mm		8 mm



WKN 2,5 E/U/VB

finely stranded stranded	V	A
0.5 – 2.5 mm ² 0.5 – 4 mm ²	500 V/6 kV/3	24
No. 22-12 AWG	600 V	20/25
No. 24-12 AWG	600 V	25
5 mm		8 mm



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

UL Data field/factory wiring

CSA Data

Overall width Insulation strip length

Approvals

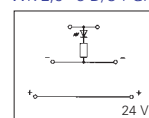
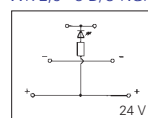
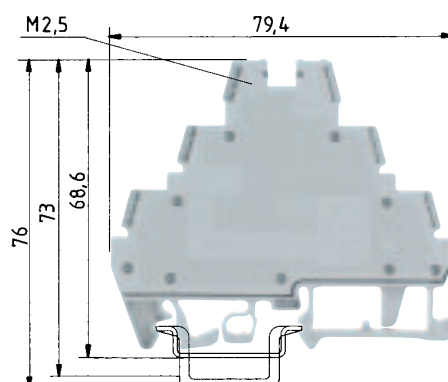
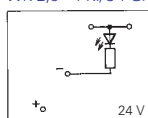
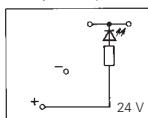
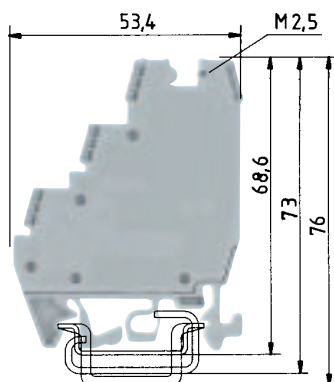
	Type	Part No.	Box Qty		Type	Part No.	Box Qty
Modular double-deck terminal	colour: grey	WKN 2,5 E/U	57.403.7055.0	100			
Upper and lower terminals linked	colour: black				WKN 2,5 E/U/VB	57.403.6955.1	100
Accessories							
1. Mounting rail 35, DIN rail 7.5 mm high L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1		35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, DIN rail 15 mm high L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1		35 x 24 x 15 EN 60715	98.360.0000.0	1
Mounting rail 32, G rail L = 2 m	9006 EN 60715 G-32	98.190.0000.0	1		9006 EN 60715 G-32	98.190.0000.0	1
2. End clamp with U-foot 10 mm wide	WE 1/U	Z5.523.5753.0	100		WE 1/U	Z5.523.5753.0	100
End clamp TS 35, with screw 8 mm wide	9708/2 S 35	Z5.522.8553.0	100		9708/2 S 35	Z5.522.8553.0	100
End clamp TS 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	APN 2,5 E	07.312.1755.0	10		APN 2,5 E	07.312.1755.0	10
4. Partition plate 1.5 mm thick	TWN 2,5 E	07.312.1855.0	10		TWN 2,5 E	07.312.1855.0	10
5. Jumper bar with screws for upper and lower terminal insulated							
2 pole	IVB WK 2,5 - 2	Z7.280.2227.0	10		IVB WK 2,5 - 2	Z7.280.2227.0	10
3 pole	IVB WK 2,5 - 3	Z7.280.2327.0	10		IVB WK 2,5 - 3	Z7.280.2327.0	10
up to 12 pole	IVB WK 2,5 - 12	Z7.280.3227.0	10		IVB WK 2,5 - 12	Z7.280.3227.0	10
6. Single cover for jumper bar with marking facility	AD VB 2,5 GELB	04.326.2053.8	10		AD VB 2,5 GELB	04.326.2053.8	10
7. Cover strip for jumper bar for 10 terminals	AD VB 5/10 GELB	04.342.0556.8	10		AD VB 5/10 GELB	04.342.0556.8	10
8. Cover strip with warning symbol for 4 terminals		04.343.4756.8	10			04.343.4756.8	10
9. Insulation plate	TS 2,5 GELB	07.311.2053.8	10		TS 2,5 GELB	07.311.2053.8	10
See pages 178-179 and 200-202 for marking accessories							

