

# Terminals, W-Series

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# Terminal blocks with clamping yoke and screw connection system

## High contact reliability for all standard electrical functions

For a long time now, Weidmüller's W-Series terminal with screw clamp connection technology, has set the standard.

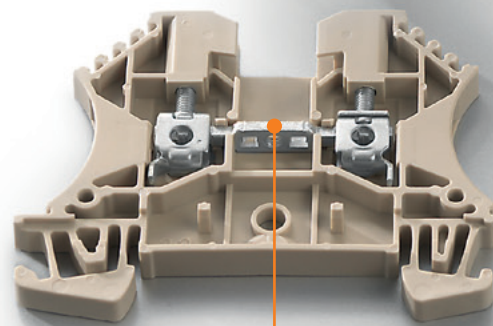
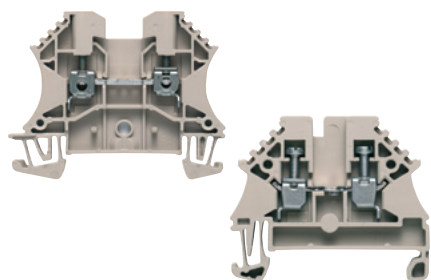
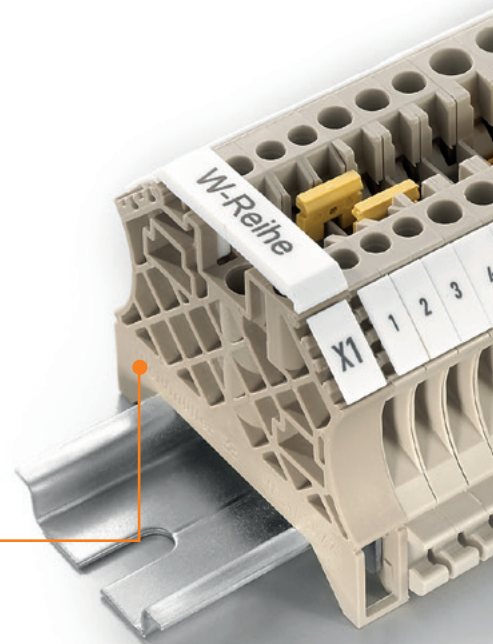
The W-Series offers solutions for conductor cross-sections between 0.05 and 300 mm<sup>2</sup>. The cross-connectors are pluggable (ZQV) or screwable (WQV) in a terminal block. The combination of benefits is unequalled and puts the W-Series in a leading position on the market.

## D

Thanks to the patented design of Weidmüller's W-Series screw connection technology, it is possible for two conductors of the same cross-section to be connected in one and the same clamping point without difficulty.

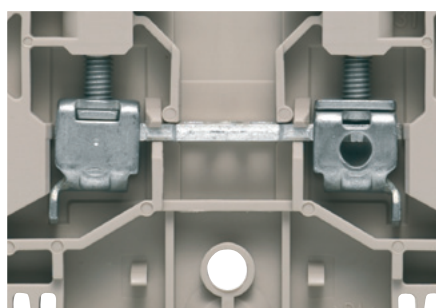
### Designs

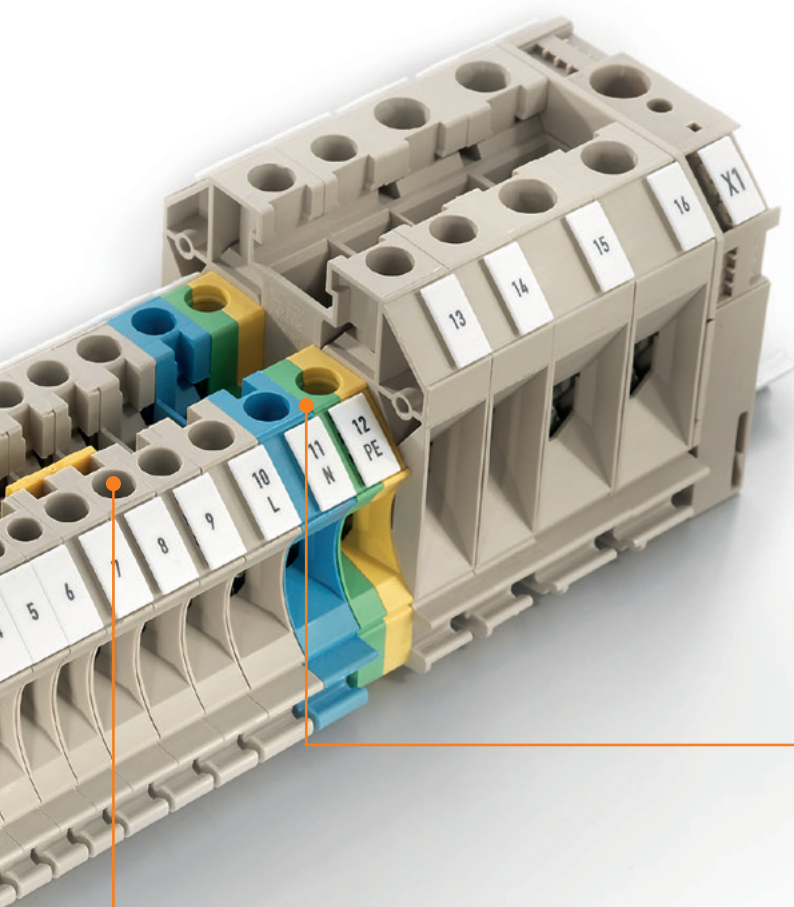
The W-Series is offered in standard and compact designs. The compact design is impressive with its small size for the design cross-sectional capacity.



### Connections proven a million times

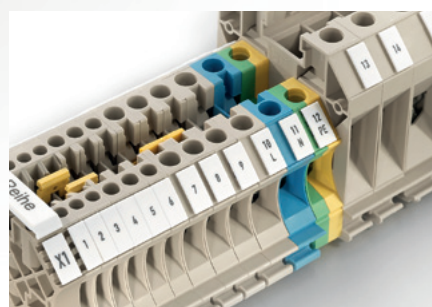
The terminal unit consists of hardened steel, for very high contact force. The busbar is made of copper, which gives a low voltage drop. The tin-plated surface ensures minimum contact resistances.





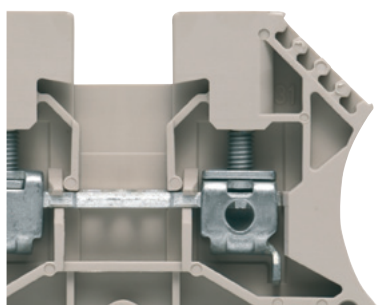
**Efficiency thanks to equal contours**

Uniform size of the terminal block bodies from 2.5 to 10 mm<sup>2</sup> means fewer accessories, lowers the cost, offers logistical advantages and enables simple installation.



**Safe operation**

The terminal blocks are supplied with open clamping units, this enables quick assembly. In addition, the misplugging safeguard prevents conductors from being inserted incorrectly. Embossing on the clamping yoke and current bar engage so that even the smallest conductors are reliably contacted; large conductors and also 2 conductors are gripped in the middle.



## Feed-through terminals

Identically contoured design of 2.5 to 10 mm<sup>2</sup> with identical end plates and partitions. An unmatched combination of many advantages!

The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	
2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

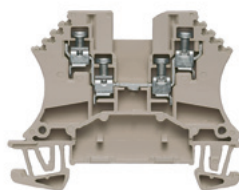
### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
	Dark beige Wemid
Testing / Checking	
	Standard
	With assembly peg
Cover	
	With lightning flash symbol
	Blank, white
	Blank, yellow
Identification systems	
	(see assortment in catalogue 7)
	Marking tags
Note	

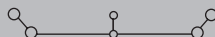
## WDU 1.5/ZZ

1.5 mm<sup>2</sup>

Twin connection



5.1 x 60 x 47  
23 / 2.5  
0.13...2.5



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	300 (C)	300 (C)	550
17.5	25 (C)	10 (C)	15
1.5	AWG 22...12	AWG 26...12	1.5
8 kV / 3			
A1 / V-0			

KEMA 98ATEX1685 U

Rated connection	Further connection
0.5...2.5 / 0.5...2.5	0.5...2.5
0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
0.4...0.6 Nm (M 2.5)	
7 / 0.6 x 3.5 mm	
0.5...1	
0.5...1 / 0.5...0.75	

Note the max. current of the terminal (23 A) when using the WQV cross-connector!

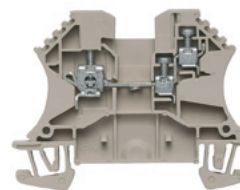
Type	Qty.	Order No.
WDU 1.5/ZZ	100	1031400000
WDU 1.5/ZZ BL	100	1031480000

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
Width			
WEW 35/2	8 mm	100	1061200000
Width			
WTA 2 WDU2.5-10	5 mm	25	1632320000
WTA 2/ZA WDU2.5-10	5 mm	25	1632330000
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000
Width			
DEK 5/5 / WS 12/5			
Socket and test plug, see section "W-Series accessories".			

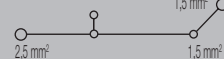
## WDU 2.5/1.5/ZR

2.5 mm<sup>2</sup>

Supplementary connection, right



5.1 x 60 x 47  
32 / 4  
0.05...4



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	300 (C)	300 (C)	550
24	20 (C)	20 (C)	21
2.5	AWG 30...12	AWG 26...14	2.5
8 kV / 3			
A3, A1 / V-0			

KEMA 98ATEX1685 U

Rated connection	Further connection
0.5...4 / 1.5...4	0.5...4
0.5...4 / 0.5...2.5	0.5...0.5 / 0.5...2.5
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1	
0.5...1.5 / 0.5...1.5	

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

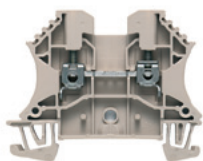
Type	Qty.	Order No.
WDU 2.5/1.5/ZR	100	1024700000
WDU 2.5/1.5/ZR BL	100	1024780000

The rated voltage is 400 V when using ZQV cross-connection, additional connection (right 1.5 mm<sup>2</sup>).

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
Width			
WEW 35/2	8 mm	100	1061200000
Width			
WTA 2 WDU2.5-10	5 mm	25	1632320000
WTA 2/ZA WDU2.5-10	5 mm	25	1632330000
Width			
DEK 5/5 / WS 12/5			
Use a 2.5 / 1 mm <sup>2</sup> conductor when using the WQB.			

WDU 2.5

2.5 mm<sup>2</sup>



5.1 x 60 x 47  
32 / 4  
0.05...4



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
24	25 (C)	20 (C)	21
2.5	AWG 30...12	AWG 26...12	2.5

8 kV / 3  
A3 / V-0

KEMA 98ATEX1683 U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.8 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	Qty.	Order No.
WDU 2.5	100	1020000000
WDU 2.5 BL	100	1020080000

Rated voltage is 400 V when using cross-connection ZQV  
Refer to the W-Series Accessories section for colour versions.

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
<b>Width</b>			
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
<b>Width</b>			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
<b>Width</b>			
WEW 35/2	8 mm	100	1061200000
<b>Width</b>			
WTA 2 WDU2.5-10	5 mm	25	1632320000
WTA 2/ZA WDU2.5-10	5 mm	25	1632330000
<b>Width</b>			
WAD 5 MC NE WS	5 mm	48	1112910000
WAD 5 MC NE GE	5 mm	48	1112920000

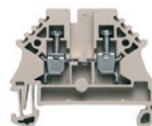
DEK 5/5 / WS 12/5

Ensure 2.5 mm<sup>2</sup> max. when using the WQB. Only 400 V when using the shielding rail LS 2,8 1056400000.

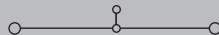
WDU 2.5N

2.5 mm<sup>2</sup>

With screwable cross-connection  
Compact design



5.1 x 44 x 37.5  
32 / 4  
0.05...4



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500	300 (D)	300 (D)	440
24	10 (D)	10 (D)	21
2.5	AWG 22...12	AWG 26...12	2.5

6 kV / 3  
A3 / V-0

KEMA 98ATEX1683 U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	Qty.	Order No.
WDU 2.5N	100	1023700000
WDU 2.5N BL	100	1023780000

Colour variants listed under the W-Series accessories section, "Specific functions".

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
<b>Width</b>			
WAP WDU2.5N/4N	1.5 mm	50	1060000000
WAP WDU2.5N/4N BL	1.5 mm	50	1060080000
<b>Width</b>			
EW 35	8.5 mm	50	0383560000
<b>Width</b>			
WTA 1 WDU1.5	5 mm	25	1632290000
WTA 1/ZA WDU1.5	5 mm	25	1632300000
<b>Width</b>			
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000

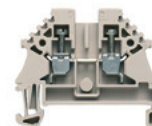
DEK 5/5 / WS 12/5

Socket and test plug, see section "W-Series accessories".

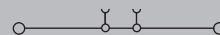
WDU 2.5N/ZQV

2.5 mm<sup>2</sup>

With pluggable cross-connection  
Compact design



5.1 x 44 x 37.5  
32 / 4  
0.05...4



IEC 60947-7-1

IEC	UL	CSA
500	600 (C)	300 (C)
24	25 (C)	25 (C)
2.5	AWG 22...12	AWG 26...12

6 kV / 3  
A3 / V-0

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	Qty.	Order No.
WDU 2.5N ZQV	100	1040800000
WDU 2.5N ZQV BL	100	1040880000

Rated voltage is 400 V when using the ZQV cross-connector.

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
<b>Width</b>			
WAP WDU2.5N/4N	1.5 mm	50	1060000000
WAP WDU2.5N/4N BL	1.5 mm	50	1060080000
<b>Width</b>			
EW 35	8.5 mm	50	0383560000
<b>Width</b>			
WTA 1 WDU1.5	5 mm	25	1632290000
WTA 1/ZA WDU1.5	5 mm	25	1632300000
<b>Width</b>			
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000

DEK 5/5 / WS 12/5

## Feed-through terminals

Identically contoured design of 2.5 to 10 mm<sup>2</sup> with identical end plates and partitions. An unmatched combination of many advantages!

The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

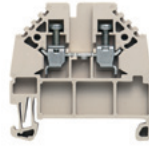
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
	Dark beige Wemid
Testing / Checking	
	Standard
	With assembly peg
Cover	
	With lightning flash symbol
	Blank, white
	Blank, yellow
Identification systems	
	(see assortment in catalogue 7)
	Marking tags
Note	

## WDU 2.5N/600 UL

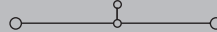
2.5 mm<sup>2</sup>

600V UL/CSA

Compact design



5.1 x 44 x 43.5  
32 / 4  
0.05...4



IEC 60947-7-1

IEC	UL	CSA
800	600 (C)	600 (C)
24	25 (C)	20 (C)
2.5	AWG 22...12	AWG 26...12
8 kV / 3		
A3 / V-0		

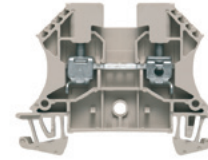


Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).	

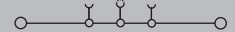
Type	Qty.	Order No.
WDU 2.5N/600UL	100	1730940000

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP WDU2.5N/4N	1.5 mm	50	1060000000
WAP WDU2.5N/4N BL	1.5 mm	50	1060080000
Width			
WEW 35/2	8 mm	100	1061200000
Width			
WTA 1 WDU1.5	5 mm	25	1632290000
WTA 1/ZA WDU1.5	5 mm	25	1632300000
Width			
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000
Width			
DEK 5/5 / WS 12/5			
Socket and test plug, see section "W-Series accessories".			

## WDU 4

4 mm<sup>2</sup>

6.1 x 60 x 47  
41 / 6  
0.13...6



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	690
32	35 (C)	35 (C)	28
4	AWG 22...10	AWG 26...10	4
8 kV / 3			
A4 / V-0			



KEMA 98ATEX1683 U

Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...6 / 0.5...4	
0.5...1 Nm (M 3)	
10 / 0.6 x 3.5 mm	
0.5...2.5	
0.5...1.5 / 0.5...1.5	
Rated voltage is 400 V when using the ZQV cross-connector. Note max. current of terminal (41 A) when using WQV!	

Type	Qty.	Order No.
WDU 4	100	1020100000
WDU 4 BL	100	1020180000

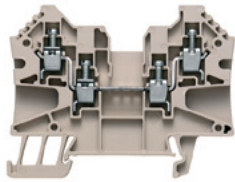
1000 V DC rated voltage tested.  
Refer to the W-Series Accessories section for colour versions.

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000
Width			
WQV 4/2	32 A	50	1051960000
WQV 4/3	32 A	50	1054560000
WQV 4/4	32 A	50	1054660000
WQV 4/10	41 A	20	1052060000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
Width			
WEW 35/2	8 mm	100	1061200000
Width			
WTA 3 WDU4	6 mm	25	1632350000
WTA 3/ZA WDU4	6 mm	25	1632360000
Width			
WAD 5 MC NE WS	5 mm	48	1112910000
WAD 5 MC NE GE	5 mm	48	1112920000
Width			
WS 12/6			
Socket and test plug refer to W-series Accessories section Only 400 V when using the shielding rail LS 2.8 1056400000.			

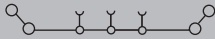
**WDU 4/ZZ**

**4 mm<sup>2</sup>**

Twin connection



6.1 x 70 x 53.5  
32 / 6  
0.05...6



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	
32	30 (C)	30 (C)	
4	AWG 30...10	AWG 30...10	4
8 kV / 3			
A4 / V-0			



Rated connection	Further connection
0.5...6 / 0.5...6	0.5...6
0.5...4 / 0.5...4	0.5...4 / 0.5...4
0.5...0.8 Nm (M 3)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDU 4/ZZ	50	1905060000

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000

Width			
WAP WDU/WTR4/ZR	1.5 mm	50	1905070000

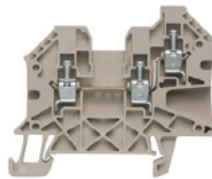
WEW 35/2	8 mm	100	1061200000
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DEK 5/6 / WS 12/6

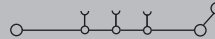
**WDU 4/ZR**

**4 mm<sup>2</sup>**

Supplementary connection, right



6.1 x 63.5 x 53.5  
32 / 6  
0.05...6



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	
32	30 (C)	30 (C)	
4	AWG 30...10	AWG 30...10	4
8 kV / 3			
A4 / V-0			



Rated connection	Further connection
0.5...6 / 0.5...6	0.5...6
0.5...4 / 0.5...4	0.5...4 / 0.5...4
0.5...0.8 Nm (M 3)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDU 4/ZR	50	1905140000

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000

Width			
WAP WDU/WTR4/ZR	1.5 mm	50	1905070000

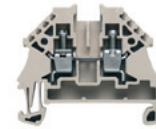
WEW 35/2	8 mm	100	1061200000
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DEK 5/6 / WS 12/6

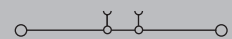
**WDU 4N**

**4 mm<sup>2</sup>**

Compact design



6.1 x 44 x 38.5  
39 / 6  
0.13...6



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500	300 (D)		440
32	10 (D)		27
4	AWG 26...10		4
6 kV / 3			
A4 / V-0			



Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...1 Nm (M 3)	
11 / 0.6 x 3.5 mm	
0.5...1.5	

Type	Qty.	Order No.
WDU 4N	100	1042600000
WDU 4N BL	100	1042680000

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000

Width			
WAP WDU2.5N/4N	1.5 mm	50	1060000000
WAP WDU2.5N/4N BL	1.5 mm	50	1060080000

WTA 1 WDU1.5	5 mm	25	1632290000
WTA 1/ZA WDU1.5	5 mm	25	1632300000
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000

DEK 5/6 / WS 12/6

## Feed-through terminals

Identically contoured design of 2.5 to 10 mm<sup>2</sup> with identical end plates and partitions. An unmatched combination of many advantages!

The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Note	

### Ordering data

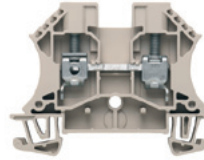
Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

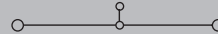
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Testing / Checking	
	Standard
Cover	
	With lightning flash symbol
	Blank, white
	Blank, yellow

Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	

## WDU 6

6 mm<sup>2</sup>

7.9 x 60 x 4.7  
**57 / 10**  
**0.22...10**



IEC 60947-7-1

Ex e II



II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
41	50 (C)	50 (C)	36
6	AWG 22...8	AWG 22...8	6
8 kV / 3			
A5 / V-0			

 KEMA 98ATEX1683 U

Rated connection	Further connection
0.5...10 / 1.5...10	
0.5...10 / 0.5...6	
0.8...1.6 Nm (M 3.5)	
12 / 4.0 x 0.8 mm	
0.5...2.5	
0.5...2.5 / 0.5...2.5	

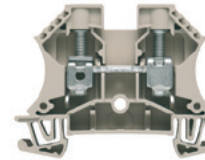
Note max. current of terminal (57 A) when using WQV! Conductor connection H07V...10 and AWG 8 tighten with 1.4-1.6 Nm.

Type	Qty.	Order No.
WDU 6	100	1020200000
WDU 6 BL	100	1020280000
1000 V DC rated voltage tested. Refer to the W-Series Accessories section for colour versions.		

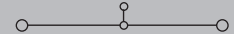
Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
WEW 35/2	8 mm	100	1061200000
WTA 5/1	5 mm	25	1051260000
WAD 8 MC NE WS	8 mm	48	1112940000
WAD 8 MC NE GE	8 mm	48	1112950000

Type	current	Qty.	Order No.
DEK 5/8 / WS 12/6,5			
Socket and test plug refer to W-series Accessories section Only 400 V when using the shielding rail LS 2.8 1056400000.			

## WDU 10

10 mm<sup>2</sup>

9.9 x 60 x 4.7  
**76 / 16**  
**1.31...16**



IEC 60947-7-1

Ex e II



II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600 (C)	600 (C)	550
57	65 (C)	65 (C)	50
10	AWG 18...6	AWG 18...6	10
8 kV / 3			
B6 / V-0			

 KEMA 98ATEX1683 U

Rated connection	Further connection
1.5...16 16	
1.5...16 / 1.5...16	
1.2...2.4 Nm (M 4)	
12 / 1.0 x 5.5 mm	
1.5...6 / 0.5...6	
0.5...6 / 0.5...6	

Note max. current of terminal (76 A) when using WQV. AWG 6/7 and H07V-R16 tighten with 2.4 Nm.

Type	Qty.	Order No.
WDU 10	50	1020300000
WDU 10 BL	50	1020380000
For colour variants, refer to the W-Series accessories section, "Specific functions".		

Type	current	Qty.	Order No.
WQV 10/2	57 A	50	1052560000
WQV 10/3	57 A	50	1054960000
WQV 10/4	57 A	50	1055060000
WQV 10/10	57 A	20	1052460000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
WEW 35/2	8 mm	100	1061200000
WTA 5/1	5 mm	25	1051260000
WAD 8 MC NE WS	8 mm	48	1112940000
WAD 8 MC NE GE	8 mm	48	1112950000

Type	current	Qty.	Order No.
DEK 5/5 / WS 12/6,5			
Socket and test plug refer to W-series Accessories section Only 400 V when using the shielding rail LS 2.8 1056400000.			



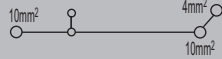
**WDU 10/ZR**

**10 mm<sup>2</sup>**

Supplementary connection, right (4 mm<sup>2</sup>)



9.9 x 70 x 49.5  
**76 / 16**  
**1.31...16**



IEC 60947-7-1

IEC	UL	CSA
800	600 (C)	600 (C)
57	65 (C)	65 (C)
10	AWG 16...6	AWG 16...6
8 kV / 3		
B6, A4 / V-0		



Rated connection	Further connection
1.5...16 / 1.5...16	0.5...6 / 1.5...4
1...6 / 1.5...16	0.5...4 / 0.5...4
1.2...2.4 Nm (M 4)	
12 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

1.5...6  
1...6 / 1...6

Note max. current of terminal (76 A) when using WQV, AWG 6/7 and H07V-R16 secured with 2.4 Nm. ZR connection top right A 4.