with LED for 24 V

selos

- 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



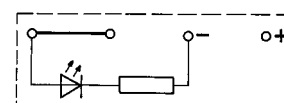
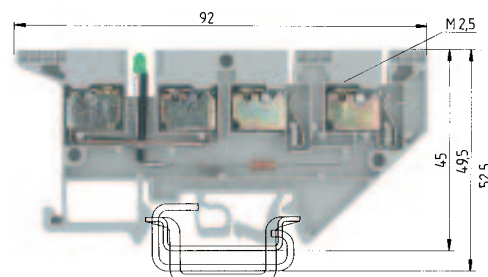
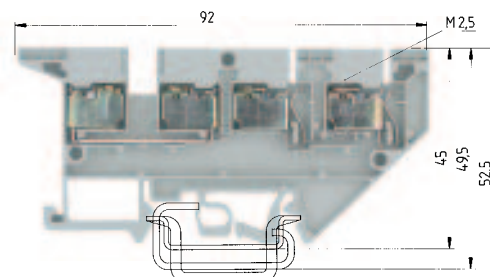
finely stranded	stranded	V	A
0.5 – 2.5 mm ²	0.5 – 4 mm ²	250 V/4 kV/3*)	24
No. 22-12 AWG		300 V*)	25
No. 22-12 AWG		300 V*)	25
6 mm			7 mm

finely stranded	stranded	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

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Sensor terminals with TOP screw connection

selos



Indicator: R = 2.2 K 0.35 W
LED colour: green

WK 2,5-4 KOI/U

finely stranded stranded
0.5 - 2.5 mm² 0.5 - 4 mm² V A
400 V/6 kV/3 16*)
No. 22-12 AWG 300 V 20/30
No. 22-12 AWG 300 V 25
5 mm 10 mm



WK 2,5-4 KOI/U-NGN

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



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

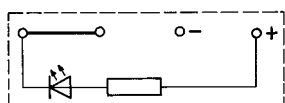
UL Data field/factory wiring

CSA Data

Overall width Insulation strip length

Approvals

		Type	Part No.	Box Qty	Type	Part No.	Box Qty
Initiator terminal	colour: grey	WK 2,5-4 KOI/U	57.503.7055.0	50			
Initiator terminal with LED	colour: grey				WK 2,5-4 KOI/U-NGN	57.503.7155.0	50
Accessories							
1. Mounting rail 35, DIN rail 7.5 mm high	L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, DIN rail 15 mm high	L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
Mounting rail 32, G rail	L = 2 m	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1
2. End clamp with U-foot	10 mm wide	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
End clamp TS 35, with screw	8 mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100
End clamp TS 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	AP 2,5-4 K0	07.310.9355.0	50	AP 2,5-4 K0	07.310.9355.0	50
4. Partition plate	1.5 mm thick	TW 2,5-4 K0	07.310.9455.0	50	TW 2,5-4 K0	07.310.9455.0	50
5. Jumper bar for power supply							
uninsulated	2 pole	VB WK 2,5 K0-2	07.257.0227.0	100	VB WK 2,5 K0-2	07.257.0227.0	100
	3 pole	VB WK 2,5 K0-3	07.257.0327.0	100	VB WK 2,5 K0-3	07.257.0327.0	100
	up to 20 pole	VB WK 2,5 K0-20	07.257.2027.0	50	VB WK 2,5 K0-20	07.257.2027.0	50
6. Jumper bar for signal							
uninsulated	2 pole	VB WK 2,5-2	Z7.280.0227.0	10	VB WK 2,5-2	Z7.280.0227.0	10
	3 pole	VB WK 2,5-3	Z7.280.0327.0	10	VB WK 2,5-3	Z7.280.0327.0	10
	up to 6 pole	VB WK 2,5-6	Z7.280.0627.0	10	VB WK 2,5-6	Z7.280.0627.0	10
7. Single cover for jumper bar with marking facility		AD VB 2,5 GELB	04.326.2053.8	10	AD VB 2,5 GELB	04.326.2053.8	10
8. Cover strip with test hole for 10 terminals		AD VB 5/10 P GELB	04.342.3556.8	10	AD VB 5/10 P GELB	04.342.3556.8	10
9. Cover strip for jumper bar for 10 terminals		AD VB 5/10	04.342.0556.0	10	AD VB 5/10	04.342.0556.0	10
10. Insulation plate		TS 2,5 GELB	07.311.2053.8	10	TS 2,5 GELB	07.311.2053.8	10
11. Marking strips, red marked with "+"		9705 A/5/10 B + ROT	04.855.0253.5	25	9705 A/5/10 B + ROT	04.855.0253.5	25
12. Marking strips, blue marked with "-"		9705 A/5/10 B - BLAU	04.855.0353.6	25	9705 A/5/10 B - BLAU	04.855.0353.6	25
See pages 178-179 and 200-202 for marking accessories							
*) Continuity 16 A							