Type	Qty.	Order No.
WDU 10/ZR	50	<b>1042400000</b>
WDU 10/ZR BL	50	<b>1042480000</b>

The rated specifications refer to the 10 mm<sup>2</sup> connection.

Type	current	Qty.	Order No.
WQV 10/2	57 A	50	<b>1052560000</b>
WQV 10/3	57 A	50	<b>1054960000</b>
WQV 10/4	57 A	50	<b>1055060000</b>
WQV 10/10	57 A	20	<b>1052460000</b>
<b>Width</b>			
WAP 16+35 WTW 2.5-10	1.5 mm	20	<b>1050100000</b>
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	<b>1050180000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>
WTA 5/1	5 mm	25	<b>1051260000</b>

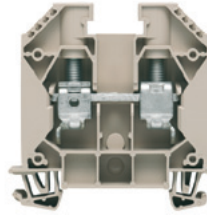
DEK 5/5 / WS 12/6,5

Socket and test plug, see section "W-Series accessories".

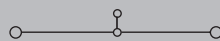
**WDU 16**

**16 mm<sup>2</sup>**

With peg for higher connection stability



11.9 x 60 x 63  
**101 / 25**  
**0.82...25**



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600 (C)	600 (C)	690
76	85 (C)	85 (C)	66
16	AWG 18...4	AWG 18...6	16
8 kV / 3			
B7 / V-0			



KEMA 98ATEX1683 U

Rated connection	Further connection
1.5...16 / 1.5...25	
1.5...25 / 1.5...16	
3...4 Nm (M 5)	
16 / 1.0 x 5.5 mm	

1.5...4  
1.5...4 / 1.5...4

Conductor connection H07V...16 and AWG 6 with tightening torque of 2.0-2.4 Nm.

Type	Qty.	Order No.
WDU 16/ZA	50	<b>1028900000</b>
WDU 16/ZA BL	50	<b>1028980000</b>

Order no. 1020400000 and 1020480000 (blue) versions without pegs (50 pcs.)

Type	current	Qty.	Order No.
WQV 16/2	76 A	50	<b>1053260000</b>
WQV 16/3	76 A	50	<b>1055160000</b>
WQV 16/4	76 A	50	<b>1055260000</b>
WQV 16/10	76 A	10	<b>1053360000</b>
<b>Width</b>			
WAP 16+35 WTW 2.5-10	1.5 mm	20	<b>1050100000</b>
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	<b>1050180000</b>
WEW 35/1	12 mm	50	<b>1059000000</b>
WAD 12 M. BL.	12 mm	50	<b>1055960000</b>
WAD 12 NEUTRAL	12 mm	50	<b>1056260000</b>

DEK 5/5 / WS 12/6,5

Socket and test plug, see section "W-Series accessories".

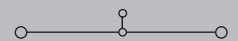
**WDU 16N**

**16 mm<sup>2</sup>**

Suitable for power distribution  
Compact design



12 x 60 x 47  
**101 / 25**  
**1.5...25**



IEC 60947-7-1

IEC	UL	CSA
690	300 (C)	300 (C)
76	70 (C)	70 (C)
16	AWG 14...6	AWG 14...6
8 kV / 3		
B7 / V-0		



Rated connection	Further connection
1.5...16 / 1.5...25	
1.5...16 / 1.5...16	
1.2...2.4 Nm (M 4)	
12 / 1.0 x 5.5 mm	

1.5...4  
1.5...4 / 1.5...4

AWG 6/7 and H07V-R25 tighten with a tightening torque of 1.5 Nm.

Type	Qty.	Order No.
WDU 16N	50	<b>1036100000</b>
WDU 16N BL	50	<b>1036180000</b>

Type	current	Qty.	Order No.
WQV 16N/2	76 A	50	<b>1636560000</b>
WQV 16N/3	76 A	50	<b>1636570000</b>
WQV 16N/4	76 A	50	<b>1636580000</b>
<b>Width</b>			
WTW EN	3 mm	20	<b>1058800000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>
WTA 2 WDU2.5-10	5 mm	25	<b>1632320000</b>
WAD 12N GE BED	12 mm	50	<b>1073200000</b>
WAD 12 NEUTRAL	12 mm	50	<b>1056260000</b>

DEK 5/5 / WS 10/12

Socket and test plug, see section "W-Series accessories".

## Feed-through terminals

Identically contoured design of 2.5 to 10 mm<sup>2</sup> with identical end plates and partitions. An unmatched combination of many advantages!  
The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



### Technical data

<b>Rated data</b>	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
<b>2 conductors with same cross-section (H05V/H07V)</b>	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
<b>Note</b>	

### Ordering data

<b>Version</b>	
	Dark beige Wemid
	Blue Wemid
<b>Note</b>	

### Accessories

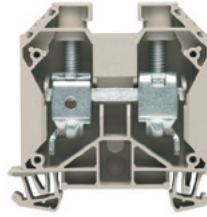
<b>Screwable cross-connection</b>	
	2-pole
	3-pole
	4-pole
	10-pole
<b>End plate / Partition plate</b>	
	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid
	Blue Wemid
<b>End bracket</b>	Dark beige Wemid
<b>Testing / Checking</b>	Standard
<b>Cover</b>	
	With lightning flash symbol
	Blank, white
	Blank, yellow

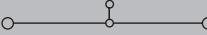
<b>Identification systems</b>	(see assortment in catalogue 7)
	Marking tags
<b>Note</b>	

## WDU 35

35 mm<sup>2</sup>

Clamping screw / spigot for good connection stability



16 x 60 x 63	
<b>150 / 50</b>	
<b>2.5...50</b>	

IEC 60947-7-1 Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000 (C)	1000 (C)	690
125	150 (C)	150 (C)	109
35	AWG 12...0	AWG 12...2	35
8 kV / 3			
B8 / V-0			

 KEMA 98ATEX1683 U

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...5 Nm (M 6)	
18 / 6.5 x 1.2 mm	
2.5...10 / 16...16	
2.5...16 / 2.5...16	
<b>Note</b>	

Type	Qty.	Order No.
WDU 35/ZA	40	1028800000
WDU 35/ZA BL	40	1028880000
Order no. 1020500000 and 1020580000 (blue) versions without pegs (40 pcs.)		

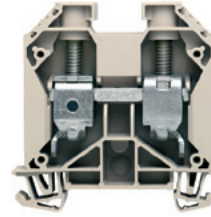
Type	current	Qty.	Order No.
WQV 35/2	135 A	50	1053060000
WQV 35/3	112 A	50	1055360000
WQV 35/4	112 A	50	1055460000
WQV 35/10	112 A	10	1053160000
Width			
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
WEW 35/1	12 mm	50	1059000000
WAD 12 M. BL.	12 mm	50	1055960000
WAD 12 NEUTRAL	12 mm	50	1056260000

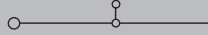
DEK 5/5 / WS 12/6,5
Socket and test plug, see section "W-Series accessories".

## WDU 35 IK

35 mm<sup>2</sup>

Hexagonal socket / spigot for good connection stability



16 x 60 x 63	
<b>150 / 50</b>	
<b>2.5...50</b>	

IEC 60947-7-1 Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600 (C)	600 (C)	690
125	150 (C)	120 (C)	109
35	AWG 12...12	AWG 12...2	35
8 kV / 3			
B8 / V-0			

 KEMA 98ATEX1683 U

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...6 Nm (M 6)	
18 / S6 (DIN 6911)	
2.5...10 / 16...16	
2.5...16 / 2.5...16	
<b>Note</b>	

Type	Qty.	Order No.
WDU 35/IK/ZA	25	1029000000
Order no. 1020600000 and 1020680000 (blue) versions without pegs (25 pcs.)		

Type	current	Qty.	Order No.
WQV 35/2	135 A	50	1053060000
WQV 35/3	112 A	50	1055360000
WQV 35/4	112 A	50	1055460000
WQV 35/10	112 A	10	1053160000
Width			
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
WEW 35/1	12 mm	50	1059000000
WAD 12 M. BL.	12 mm	50	1055960000
WAD 12 NEUTRAL	12 mm	50	1056260000

DEK 5/5 / WS 12/6,5
Socket and test plug, see section "W-Series accessories".

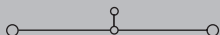
**WDU 35N**

**35 mm<sup>2</sup>**

Suitable for power distribution  
Compact design



16 x 66 x 51  
**150 / 50**  
**2.5...50**



IEC 60947-7-1

IEC	UL	CSA
500	1000 (C)	300 (D)
125	150 (C)	10 (D)
35	AWG 12...0	AWG 12...2
6 kV / 3		
B8 / V-0		

®

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...5 Nm (M 6)	
18 / 6.5 x 1.2 mm	
2.5...6	
2.5...6 / 2.5...6	

Type	Qty.	Order No.
WDU 35N	20	<b>1040400000</b>
WDU 35N BL	20	<b>1040480000</b>

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Type	current	Qty.	Order No.
WQV 35N/2	135 A	20	<b>1079200000</b>
WQV 35N/3	101 A	20	<b>1079300000</b>
WQV 35N/4	101 A	20	<b>1079400000</b>
Width			
WTW EN	3 mm	20	<b>1058800000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>
WAD 16N GE BED	15.8 mm	50	<b>1083600000</b>

DEK 5/5 / WS 12/6,5

## Feed-through terminals

Identically contoured design of 2.5 to 10 mm<sup>2</sup> with identical end plates and partitions. An unmatched combination of many advantages!  
The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
End bracket	
	Dark beige Wemid
Cover	
	With lightning flash symbol
Additional connection	
	10 mm <sup>2</sup>

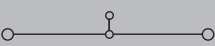
Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	



## WDU 50N

50 mm<sup>2</sup>

Compact design



18.5 x 70 x 70.6	
<b>192 / 70</b>	
<b>10...70</b>	

IEC 60947-7-1				Ex e II  II 2 G D			
IEC	UL	CSA	EN 60079-7				
1000	600 (C)	600 (C)	690				
150	150 (C)	150 (C)	126				
50	AWG 10...0	AWG 8...0	50				
				8 kV / 3			
				B10 / V-0			
				KEMA 98ATEX1685 U			
Rated connection		Further connection					
10...16 / 10...70							
10...50 / 10...50							
3.5...6 Nm (M 6)							
24 / S4 (DIN 6911)							
...16 / 6...16							
6...16 / 6...16							
Copper straps can be used; see online catalogue for possible connections.							

Type	Qty.	Order No.
WDU 50N	10	<b>1820840000</b>
WDU 50N BL	10	<b>1820850000</b>
1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.		

Type	current	Qty.	Order No.
WQV 50N/2	150 A	5	<b>1834060000</b>
WQV 50N/3	150 A	5	<b>1834070000</b>
WQV 50N/4	150 A	5	<b>1834080000</b>
Width			
WEW 35/1	12 mm	50	<b>1059000000</b>
WAD 20 GE WSD	18 mm	10	<b>9512260000</b>
WZAD 50N	12.5 mm	5	<b>1872720000</b>

Identification systems	(see assortment in catalogue 7)
	Marking tags
DEK 5/5 / WS 12/6,5	
Auxiliary connection for additional conductor "WZAD 50N" 1872720000 (up to 10 mm <sup>2</sup> , 41 A).	

## WDU 50N IR


50 mm<sup>2</sup>

Six-lobe socket



**NEW**

18.5 x 70 x 70.6	
<b>192 / 70</b>	
<b>10...70</b>	

IEC 60947-7-1		
IEC	UL	CSA
1000		
150		
50		
8 kV / 3		
B10 / V-0		
		
Rated connection		Further connection
10...16 / 10...70		
10...50 / 10...50		
3...6 Nm (M 6)		
24 /		
...16 / 6...16		
6...16 / 6...16		

Type	Qty.	Order No.
WDU 50N IR	10	<b>1186630000</b>
1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.		