finely stranded	stranded	V	A
0.5 - 2.5 mm ²	0.5 - 4 mm ²	24 DC	16*)
No. 22-12	AWG	24 V	20/30
No. 22-12	AWG	24 V	25
5 mm			10 mm



Figure 1 consists of two schematic diagrams, (a) and (b), illustrating the experimental setup. Diagram (a) is a top view showing four test tubes arranged in a row, labeled 1, 2, 3, and 4 from left to right. Water is supplied to the left side of the tubes, and air is supplied to the right side. The flow of water and air is indicated by arrows. Diagram (b) is a side view showing the cross-section of the test tubes. The tubes are arranged in a row, and the flow of water and air is indicated by arrows. The tubes are labeled 1, 2, 3, and 4 from left to right. The flow of water and air is indicated by arrows.

- positive-negative potential distribution by means of bridging saves space and wiring
- one modular terminal per sensor means clear designation of power and signal circuits
- top terminals ensure uncomplicated wiring
- terminals only 5 mm wide - saves on space
- LED status display makes it easy to locate faults
- ample marking facilities

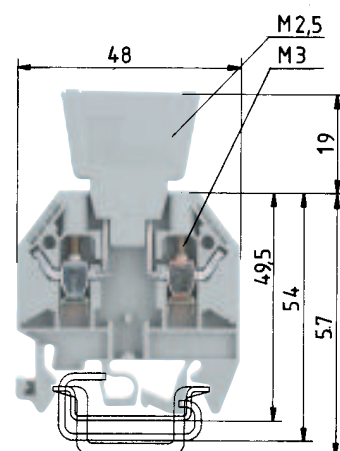
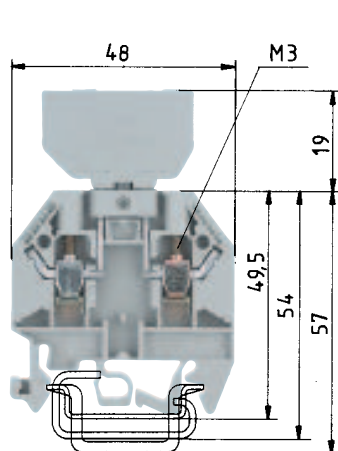
Disconnect terminals with U-foot, Type WK

selos

Fused plug:
Nominal voltage: 250 V ~
Nominal current: in accordance with VDE 0820
T2/IEC 257 at a power loss of
1.5 W.
– 6.3 A for single terminal
– 4 A for series-connected
terminals

Indicator (24 V): LED colour red
Power consumption: 10.3 mA
Indicator (220 V): LED colour red
Power consumption: 0.3 mA

*) The voltage and current are determined by the
built in LED and integral fuse link.



The current carried is determined by the component used.
Periodic peak voltage 1000 V.
Polarity of the diode: Anode - Cathode¹⁾
Cathode - Anode²⁾

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

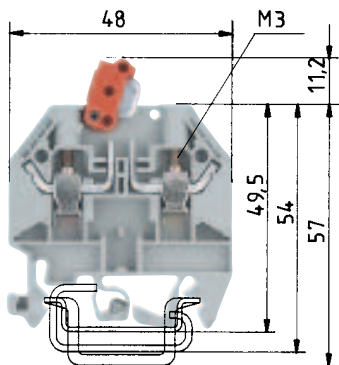
WK 4 TKG... SIST

finely stranded stranded V A
0.5 – 4 mm² 0.5 – 6 mm² 800 V/8 kV/3*) 6.3*)
No. 22-10 AWG 300 V*) 10
No. 20-10 AWG 250 V*) 6.3
6 mm 9 mm
CE S E N FI RU E E