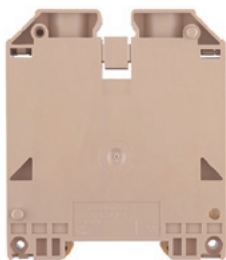
Type	current	Qty.	Order No.
WQV 50N/2	150 A	5	<b>1834060000</b>
WQV 50N/3	150 A	5	<b>1834070000</b>
WQV 50N/4	150 A	5	<b>1834080000</b>
Width			
WEW 35/1	12 mm	50	<b>1059000000</b>
WAD 20 GE WSD	18 mm	10	<b>9512260000</b>
WZAD 50N	12.5 mm	5	<b>1872720000</b>

Identification systems	(see assortment in catalogue 7)
	Marking tags
DEK 5/5 / WS 12/6,5	

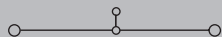
**WDU 70N**

**70 mm<sup>2</sup>**

Compact design



20.5 x 75 x 86  
**232 / 95**  
**10...95**



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600 (C)	600 (C)	690
192	195 (C)	205 (C)	167
70	AWG 6...000	AWG 6...000	70
8 kV / 3			
B11 / V-0			

KEMA 98ATEX1683 U

Rated connection	Further connection
10...16 / 10...95	
10...70 / 10...70	
6...12 Nm (M 8)	
22 / S6 (DIN 6911)	
10...16 / 10...	
10...25 / 6...25	

Copper straps can be used; see online catalogue for possible connections.

Type	Qty.	Order No.
WDU 70N/35	10	<b>9512190000</b>
WDU 70N/35 BL	10	<b>9512420000</b>

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Type	current	Qty.	Order No.
WQV 70N/2	192 A	5	<b>9512240000</b>
WQV 70N/3	192 A	5	<b>9512250000</b>
WQV 70N/4	192 A	5	<b>9531290000</b>
Width			
WEW 35/1	12 mm	50	<b>1059000000</b>
WAD 20 GE WSD	18 mm	10	<b>9512260000</b>
WZAD 70N	12.5 mm	5	<b>1964830000</b>

DEK 5/5 / WS 12/6,5  
 Auxiliary connection for additional conductor "WZAD 70N" 1964830000 (up to 10 mm<sup>2</sup>, 41 A).

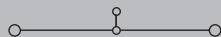
**WDU 95N/120N**

**120 mm<sup>2</sup>**

Compact design



27 x 91 x 91  
**290 / 150**  
**16...150**



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000 (C)	1000 (C)	880
269	228 (C)	220 (C)	243
120	AWG 4...250	AWG 4...0000	120
8 kV / 3			
B13 / V-0			

KEMA 98ATEX1683 U

Rated connection	Further connection
16...16 / 16...150	
16...120 / 16...95	
12...20 Nm M 10	
27 / S6 (DIN 6911)	
16...16 / 10...35	
16...35 / 10...35	

Copper strips can be used. See online cat. When connecting AWG conductor of 250 kcmil, use stripping length 30 mm and tightening torque 16 Nm.

Type	Qty.	Order No.
WDU 95N/120N	5	<b>1820550000</b>
WDU 95N/120N BL	5	<b>1820560000</b>

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Type	current	Qty.	Order No.
WQV 95/120/2	269 A	5	<b>1826890000</b>
WQV 95/120/3	269 A	5	<b>1826900000</b>
WQV 95/120/4	269 A	5	<b>1826910000</b>
Width			
WEW 35/1	12 mm	50	<b>1059000000</b>
WAD 20 GE WSD	18 mm	10	<b>9512260000</b>
WZAD 95N/120N	12.5 mm	5	<b>1859580000</b>

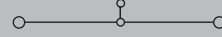
DEK 5/5 / WS 12/6,5  
 Auxiliary connection for additional conductor "WZAD 95N/120N" 1859580000 (up to 10 mm<sup>2</sup>, 41 A).

**WDU 240**

**240 mm<sup>2</sup>**



36 x 100 x 124  
**415 / 240**  
**70...240**



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600 (C)	600 (C)	1100
415	380 (C)	400 (C)	300
240	AWG 0...500		240
8 kV / 3			
B15 / V-0			

KEMA 01ATEX2186 U

Rated connection	Further connection
70...240 / 70...240	
70...240 / 70...185	
25...30 Nm M 10	
40 / S8 (DIN 6911)	
/ 35...95	
50...95 / 35...50	

Copper straps can be used; see online catalogue for possible connections.

Type	Qty.	Order No.
WDU 240	2	<b>1802780000</b>
WDU 240 BL	2	<b>1822210000</b>

Type	current	Qty.	Order No.
WQB 240/2	320 A	5	<b>1802790000</b>
WQB 240/3	320 A	5	<b>1802800000</b>
Width			
WEW 35/1	12 mm	50	<b>1059000000</b>
WZAD 240	10.15 mm	5	<b>1802810000</b>

DEK 5/5 / WS 12/6,5  
 Aux. connection for extra conductor "WZAD 240", Order no. 180281000 (up to 10 mm<sup>2</sup>, 57 A) ELPF insertion profile, for ribbon cable, Order no. 1824680000.

## Feed-through terminals

Wires with large cross-sections do not need forceful pushing in. Instead they can be simply inserted into the terminal block.

Direct mounting is possible using the elongated slots in the bottom of the terminal.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
<b>Note</b>	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
<b>Note</b>	

### Accessories

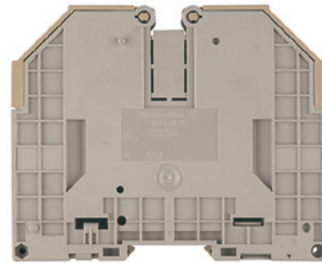
Screwable cross-connection	
	2-pole
	3-pole
End bracket	
	Dark beige Wemid
Cover	
	With lightning flash symbol
	Blank, white
Additional connection	
	4 mm <sup>2</sup>

Identification systems	
	(see assortment in catalogue 7)
	Marking tags
<b>Note</b>	

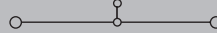
## WDU 70/95

95 mm<sup>2</sup>

Conductor can be inserted from above / leaf spring



27 x 132 x 115.5  
**232 / 120**  
**13.3...120**



IEC 60947-7-1

Ex e II



II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000 (C)	600 (C)	690
232	175 (C)	205 (C)	202
95	AWG 6...00	AWG 6...00	95
8 kV / 3			
B12 / V-0			



Rated connection	Further connection
16...16 / 16...120	
16...95 / 16...95	
6...12 Nm (M 8)	
30 / S6 (DIN 6911)	
16...16 / 16...35	
16...35 / 16...35	

Type	Qty.	Order No.
WDU 70/95	10	1024600000
WDU 70/95 BL	10	1024680000
Refer to the online catalogue for information on the ribbon cable. Refer to the W-Series accessories section for information on direct mounting.		

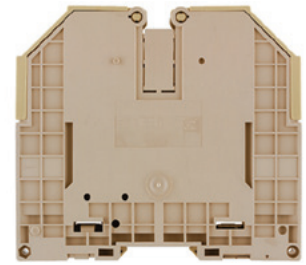
Type	current	Qty.	Order No.
WQV 70/95/2	192 A	5	1063500000
WQV 70/95/3	232 A	5	1063600000
Width			
WEW 35/1	12 mm	50	1059000000
WAD 27 M. BL.	27 mm	10	1062860000
WAD 27 NEUTRAL	27 mm	10	1062960000
WZAD 70/95	19.7 mm	10	1066000000

DEK 5/5 / WS 12/6,5
Auxiliary connection for the additional conductor "WZAD 70", Order no. 1066000000 (up to 4 mm <sup>2</sup> , 32 A).

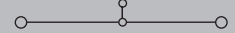
## WDU 120/150

150 mm<sup>2</sup>

Conductor can be inserted from above / leaf spring



32 x 132 x 125.5  
**309 / 150**  
**33.63...150**



IEC 60947-7-1

Ex e II



II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000 (C)	600 (C)	1100
309	225 (C)	285 (C)	234
150	AWG 2...250	AWG 2...250	150
8 kV / 3			
B13 / V-0			



Rated connection	Further connection
/ 35...150	
35...150 / 35...150	
10...20 Nm M 10	
35 / S6 (DIN 6911)	
...16 / 35...70	
35...70 / 35...70	

Type	Qty.	Order No.
WDU 120/150	10	1024500000
WDU 120/150 BL	10	1024580000
Refer to the online catalogue for information on the ribbon cable. Refer to the W-Series accessories section for information on direct mounting.		

Type	current	Qty.	Order No.
WQV 120/2	269 A	5	1063300000
WQV 120/3	269 A	5	1063400000
Width			
WEW 35/1	12 mm	50	1059000000
WAD 27 M. BL.	27 mm	10	1062860000
WAD 27 NEUTRAL	27 mm	10	1062960000
WZA D120	24 mm	10	1066100000

DEK 5/5 / WS 12/6,5
Auxiliary connection for the additional conductor "WZAD 120", Order no. 1066100000 (up to 4 mm <sup>2</sup> , 32 A).



## Double-level terminals

Identically contoured design of 2.5 to 10 mm<sup>2</sup> with identical end plates and partitions. An unmatched combination of many advantages!

The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

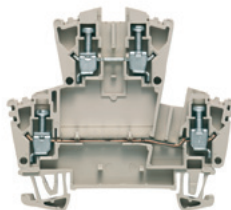
### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Cover	
	With lightning flash symbol
	Blank, white
Identification systems	
	(see assortment in catalogue 7)
	Marking tags
Note	

## WDK 2.5 ZQV

2.5 mm<sup>2</sup>

### Plug-in cross-connection



5.1 x 65.4 x 63.5	
<b>32 / 4</b>	
<b>0.05...4</b>	

IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
400	300 (C)	300 (C)	275
24	20 (C)	25 (C)	21
2.5	AWG 30...12	AWG 26...12	2.5
6 kV / 3			
A3 / V-0			

	<b>Rated connection</b>
	0.5...4 / 1.5...4
	0.5...4 / 0.5...2.5
	0.4...0.6 Nm (M 2.5)
	10 / 0.6 x 3.5 mm
	0.5...1.5
	0.5...1.5 / 0.5...1.5
2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)	

Type	Qty.	Order No.
WDK 2.5 ZQV	100	1041100000
WDK 2.5 ZQV BL	100	1041180000
Rated voltage is 400 V when using cross-connection ZQV Refer to the W-Series Accessories section for colour versions.		

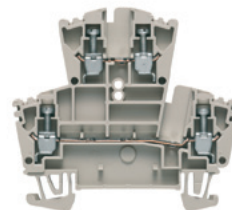
Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
WAP WDK2.5	1.5 mm	20	1059100000
WAP WDK2.5 BL	1.5 mm	20	1059180000
WTW EN	3 mm	20	1058800000
Width			
WEW 35/1	12 mm	50	1059000000
Width			
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000

DEK 5/5 / WS 8/5	Test plug and socket, see section "W-Series accessories" Ensure 2.5 mm <sup>2</sup> max. when using the WQB.
------------------	---

## WDK 2.5

2.5 mm<sup>2</sup>

### Screwable cross-connection



5.1 x 69 x 63.5	
<b>32 / 4</b>	
<b>0.05...4</b>	

IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
400	300 (C)	300 (C)	275
24	20 (C)	10 (C)	21
2.5	AWG 30...12	AWG 26...12	2.5
6 kV / 3			
A3 / V-0			

	<b>Rated connection</b>
	0.5...4 / 1.5...4
	0.5...4 / 0.5...2.5
	0.4...0.6 Nm (M 2.5)
	10 / 0.6 x 3.5 mm
	0.5...1.5
	0.5...1.5 / 0.5...1.5
2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)	

Type	Qty.	Order No.
WDK 2.5	100	1021500000
WDK 2.5 BL	100	1021580000
For colour variants, refer to the W-Series accessories section, "Specific functions"		

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP WDK2.5	1.5 mm	20	1059100000
WAP WDK2.5 BL	1.5 mm	20	1059180000
WTW EN	3 mm	20	1058800000
Width			
WEW 35/1	12 mm	50	1059000000
Width			
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000

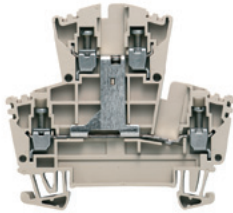
DEK 5/5 / WS 8/5	Test plug and socket, see section "W-Series accessories" Ensure 2.5 mm <sup>2</sup> max. when using the WQB.
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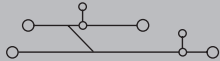
**WDK 2.5 V**

**2.5 mm<sup>2</sup>**

Both levels at one potential



5.1 x 69.5 x 63.5  
32 / 4  
0.05...4



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
400	600 (C)	300 (C)	275
24	20 (C)	10 (C)	21
2.5	AWG 22...12	AWG 26...12	2.5

6 kV / 3  
A3 / V-0

KEMA 98ATEX1687 U

**Rated connection**

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
10 / 0.6 x 3.5 mm

0.5...1.5  
0.5...1.5 / 0.5...1.5

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)

Type	Qty.	Order No.
WDK 2.5V	100	1022300000
WDK 2.5V BL	100	1022380000

For colour variants, refer to the section on W-Series accessories, "Specific functions"

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
<b>Width</b>			
WAP WDK2.5	1.5 mm	20	1059100000
WAP WDK2.5 BL	1.5 mm	20	1059180000
WTW EN	3 mm	20	1058800000
WEW 35/1	12 mm	50	1059000000
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000

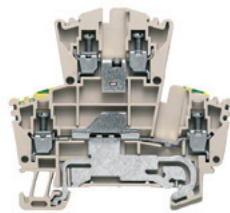
DEK 5/5 / WS 8/5

Test plug and socket, see section "W-Series accessories"  
Ensure 2.5 mm<sup>2</sup> max. when using the WQB.