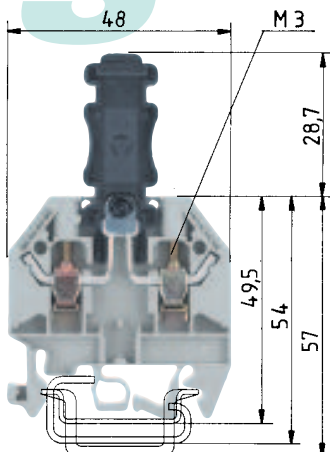
WK 4 TKG... DIST

finely stranded stranded V A
0.5 – 4 mm² 0.5 – 6 mm² 800 V/8 kV/3
No. 22-10 AWG 300 V 10
No. 20-10 AWG 250 V 6.3
6 mm 9 mm
CE S E N FI RU E E

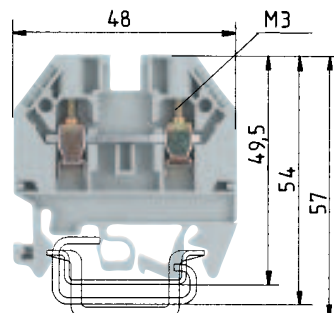
	Type	Part No.	Box Qty		Type	Part No.	Box Qty
Isolating base terminal colour: grey	WK 4 TKG/U	57.504.4055.0	100		WK 4 TKG/U	57.504.4055.0	100
Fuse holder for fuse 5 x 20 colour: grey	Si ST	Z1.299.4055.0	10				
Fuse holder with indicator (24 V) colour: grey	Si ST LED	Z1.299.4155.0	10				
Fuse holder with indicator (220 V) colour: grey	Si ST GL	Z1.299.4255.0	10				
Diode plug - without components J _{max} = 10 A colour: grey					DIST ...	Z1.299.3055.0	10
Diode plug - diode J _{max} = 1 A colour: grey					DIST-1 N 4007-1 ¹⁾	Z1.299.3155.0	10
Diode plug - diode J _{max} = 1 A colour: grey					DIST-1 N 4007-2 ²⁾	Z1.299.3355.0	10
Diode plug with jumper J _{max} = 10 A 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 60715	98.300.0000.0	1		35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, DIN rail 15 high L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1		35 x 24 x 15 EN 60715	98.360.0000.0	1
Mounting rail 32, G rail L = 2 m	9006 EN 60715 G-32	98.190.0000.0	1		9006 EN 60715 G-32	98.190.0000.0	1
2. End clamp with U-foot 10 mm wide	WE 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							
See pages 160-177 for further accessories							
See pages 178-179 and 200-202 for marking accessories							



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.



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

WK 4/TKM

finely stranded stranded	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 stranded	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 stranded	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

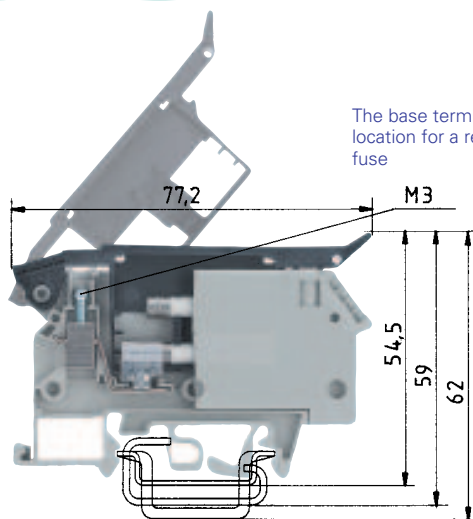
Type	Part No.	Box Qty	Type	Part No.	Box Qty	Type	Part No.	Box Qty
WK 4/TKM/U	57.504.2055.0	100						
WK 4/TKM/U BLAU	57.504.2055.6	100						
WK 4/TKM/P3/U	57.504.2355.0	100						
			WK 4 TKG-TRST/U	57.504.4555.0	100			
			WK 4 TKG-TRST P3/U	57.504.4855.0	100			
						WK 4 TKS D/U	57.504.4455.0	100
35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1
WE 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							
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
*) 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