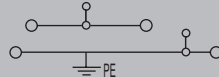
**WDK 2.5 DU-PE**

**2.5 mm<sup>2</sup>**

Lower level earthed on terminal rail



5.1 x 69.5 x 63.5  
32 / 4  
0.05...4



IEC 60947-7-1 (-7-2)

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
400	300 (C)	300 (D)	275
24	20 (C)	20 (D)	21
2.5	AWG 22...12	AWG 22...12	2.5

6 kV / 3  
A3 / V-0

KEMA 98ATEX1687 U

**Rated connection**

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
10 / 0.6 x 3.5 mm

0.5...1.5  
0.5...1.5 / 0.5...1.5

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)

Type	Qty.	Order No.
WDK 2.5DU-PE	100	1036400000

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
<b>Width</b>			
WAP WDK2.5	1.5 mm	20	1059100000
WAP WDK2.5 BL	1.5 mm	20	1059180000
WTW EN	3 mm	20	1058800000
WEW 35/1	12 mm	50	1059000000
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000

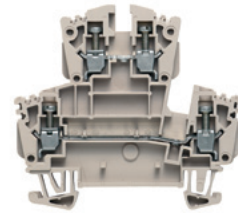
DEK 5/5 / WS 8/5

Test plug and socket, see section "W-Series accessories"  
Ensure 2.5 mm<sup>2</sup> max. when using the WQB.

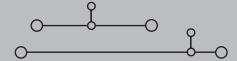
**WDK 2.5 / 800 V**

**2.5 mm<sup>2</sup>**

Rated voltage 800 V



6.1 x 69 x 63.5  
32 / 4  
0.05...4



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800			440
24			24
2.5		AWG 26...12	2.5

8 kV / 3  
A3 / V-0

KEMA 98ATEX1685 U

**Rated connection**

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
10 / 0.6 x 3.5 mm

0.5...1.5  
0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WDK 2.5/EX	100	1029100000

Type	current	Qty.	Order No.
Q 2 AKZ4SS	20 A	50	0369000000
Q 10 AKZ4SS	20 A	20	0369300000
<b>Width</b>			
WAP WDK2.5	1.5 mm	20	1059100000
WAP WDK2.5 BL	1.5 mm	20	1059180000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WEW 35/1	12 mm	50	1059000000
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000

DEK 5/6 / WS 8/5

Test plug and socket, see section "W-Series accessories"  
Ensure 2.5 mm<sup>2</sup> max. when using the WQB.

**Double-level terminals**

Identically contoured design of 2.5 to 10 mm<sup>2</sup> with identical end plates and partitions. An unmatched combination of many advantages!  
The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>




**Technical data**

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Note	

**Ordering data**

Version	Dark beige Wemid Blue Wemid
Note	

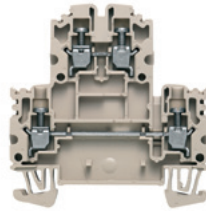
**Accessories**

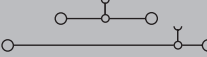
Pluggable cross-connection	
	2-pole 3-pole 4-pole 10-pole 20-/24-pole
Screwable cross-connection	
	2-pole 3-pole 4-pole 10-pole
End plate / Partition plate	
	Dark beige Wemid Blue Wemid Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Cover	
	With lightning flash symbol Blank, white
Identification systems	
	(see assortment in catalogue 7) Marking tags
Note	



**WDK 2.5N**

2.5 mm<sup>2</sup>

Plug-in cross-connection  
Compact design



5.1 x 60.7 x 62.45	
<b>28 / 4</b>	
<b>0.05...4</b>	

IEC 60947-7-1	Ex e II		II 2 G D
IEC	UL	CSA	EN 60079-7
800	600 (C)	300 (C)	550
24	20 (C)	20 (C)	21
2.5	AWG 26...12	AWG 26...12	2.5
8 kV / 3			
A3 / V-0			
 KEMA 00ATEX2061 U			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
0.4...0.6 Nm (M 2.5)			
8 / 0.6 x 3.5 mm			
0.5...1.5			
0.5...1.5 / 0.5...1.5			
The rated voltage is reduced to 400 V when using the cross-connection ZQV 2.5N.			

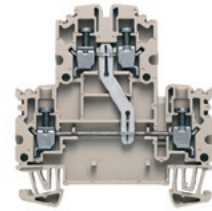
Type	Qty.	Order No.
WDK 2.5N	100	1041600000
WDK 2.5N BL	100	1041680000

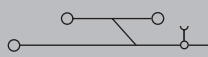
Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
WAP WDK2.5/4 N	1.5 mm	20	1084000000
WAP WDK2.5/4 N BL	1.5 mm	20	1084080000
WTW EN	3 mm	20	1058800000
WEW 35/1	12 mm	50	1059000000
Identification systems			
DEK 5/5 / WS 8/5			
Note			



**WDK 2.5N V**

2.5 mm<sup>2</sup>

Both levels at one potential  
Compact design



5.1 x 60.7 x 62.45	
<b>28 / 4</b>	
<b>0.05...4</b>	

IEC 60947-7-1	Ex e II		II 2 G D
IEC	UL	CSA	EN 60079-7
800	600 (C)	300 (C)	550
24	20 (C)	20 (C)	21
2.5	AWG 26...12	AWG 26...12	2.5
8 kV / 3			
A3 / V-0			
 KEMA 00ATEX2061 U			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
0.4...0.6 Nm (M 2.5)			
8 / 0.6 x 3.5 mm			
0.5...1.5			
0.5...1.5 / 0.5...1.5			
The rated voltage is reduced to 400 V when using the cross-connection ZQV.			

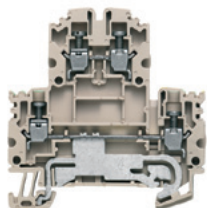
Type	Qty.	Order No.
WDK 2.5N V	100	1041610000

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
WAP WDK2.5/4 N	1.5 mm	20	1084000000
WAP WDK2.5/4 N BL	1.5 mm	20	1084080000
WTW EN	3 mm	20	1058800000
WEW 35/1	12 mm	50	1059000000
Identification systems			
DEK 5/5 / WS 8/5			
Note			

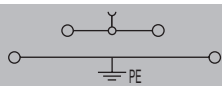
**WDK 2.5N DU-PE**

**2.5 mm<sup>2</sup>**

Lower level earthed on terminal rail  
Compact design



5.1 x 60.7 x 62.45  
**28 / 4**  
**0.05...4**



IEC 60947-7-1 (-7-2)

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (D)	550
24	20 (C)	5 (D)	21
2.5	AWG 26...12	AWG 26...12	2.5
8 kV / 3			
A3 / V-0			

KEMA 00ATEX2061 U

Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
8 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
The rated voltage is reduced to 400 V when using the cross-connection ZQV. It is prohibited to connect two conductors via the PE connection!	

Type	Qty.	Order No.
WDK 2.5N DU-PE	100	1041650000

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000

Width			
WAP WDK2.5/4 N	1.5 mm	20	1084000000
WAP WDK2.5/4 N BL	1.5 mm	20	1084080000
WTW EN	3 mm	20	1058800000

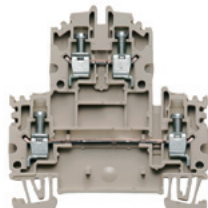
WEW 35/1 12 mm 50 1059000000

DEK 5/5 / WS 8/5

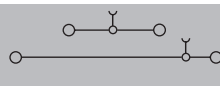
**WDK 4N**

**4 mm<sup>2</sup>**

Plug-in cross-connection  
Compact design



6.1 x 60 x 64.15  
**35 / 6**  
**0.13...6**



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	300 (C)	550
32	35 (C)	30 (C)	28
4	AWG 26...10	AWG 26...10	4
8 kV / 3			
A4 / V-0			

KEMA 00ATEX2061 U

Rated connection	
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...1 Nm (M 3)	
8 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
Rated voltage: 400 V when using ZQV cross-connection 2 wire H07V-U1.5, tighten with 0.6 Nm.	

Type	Qty.	Order No.
WDK 4N	100	1041900000
WDK 4N BL	100	1041980000

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000

Width			
WAP WDK2.5/4 N	1.5 mm	20	1084000000
WAP WDK2.5/4 N BL	1.5 mm	20	1084080000
WTW EN	3 mm	20	1058800000

WEW 35/1 12 mm 50 1059000000

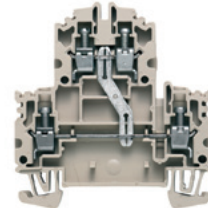
DEK 5/6 / WS 8/6

Test plug and socket, see section "W-Series accessories" Ensure 2.5 mm<sup>2</sup> max. when using the WQB.

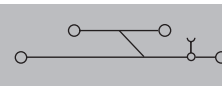
**WDK 4N V**

**4 mm<sup>2</sup>**

Both levels at one potential  
Compact design



6.1 x 60.7 x 64.15  
**35 / 6**  
**0.13...6**



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	300 (C)	550
32	35 (C)	30 (C)	28
4	AWG 26...10	AWG 26...10	4
8 kV / 3			
A4 / V-0			

KEMA 00ATEX2061 U

Rated connection	
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...1 Nm (M 3)	
8 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
Rated voltage: 400 V when using ZQV cross-connection 2 wire H07V-U1.5, tighten with 0.6 Nm.	

Type	Qty.	Order No.
WDK 4N V	100	1041910000

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000

Width			
WAP WDK2.5/4 N	1.5 mm	20	1084000000
WAP WDK2.5/4 N BL	1.5 mm	20	1084080000
WTW EN	3 mm	20	1058800000

WEW 35/1 12 mm 50 1059000000

DEK 5/6 / WS 8/6

Test plug and socket, see section "W-Series accessories" Ensure 2.5 mm<sup>2</sup> max. when using the WQB.

## Double-level terminals

Identically contoured design of 2.5 to 10 mm<sup>2</sup> with identical end plates and partitions. An unmatched combination of many advantages!

The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

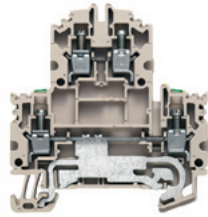
### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Cover	
	With lightning flash symbol
	Blank, white
Identification systems	
	(see assortment in catalogue 7)
	Marking tags
Note	

## WDK 4N DU-PE

**4 mm<sup>2</sup>**

Lower level earthed on terminal rail  
Compact design



6.1 x 60.7 x 64.15	
<b>35 / 6</b>	
<b>0.13...6</b>	

IEC 60947-7-1 (-7-2) Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	300 (C)	550
32	35 (C)	30 (C)	28
4	AWG 26...10	AWG 26...10	4
8 kV / 3			
A4 / V-0			

Rated connection	
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...1 Nm (M 3)	
8 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
Rated voltage is 400 V when using the ZQV cross-connector. It is prohibited to connect two conductors via the PE connection!	