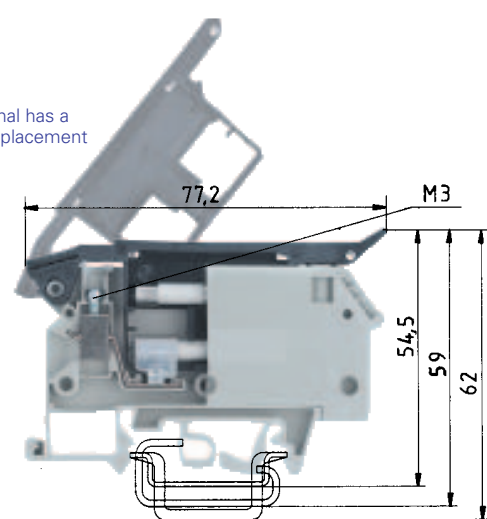
The fuse terminals of this type have a hinged disconnect lever. This takes miniature fuses of 5 x 20, 5 x 25 and 5 x 30 mm (terminal width = 8 mm) or 6.3 x 32 mm (terminal width = 10 mm). The hinged lever has locking points both in the open and closed state and can be sealed. All the terminals are available in two versions – with or without red LEDs as indicators. During the selection and application of fuse links, DIN IEC 257/DIN VDE 0820 should be taken into consideration.

Nominal current VDE 0820 T2/IEC 257

- 1) up to a power loss of 1.5 W
- 2) up to a power loss of 2.5 W
- *) Voltage and current are determined by the built-in LED and integral fuse link



for 5 mm miniature fuse



for 6.3 mm miniature fuse

WK 4 THSI 5... /U

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



WK 4 THSI 6,3... /U

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



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

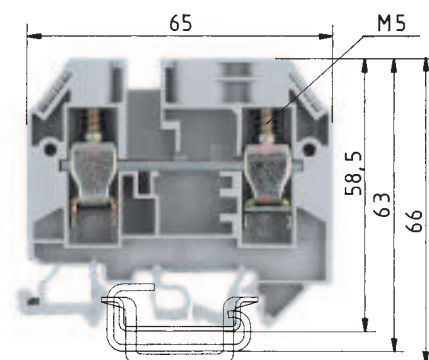
UL Data field/factory wiring

CSA Data

Overall width Insulation strip length

Approvals

		Type	Part No.	Box Qty	Type	Part No.	Box Qty
Fuse terminal base terminal	colour: grey	WK 4/THSi 5 ... U	57.904.5355.0	50	WK 4/THSi 6,3 ... U	57.904.6355.0	50
– with LED 5 - 12 V ~/== power consumption	2.3 - 7 mA	WK 4/THSi 5 LED 12 U	57.904.5455.0	50	WK 4/THSi 6,3 LED 12 U	57.904.6455.0	50
– with LED 12 - 24 V ~/== power consumption	2.8 - 6.2 mA	WK 4/THSi 5 LED 24 U	57.904.5555.0	50	WK 4/THSi 6,3 LED 24 U	57.904.6555.0	50
– with LED 24 - 60 V ~/== power consumption	1.5 - 4 mA	WK 4/THSi 5 LED 60 U	57.904.5655.0	50	WK 4/THSi 6,3 LED 60 U	57.904.6655.0	50
– with GL110 - 250 V ~/== power consumption	0.13 - 0.55 mA	WK 4/THSi 5 GL 250 U	57.904.5755.0	50	WK 4/THSi 6,3 GL 250 U	57.904.6755.0	50
– with GL380 - 500 V ~/== power consumption	0.2 - 0.3 mA	WK 4/THSi 5 GL 500 U	57.904.5855.0	50	WK 4/THSi 6,3 GL 500 U	57.904.6855.0	50
Fuse terminal	colour: grey						
– with Screw cap A DIN 41674 for fuse link DIN 41571, 250 V, 5 x 20 mm							
– with Screw cap B DIN 41674 for fuse link DIN 41576, 250 V, 5 x 25 mm							
– with Screw cap A DIN 41674 for fuse link , 500 V, 5 x 30 mm							
– with Screw cap for fuse link, 500 V, 1/4 x 1 1/8" (6.3 x 32 mm)							
Modular terminal, same dimensions as fuse terminal	colour: grey						
Accessories							
1. Mounting rail 35, DIN rail 7.5 high	L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, DIN rail 15 high	L = 2 m	35 x 24 x15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
Mounting rail 32, G rail	L = 2 m	9006 EN 60715 G-32	98.190.0000.0	1	9006 EN 60715 G-32	98.190.0000.0	1
2. End clamp with U-foot	10 mm wide	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
End clamp 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						
4. Jumper bars with screws, E-Cu							
uninsulated	2 pole						
	3 pole						
	up to 6 pole						
5. Transparent terminal cover (for one terminal)							
6. Locking pin	red	VST WK4 THSi	05.563.8053.0	50	VST WK4 THSi	05.563.8053.0	50
See pages 178-179 and 200-202 for marking accessories							



8) 10 A up to a power loss of 2.5 W

1) 2) 3) 4) 5) 6) 7) 8)

1) 2) 3) 4) 5) 6)

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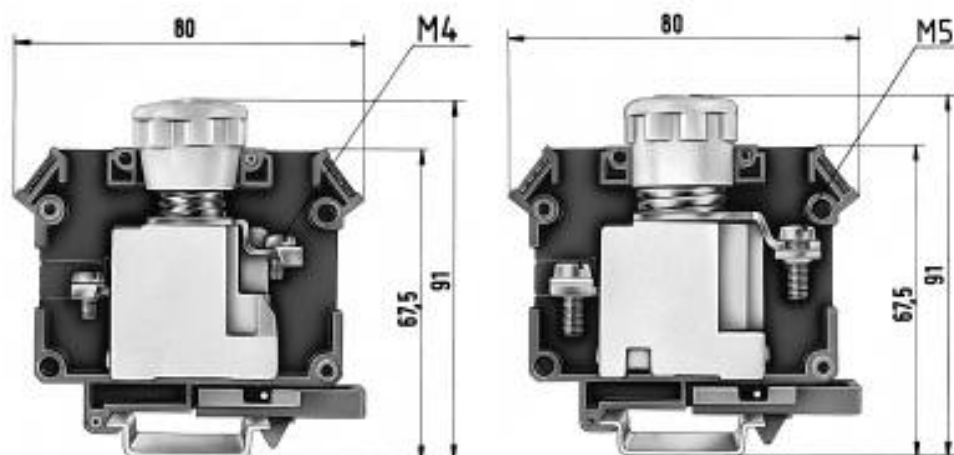
selos



See pages 178-179 and 200-202 for marking accessories

Fuse terminal with NEOZED®-Insert for TS 35 and TS 32

selos



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

DIN VDE 0636

UL Data

CSA Data

Overall width

Approvals

Insulation strip length

9700 B/30 Si E 14/S 35

finely stranded stranded
1.5 – 4 mm² 1.5 – 4 mm²

2–16 A

V A
400 V ~*¹) 16*¹)

9700 B/30 Si E 18/S 35

finely stranded single core/stranded
1.5 – 25 mm² 1.5 – 25 mm²

2–63 A

V A
400 V ~*¹) 63*¹)

30 mm



10 mm

30 mm



12 mm

	Type	Part No.	Box Qty	Type	Part No.	Box Qty
Fuse terminal						
complete, with closed insulating housing	9700 B/30 Si E 14/S 35	56.904.4055.0	20	9700 B/30 Si E 18/S 35	56.925.4055.0	20
Accessories						
1. Mounting rail 35 DIN rail 7.5 mm high L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail 35 DIN rail 15 mm high L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
Mounting rail 32, G rail						
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						
3. NEOZED®-adapter sleeves 2 A – pink		05.595.9200.0	50		05.595.5900.0	50
4 A – brown		05.595.9300.0	50		05.595.6000.0	50
6 A – green		05.595.9400.0	50		05.595.6100.0	50
10 A – red		05.595.9500.0	50		05.595.6200.0	50
16 A – grey					05.595.6300.0	50
20 A – blue					05.595.6400.0	50
25 A – yellow					05.595.6500.0	50
35 A – black					05.595.6600.0	50
50 A – white					05.595.6700.0	50
4. Cap		04.326.1053.0	100		04.326.1053.0	100
5. Connecting comb						
6 pole					07.250.3027.0	25
uninsulated 10 pole					07.250.3127.0	10
6. Special retaining spring					05.549.0500.0	
See pages 178-179 and 200-202 for marking accessories						
NEOZED® = registered trademark of Siemens AG						



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