Type	Qty.	Order No.
WDK 4N DU-PE	100	<b>1041950000</b>

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	<b>1758250000</b>
ZQV 4N/3 GE	32 A	60	<b>1762630000</b>
ZQV 4N/4 GE	32 A	60	<b>1762620000</b>
ZQV 4N/10 GE	32 A	20	<b>1758260000</b>
ZQV 4N/20 GE	32 A	20	<b>1909020000</b>
Width			
WAP WDK2.5/4 N	1.5 mm	20	<b>1084000000</b>
WAP WDK2.5/4 N BL	1.5 mm	20	<b>1084080000</b>
WTW EN	3 mm	20	<b>1058800000</b>
WEW 35/1	12 mm	50	<b>1059000000</b>

Note	
DEK 5/6 / WS 8/6	
Test plug and socket, see section "W-Series accessories" Ensure 2.5 mm <sup>2</sup> max. when using the WQB.	

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>




**Technical data**

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Note	

**Ordering data**

Version	
	Dark beige Wemid
	Blue Wemid
Note	

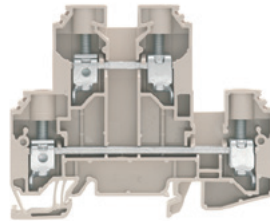
**Accessories**

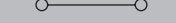
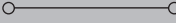
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Cover	
	With lightning flash symbol
	Blank, white
Identification systems (see assortment in catalogue 7)	
	Marking tags
Note	

**WDK 10**

10 mm<sup>2</sup>


**NEW**



9.9 x 85 x 69.5	
<b>76 / 16</b>	
<b>1.5...16</b>	

IEC 60947-7-1

IEC	UL	CSA
800	600 (C)	600 (C)
57	64 (C)	64 (C)
10	AWG 18...6	AWG 18...6
8 kV / 3		
B6 / V-0		

	<b>Rated connection</b>
	1.5...16 / 1.5...16
	1.5...16 / 1.5...16
	1.5...2.4 Nm (M 4)
	12 / 1.0 x 5.5 mm
Note	

Type	Qty.	Order No.
WDK 10	50	1186740000
WDK 10 BL	50	1186750000
Note		

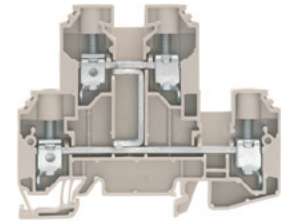
Type	current	Qty.	Order No.
WQV 10/2	57 A	50	1052560000
WQV 10/3	57 A	50	1054960000
WQV 10/4	57 A	50	1055060000
WQV 10/10	57 A	20	1052460000
Width			
WAP WDK10	1.5 mm	20	1186720000
WAP WDK10 BL	1.5 mm	20	1186730000
Note			
WEW 35/1	12 mm	50	1059000000
SDS 1.0X5.5X150		1	9008350000
Note			


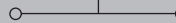
Identification systems (see assortment in catalogue 7)	
	Marking tags
	DEK 5/5
Note	

**WDK 10 V**

10 mm<sup>2</sup>


**NEW**



9.9 x 85 x 69.5	
<b>76 / 16</b>	
<b>1.5...16</b>	

IEC 60947-7-1

IEC	UL	CSA
800	600 (C)	600 (C)
57	49 (C)	49 (C)
10	AWG 18...6	AWG 18...6
8 kV / 3		
B6 / V-0		

	<b>Rated connection</b>
	1.5...16 / 1.5...16
	1.5...16 / 1.5...16
	1.5...2.4 Nm (M 4)
	12 / 1.0 x 5.5 mm
Note	

Type	Qty.	Order No.
WDK 10 V	50	1186770000
WDK 10 V BL	50	1186780000
Note		

Type	current	Qty.	Order No.
WQV 10/2	57 A	50	1052560000
WQV 10/3	57 A	50	1054960000
WQV 10/4	57 A	50	1055060000
WQV 10/10	57 A	20	1052460000
Width			
WAP WDK10	1.5 mm	20	1186720000
WAP WDK10 BL	1.5 mm	20	1186730000
Note			
WEW 35/1	12 mm	50	1059000000
SDS 1.0X5.5X150		1	9008350000
Note			

Identification systems (see assortment in catalogue 7)	
	Marking tags
	DEK 5/5
Note	

**PE terminals**

Identically contoured design of 2.5 to 10 mm<sup>2</sup> with identical end plates and partitions. An unmatched combination of many advantages!  
The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. cond. cross-section	mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

**Technical data**

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Tightening torque range for fixing screw	
Stripping length / Blade size	mm/-


**Note**

**Ordering data**

Version	green/yellow Wemid
---------	--------------------

**Note**

**Accessories**

Pluggable cross-connection	
	2-pole 3-pole 4-pole 10-pole 20-/24-pole
End plate / Partition plate	
	Dark beige Wemid Blue Wemid Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard

**Identification systems** (see assortment in catalogue 7)  
Marking tags

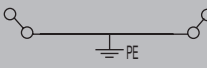
**Note**

**WPE 1.5/ZZ**

**1.5 mm<sup>2</sup>**

**Twin connection**



5.1 x 60 x 47	
<b>2.5</b>	
<b>0.13...2.5</b>	

IEC 60947-7-2 Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 22...14	AWG 26...14	1.5
800			
8			
180 A (1.5 mm <sup>2</sup> )			
3			
A1 / V-0			

Rated connection		Further connection	
0.5...2.5 / 1.5...2.5		0.5...2.5 / 1.5...2.5	
0.5...1.5 / 0.5...1.5			
0.4...0.6 Nm (M 2.5)			
0.4...0.6 Nm (M 2.5)			
7 / 0.6 x 3.5 mm		7 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
WPE 1.5/ZZ	100	<b>1016500000</b>

Type	current	Qty.	Order No.
Width			
WAP 2.5-10	1.5 mm	50	<b>1050000000</b>
Width			
WEW 35/2	8 mm	100	<b>1061200000</b>
SDS 0.6X3.5X100		1	<b>9008330000</b>

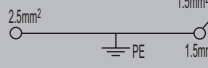
**DEK 5/5 / WS 12/5**  
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

**WPE 2.5/1.5/ZR**

**2.5 mm<sup>2</sup>**

**Supplementary connection, right (1.5 mm<sup>2</sup>)**



5.1 x 60 x 47	
<b>4</b>	
<b>0.05...4</b>	

IEC 60947-7-2 Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 22...12	AWG 26...12	2.5
800			
8			
300 A (2.5 mm <sup>2</sup> )			
3			
A3 / V-0			

Rated connection		Further connection	
0.5...4 / 1.5...4		0.5...2.5	
0.5...4 / 0.5...2.5			
0.4...0.6 Nm (M 2.5)			
0.4...0.6 Nm (M 2.5)			
10 / 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm	

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)

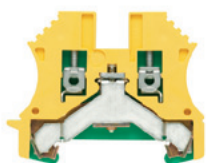
Type	Qty.	Order No.
WPE 2.5/1.5/ZR	100	<b>1016400000</b>

Type	current	Qty.	Order No.
Width			
WAP 2.5-10	1.5 mm	50	<b>1050000000</b>
Width			
WEW 35/2	8 mm	100	<b>1061200000</b>
SDS 0.6X3.5X100		1	<b>9008330000</b>

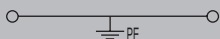
**DEK 5/5 / WS 12/5**  
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WPE 2.5

2.5 mm<sup>2</sup>



5.1 x 60 x 47  
4  
0.05...4



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 22...12	AWG 26...12	2.5
800			
8			
300 A (2.5 mm <sup>2</sup> )			
3			
A3 / V-0			



Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
0.4...0.8 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)

Type	Qty.	Order No.
WPE 2.5	100	101000000

Type	current	Qty.	Order No.
Width			
WAP 2.5-10	1.5 mm	50	105000000
WEW 35/2	8 mm	100	106120000
SDS 0.6X3.5X100		1	900833000

DEK 5/5 / WS 12/5  
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WPE 2.5N

2.5 mm<sup>2</sup>



5.1 x 54 x 37.5  
4  
0.05...4



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	2.5
500			
6			
300 A (2.5 mm <sup>2</sup> )			
3			
A3 / V-0			



Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)

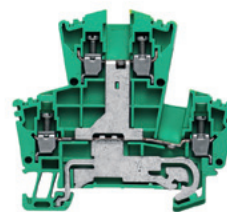
Type	Qty.	Order No.
WPE 2.5N	100	101620000

Type	current	Qty.	Order No.
Width			
WAP WDU2.5N/4N	1.5 mm	50	106000000
WEW 35/2	8 mm	100	106120000
SDS 0.6X3.5X100		1	900833000

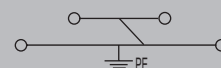
DEK 5/5 / WS 12/5  
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WDK 2.5 PE

2.5 mm<sup>2</sup>



5.1 x 69.5 x 63.5  
4  
0.05...4



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 22...12	AWG 26...12	2.5
400			
6			
300 A (2.5 mm <sup>2</sup> )			
3			
A3 / V-0			



Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 /	

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)

Type	Qty.	Order No.
WDK 2.5PE	100	103630000

Type	current	Qty.	Order No.
Width			
WAP WDK2.5	1.5 mm	20	105910000
WEW 35/2	8 mm	100	106120000
SDS 0.6X3.5X100		1	900833000

DEK 5/5 / WS 8/5  
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

**PE terminals**

Identically contoured design of 2.5 to 10 mm<sup>2</sup> with identical end plates and partitions. An unmatched combination of many advantages!  
The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. cond. cross-section	mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

**Technical data**

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	

**Clamped conductors (H05V/H07V)**

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Tightening torque range for fixing screw	
Stripping length / Blade size	mm/-

**Note**

**Ordering data**

Version	
	green/yellow Wemid
<b>Note</b>	

**Accessories**

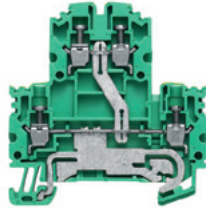
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard

Identification systems	(see assortment in catalogue 7)
	Marking tags
<b>Note</b>	

**WDK 2.5N PE**

**2.5 mm<sup>2</sup>**

**Compact design**



5.1 x 60.7 x 62.45	
<b>4</b>	
<b>0.05...4</b>	

IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	2.5
800			
8			
	300 A (2.5 mm <sup>2</sup> )		
	3		
	A3 / V-0		

Further connection	
<b>Rated connection</b>	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
8 / 0.6 x 3.5 mm	
2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)	

Type	Qty.	Order No.
WDK 2.5N PE	100	1041620000

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
WAP WDK2.5/4 N	1.5 mm	20	1084000000
WAP WDK2.5/4 N BL	1.5 mm	20	1084080000
WTW EN	3 mm	20	1058800000
Width			
WEW 35/2	8 mm	100	1061200000
SDS 0.6X3.5X100		1	9008330000

Type	current	Qty.	Order No.
DEK 5/5 / WS 8/5			
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).			

**WPE 4**

**4 mm<sup>2</sup>**



6.1 x 56 x 47.5	
<b>6</b>	
<b>0.13...6</b>	

IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 22...10	AWG 26...10	4
800			
8			
	480 A (4 mm <sup>2</sup> )		
	3		
	A4 / V-0		

Further connection	
<b>Rated connection</b>	
0.5...6 / 0.5...6	
0.5...6 / 0.5...4	
0.5...1 Nm (M 3)	
0.5...1.0 Nm (M 3)	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
WPE 4	100	1010100000

Type	current	Qty.	Order No.
Width			
WEW 35/2	8 mm	100	1061200000
SDS 0.6X3.5X100		1	9008330000

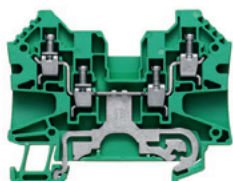
Type	current	Qty.	Order No.
DEK 5/6			
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).			



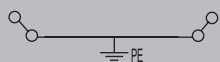
WPE 4/ZZ

4 mm<sup>2</sup>

Twin connection



6.1 x 70 x 53  
6  
0.05...6



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 30...10	AWG 30...10	4
800			
8			
480 A (4 mm <sup>2</sup> )			
3			
A4 / V-0			



Rated connection	Further connection
0.5...6 / 0.5...4	0.5
0.5...4 / 0.5...4	
0.5...0.8 Nm (M 3)	

10 / 0.6 x 3.5 mm      10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WPE 4/ZZ	50	1905130000

Type	current	Qty.	Order No.
Width			
WAP WDU/WTR4/ZZ	1.5 mm	50	1905150000
Width			
WEW 35/2	8 mm	100	1061200000
SDS 0.6X3.5X100		1	9008330000

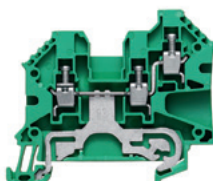
DEK 5/6

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

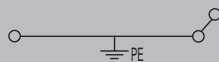
WPE 4/ZR

4 mm<sup>2</sup>

Supplementary connection, right



6.1 x 63.5 x 53.3  
6  
0.05...6



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 30...10	AWG 30...10	4
800			
8			
480 A (4 mm <sup>2</sup> )			
3			
A4 / V-0			



Rated connection	Further connection
0.5...6 / 0.5...4	0.5...6
0.5...2.5 / 0.5...4	
0.5...0.8 Nm (M 3)	

10 / 0.6 x 3.5 mm      10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WPE 4/ZR	50	1905120000

Type	current	Qty.	Order No.
Width			
WAP WDU/WTR4/ZR	1.5 mm	50	1905070000
Width			
WEW 35/2	8 mm	100	1061200000
SDS 0.6X3.5X100		1	9008330000

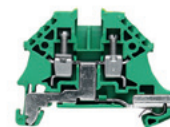
DEK 5/6

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

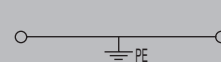
WPE 4N

4 mm<sup>2</sup>

Compact design



6.1 x 50 x 38.5  
6  
0.13...6



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4
500			
6			
480 A (4 mm <sup>2</sup> )			
3			
A3 / V-0			



Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...1 Nm (M 3)	

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WPE 4N	100	1042700000

Type	current	Qty.	Order No.
Width			
WAP WDU2.5N/4N	1.5 mm	50	1060000000
Width			
WEW 35/2	8 mm	100	1061200000
SDS 0.6X3.5X100		1	9008330000

DEK 5/6 / WS 12/6

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

## PE terminals

Identically contoured design of 2.5 to 10 mm<sup>2</sup> with identical end plates and partitions. An unmatched combination of many advantages!

The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. cond. cross-section	mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

## Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	

## Clamped conductors (H05V/H07V)


Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Tightening torque range for fixing screw	
Stripping length / Blade size	mm/-

## Note

## Ordering data

Version
green/yellow Wemid
Note

## Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard

Identification systems (see assortment in catalogue 7)

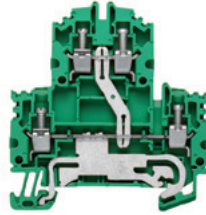
Marking tags

## Note

## WDK 4N PE

4 mm<sup>2</sup>

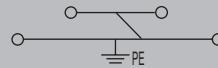
## Compact design



6.1 x 60.7 x 64.15

6

0.13...6



IEC 60947-7-2

Ex e II



II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4
800			
8			
480 A (4 mm <sup>2</sup> )			
3			
A3 / V-0			

Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...1 Nm (M 3)	
8 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
WDK 4N PE	100	1041920000

Type	current	Qty.	Order No.
Width			
WAP WDK2.5/4 N	1.5 mm	20	1084000000
WEW 35/2			
	8 mm	100	1061200000
SDS 0.6X3.5X100			
		1	9008330000

DEK 5/6 / WS 8/6

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

Identically contoured design of 2.5 to 10 mm<sup>2</sup> with identical end plates and partitions. An unmatched combination of many advantages!  
The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. cond. cross-section	mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

**Technical data**

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	

Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Tightening torque range for fixing screw	
Stripping length / Blade size	mm/-

**Note**

**Ordering data**

Version	
	green/yellow Wemid

**Note**

**Accessories**

Accessories	
<b>PEN bridge</b>	
<b>End bracket</b>	Dark beige Wemid
<b>Screwdriver</b>	Standard

**Identification systems** (see assortment in catalogue 7)  
Marking tags

**Note**

**WPE 6**

**6 mm<sup>2</sup>**



7.9 x 56 x 47	
<b>10</b>	
<b>0.08...10</b>	

IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
6	AWG 20...8	AWG 20...8	66
800			
8			
720 A (6 mm <sup>2</sup> )			
3			
A5 / V-0			

Rated connection	Further connection
0.5...10 / 1.5...10	
0.5...10 / 0.5...6	
0.8...1.3 Nm (M 3)	
0.5...1.0 Nm (M 3)	
12 / 4.0 x 0.8 mm	

Conductor connection H07V...10 and AWG 8 tighten with 1.4-1.6 Nm.

Type	Qty.	Order No.
WPE 6	50	<b>1010200000</b>

Type	Width	Qty.	Order No.
WEW 35/2	8 mm	100	<b>1061200000</b>
SDS 0.8X4.0X100		1	<b>9008340000</b>

DEK 5/8 / WS 12/6,5  
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

**WPE 10**

**10 mm<sup>2</sup>**



9.9 x 60 x 47	
<b>16</b>	
<b>1.31...16</b>	

IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 16...6	1010
1000			
8			
1200 A (10 mm <sup>2</sup> )			
3			
B6 / V-0			

Rated connection	Further connection
1.5...16 / 1.5...16	
1.5...16 / 1.5...16	
1.2...2.4 Nm (M 4)	
0.5...1.0 Nm (M 3)	
12 / 1.0 x 5.5 mm	

AWG 6/7 and H07V-R16 tighten with 2.4 Nm.

Type	Qty.	Order No.
WPE 10	50	<b>1010300000</b>

Type	Width	Qty.	Order No.
WQB-PEN 10	14.8 mm	10	<b>1060300000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>
SDS 1.0X5.5X150		1	<b>9008350000</b>

DEK 5/5 / WS 12/6,5  
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

## PE terminals

Identically contoured design of 2.5 to 10 mm<sup>2</sup> with identical end plates and partitions. An unmatched combination of many advantages!  
The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. cond. cross-section	mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

## Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	

## Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Tightening torque range for fixing screw	
Stripping length / Blade size	mm/-

## Note

## Ordering data

Version	Note
green/yellow Wemid	

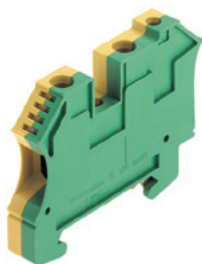
## Accessories

Accessories	Note
PEN bridge	
End bracket	Dark beige Wemid
Screwdriver	Standard

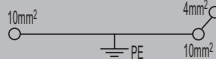
Identification systems	(see assortment in catalogue 7)
	Marking tags

## Note

## WPE 10/ZR

10 mm<sup>2</sup>Supplementary connection, right (4 mm<sup>2</sup>)

9.9 x 66 x 49.5	
<b>16</b>	
<b>1.31...16</b>	



IEC 60947-7-2

IEC	UL	CSA
10	AWG 16...6	AWG 14...6
1000		
8		
	1200 A (10 mm <sup>2</sup> )	
	3	
	B6, A4 / V-0	



Rated connection	Further connection
1.5...16 / 1.5...16	0.5...6 / 1.5...4
1.5...16 / 1.5...16	0.5...4 / 1.5...16
1.2...2.4 Nm (M 4)	
0.5...1.0 Nm (M 3)	
12 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

Max. conductor cross-sections refer to 10 mm<sup>2</sup> and 16 mm<sup>2</sup> connections. AWG 6/7 and H07V-R16 tighten with 2.4 Nm.

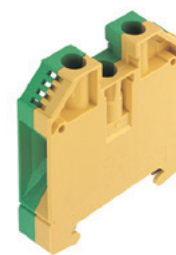
Type	Qty.	Order No.
WPE 10/ZR	50	<b>1042500000</b>

Type	Width	Qty.	Order No.
WQB-PEN 10	14.8 mm	10	<b>1060300000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>
SDS 0.6X3.5X100		1	<b>9008330000</b>

DEK 5/5 / WS 12/6,5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

## WPE 16

16 mm<sup>2</sup>

11.9 x 56 x 63	
<b>25</b>	
<b>1.5...25</b>	



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
16	AWG 14...4	AWG 14...6	1616
1000			
8			
	1920 A (16 mm <sup>2</sup> )		
	3		
	B7 / V-0		



Rated connection	Further connection
1.5...16 / 1.5...25	
1.5...25 / 1.5...16	
2...3.6 Nm (M 5)	
1.2...2.4 Nm (M 4)	
16 / 1.0 x 5.5 mm	

For 25 mm<sup>2</sup>, the TS 35 x 15 (steel, 1.5 mm thick) should be used. Conductor connection H07V...16 and AWG 6 with tightening torque of 2.0-2.4 Nm.

Type	Qty.	Order No.
WPE 16	50	<b>1010400000</b>

Type	Width	Qty.	Order No.
WQB-PEN 16	17.6 mm	10	<b>1060200000</b>
WEW 35/1	12 mm	50	<b>1059000000</b>
SDS 1.0X5.5X150		1	<b>9008350000</b>

DEK 5/5 / WS 12/6,5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

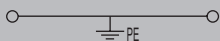
**WPE 16N**

**16 mm<sup>2</sup>**

Compact design



12 x 56 x 47  
**25**  
1.5...25



IEC 60947-7-2

IEC	UL	CSA
16	AWG 14...6	AWG 14...6
400		
6		
1920 A (16 mm <sup>2</sup> )		
3		
B7 / V-0		



Rated connection	Further connection
1.5...16 / 1.5...25	
1.5...16 / 1.5...16	
1.2...2.4 Nm (M 4)	
0.5...1.0 Nm (M 3)	
12 / 1.0 x 5.5 mm	

25 mm<sup>2</sup> stranded requires a tightening torque of 2.2 Nm.

Type	Qty.	Order No.
WPE 16N	50	1019100000

Type	Width	Qty.	Order No.
WQV 16N-PEN BL	9 mm	10	1071360000
WEW 35/2	8 mm	100	1061200000
SDS 1.0X5.5X150		1	9008350000

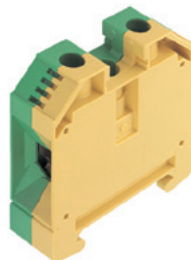
DEK 5/5 / WS 12/6,5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

**WPE 35**

**35 mm<sup>2</sup>**

Compact design



16 x 56 x 63  
**35**  
2.5...35



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
35	AWG 12...2	AWG 12...2	3535
800			
8			
4200 A (35 mm <sup>2</sup> )			
3			
B8 / V-0			



Rated connection	Further connection
2.5...16 / 2.5...35	
2.5...35 / 2.5...35	
5 Nm (M 6)	
1.2...2.4 Nm (M 4)	
18 / 6.5 x 1.2 mm	

Type	Qty.	Order No.
WPE 35	25	1010500000

Type	Width	Qty.	Order No.
WQB-PEN 35	24.6 mm	10	1060100000
WEW 35/1	12 mm	50	1059000000
SDS 1.2X6.5X150		1	9009010000

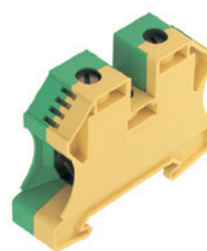
DEK 5/5 / WS 12/6,5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

**WPE 35N**

**35 mm<sup>2</sup>**

Compact design



16 x 66 x 51  
**50**  
2.5...50



IEC 60947-7-2

IEC	UL	CSA
35		
400		
6		
4200 A (35 mm <sup>2</sup> )		
3		
B8 / V-0		

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
1.8...2.4 Nm (M 6)	
1.2...2.4 Nm (M 4)	
18 / 6.5 x 1.2 mm	

Type	Qty.	Order No.
WPE 35N	20	1717740000

Type	Width	Qty.	Order No.
WEW 35/2	8 mm	100	1061200000
SDS 1.2X6.5X150		1	9009010000

DEK 5/5 / WS 12/6,5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

**PE terminals**

Identically contoured design of 2.5 to 10 mm<sup>2</sup> with identical end plates and partitions. An unmatched combination of many advantages!  
The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. cond. cross-section	mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

**Technical data**

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Tightening torque range for fixing screw	
Stripping length / Blade size	mm/-

**Note**

**Ordering data**

Version
green/yellow Wemid

**Note**

**Accessories**

<b>PEN bridge</b>	
<b>End bracket</b>	Dark beige Wemid
<b>Screwdriver</b>	Standard

**Identification systems** (see assortment in catalogue 7)  
Marking tags

**Note**

**WPE 50N**

**50 mm<sup>2</sup>**

**Compact design**



18.5 x 71 x 70
<b>70</b>
<b>5.26...70</b>

IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
50	AWG 10...0	AWG 14...0	5050
1000			
8			
6000 A (50 mm <sup>2</sup> )			
3			
B10 / V-0			

Rated connection		Further connection	
10...16 / 10...70			
10...50 / 10...50			
4...6 Nm (M 6)			
3.0...4.0 Nm (M 5)			
24 / S4 (DIN 6911)			

For 50 - 120 mm<sup>2</sup>, the TS 35 x 15 (copper, 2.3 mm thick) rail should be used.

Type	Qty.	Order No.
WPE 50N	10	<b>1846040000</b>

Type	Width	Qty.	Order No.
WQV PEN 50N	9.5 mm	5	<b>9201610000</b>
WEW 35/1	12 mm	50	<b>1059000000</b>

DEK 5/5 / WS 12/6,5  
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

**WPE 70N/35**

**70 mm<sup>2</sup>**

**Compact design**



20.5 x 75 x 86
<b>95</b>
<b>10...95</b>

IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
70	AWG 6...000	AWG 6...000	7070
1000			
8			
8400 A (70 mm <sup>2</sup> )			
3			
B11 / V-0			

Rated connection		Further connection	
10...16 / 10...95			
10...70 / 10...70			
6...12 Nm (M 8)			
2.0...4.0 Nm (M 5)			
22 / S6 (DIN 6911)			

For 50 - 120 mm<sup>2</sup>, the TS 35 x 15 (copper, 2.3 mm thick) rail should be used.

Type	Qty.	Order No.
WPE 70N/35	10	<b>9512200000</b>

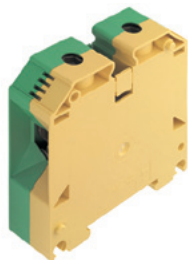
Type	Width	Qty.	Order No.
WQV 70N-PEN	9.5 mm	5	<b>9525840000</b>
WEW 35/1	12 mm	50	<b>1059000000</b>

DEK 5/5 / WS 12/6,5  
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WPE 95N/120N

95 mm<sup>2</sup>

Compact design



27 x 91 x 91	
<b>150</b>	
<b>16...150</b>	

IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
95	AWG 4...000	AWG 4...0000	9595
1000			
8			
11400 A (95 mm <sup>2</sup> )			
3			
B13 / V-0			

Rated connection	Further connection
16...16 / 16...150	
16...120 / 16...95	
12...20 Nm M 10	
2.0...4.0 Nm (M 5)	
27 / S6 (DIN 6911)	

For 50 - 120 mm<sup>2</sup>, the TS 35 x 15 (copper, 2.3 mm thick) rail should be used.

Type	Qty.	Order No.
WPE 95N/120N	5	<b>1846030000</b>

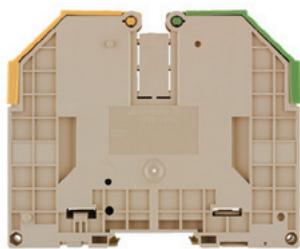
UL, CSA and ATEX certifications are pending

Type	Width	Qty.	Order No.
WQV PEN 95N/120N	9.5 mm	5	<b>9201630000</b>
WEW 35/1	12 mm	50	<b>1059000000</b>

WPE 70/95

95 mm<sup>2</sup>

Conductor can be inserted from above / leaf spring



27 x 132 x 115.5	
<b>120</b>	
<b>13.3...120</b>	

IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
95	AWG 6...00	AWG 6...00	9595
1000			
8			
11400 A (95 mm <sup>2</sup> )			
3			
B12 / V-0			

Rated connection	Further connection
16...16 / 16...120	
16...95 / 16...95	
6...12 Nm (M 8)	
3.0...6.0 Nm (M 6)	
30 / S6 (DIN 6911)	

For 50 - 120 mm<sup>2</sup>, the TS 35 x 15 (copper, 2.3 mm thick) rail should be used.

Type	Qty.	Order No.
WPE 70/95	10	<b>1037300000</b>

Type	Width	Qty.	Order No.
WQV 70/95-PEN	10 mm	5	<b>1072300000</b>
WEW 35/1	12 mm	50	<b>1059000000</b>

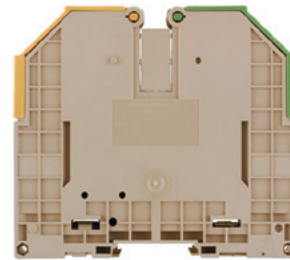
Type	Qty.	Order No.
DEK 5/5 / WS 12/6,5		

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

WPE 120/150

120 mm<sup>2</sup>

Conductor can be inserted from above / leaf spring



32 x 132 x 125.5	
<b>150</b>	
<b>33.62...150</b>	

IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
120	AWG 2...250	AWG 2...250	120120
1000			
8			
14400 A (120 mm <sup>2</sup> )			
3			
B13 / V-0			

Rated connection	Further connection
16...150 / 35...150	
35...150 / 35...95	
10...20 Nm M 10	
3.0...6.0 Nm (M 6)	
35 / S6 (DIN 6911)	

For 50 - 120 mm<sup>2</sup>, the TS 35 x 15 (copper, 2.3 mm thick) rail should be used.

Type	Qty.	Order No.
WPE 120/150	10	<b>1019700000</b>

Type	Width	Qty.	Order No.
WQV 120-PEN	10 mm	5	<b>1072400000</b>
WEW 35/1	12 mm	50	<b>1059000000</b>

Type	Qty.	Order No.
DEK 5/5 / WS 12/6,5		

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

## Fuse terminals

WSI 4/2

4 mm<sup>2</sup>

WSI 4/2

Overload and short-circuit protection

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

9.1 x 81.6 x 54  
**6.3 / 4**  
**0.5...4**



## Technical data

<b>Rated data</b>	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	

## Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-

## 2 conductors with same cross-section (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>

## Note

IEC 60947-7-3

IEC	UL	CSA
500		
6.3		
4	AWG 22...10	AWG 22...10
6 V /		
A3 / V-0		



## Rated connection

0.5...4 / 0.5...4
0.5...4 / 0.5...4
0.5...0.8 Nm (M 3)
10 / 0.6 x 3.5 mm

0.5...1.5

0.5...1.5 / 0.5...1.5

Width/length/height with TS 32 = 9.1 x 81.6 x 58.5 mm

## Ordering data

<b>Version</b>	
500 V AC/DC, w/o LED	
10-36 V AC/DC, with LED	
30-70 V AC/DC, with LED	
60-150 V AC/DC, with LED	
140-250 V AC/DC, with LED	

## Note

Type	Qty.	Order No.
WSI 4/2	25	1880430000
WSI 4/2/LD 10-36V AC/DC	25	1880410000
WSI 4/2/LD 30-70V AC/DC	25	1880440000
WSI 4/2/LD 60-150V AC/DC	25	1880420000
WSI 4/2/LD 140-250V AC/DC	25	1880390000

## Accessories

<b>Screwable cross-connection</b>	
	2-pole
	3-pole
	4-pole
	10-pole

## End plate / Partition plate

Dark beige Wemid  
 Dark beige Wemid

## Screwdriver

With "swifty set" cutting device  
 Standard

## End bracket

Dark beige Wemid

## G-fuse cartridge, 5 x 20 mm (IEC 60127-2)

0.25 A fast  
 0.50 A fast  
 1.00 A fast  
 2.00 A fast

Type	current	Qty.	Order No.

Width			
WAP WSI4/2	2.5 mm	50	1880450000

SWIFTY SET	18 mm	1	9006060000
SDS 0.6X3.5X100		1	9008330000

**Identification systems** (see assortment in catalogue 7)

Marking tags

## Note

DEK 5/5 / WS 12/6

Dummy fuse cartridge, Order no. 1582770000

Type	Order No.
WSI 4/2	1880430000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T <sub>A</sub> max.	Nominal values	T <sub>A</sub> max.	Nominal values
Individual	55 °C	4.0 W / 10 A	35 °C	2.5 W / 2.5 A
In combination	68 °C	2.5 W / 2.5 A	41 °C	1.6 W / 1.0 A



WSI 4

4 mm<sup>2</sup>

WSI 4

Overload and short-circuit protection



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

9.1 x 50.7 x 46  
**6.3 / 6**  
**0.5...6**

IEC 60947-7-3

IEC	UL	CSA
500		
6.3		
4	AWG 22...12	AWG 22...12
A3 / V-0		



Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...0.8 Nm (M 3)
8 / 0.6 x 3.5 mm
...4
0.5...1.5 / 0.5...1.5

Type	Order No.
WSI 4	1886580000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T <sub>A</sub> max.	Nominal values	T <sub>A</sub> max.	Nominal values
Individual	63 °C	4.0 W / 6.3 A	34 °C	1.6 W / 6.3 A
In combination	47 °C	2.5 W / 6.3 A	23 °C	1.6 W / 6.3 A

Technical data


Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Note	

Ordering data

Version	
500 V AC/DC, w/o LED	
10-36 V AC/DC, with LED	
30-70 V AC/DC, with LED	
60-150 V AC/DC, with LED	
140-250 V AC/DC, with LED	
Note	

Type	Qty.	Order No.
WSI 4	50	1886580000
WSI 4/LD 10-36V AC/DC	50	1886590000
WSI 4/LD 30-70V AC/DC	50	1886560000
WSI 4/LD 60-150V AC/DC	50	1886570000
WSI 4/LD 140-250V AC/DC	50	1886550000

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Dark beige Wemid
	Dark beige Wemid
Screwdriver	
	With "swifty set" cutting device
	Standard
End bracket	
	Dark beige Wemid
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast

Type	current	Qty.	Order No.
<b>Width</b>			
SWIFTY SET	18 mm	1	9006060000
SDS 0.6X3.5X100		1	9008330000
<b>Width</b>			
G 20/0.25A/F		10	0430500000
G 20/0.50A/F		10	0430600000
G 20/1.00A/F		10	0430700000
G 20/2.00A/F		10	0430900000

Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	

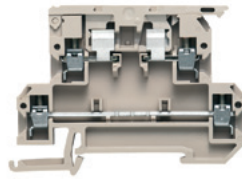
DEK 5/5 / WS 12/6
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## Fuse terminals

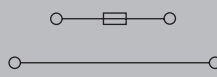
## KDKS 1/35 DB

4 mm<sup>2</sup>

Metric fuses 5 x 20 mm



8 x 73.5 x 54.6  
**6.3 / 4**  
**0.22...4**



IEC 60947-7-3

IEC	UL	CSA
500	300 (C)	300 (D)
6.3	10 (C)	10 (D)
4	AWG 22...12	
6 kV / 3		
A3 / V-0		



Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...4
0.5...0.8 Nm (M 3)
8 / 0.6 x 3.5 mm
0.5...1.5

Note: max. conductor size = 2.5 mm<sup>2</sup> when using the cross-connector.

## KDKS 1/35 DB

Overload and short-circuit protection

Type	Order No.
KDKS 1/35 DB	<b>9532440000</b>

Arrangement	Applications			
	Only short-circuit protection		Overload	
	T <sub>A</sub> max.	Nominal values	T <sub>A</sub> max.	Nominal values
Individual	23 °C*	4.0 W / 10 A*	41 °C	1.6 W / 6.3 A
In combination	50 °C*	1.6 W / 6.3 A	23 °C	1.6 W / 6.3 A

\*) Values not available → The values specified were not measured but instead read from the derating curves and transferred to the "only short-circuit protection" operating mode.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

## Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-

2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>

Note

## Ordering data

Version	
500 V AC/DC, w/o LED	
10-36 V AC/DC, with LED	
30-70 V AC/DC, with LED	
60-150 V AC/DC, with LED	
140-250 V AC/DC, with LED	

Note

Type	Qty.	Order No.
KDKS 1/35 DB	50	<b>9532440000</b>

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

## Accessories

Screwable cross-connection	
2-pole	
3-pole	
4-pole	
10-pole	

End plate / Partition plate	
Dark beige Wemid	
Dark beige Wemid	

Screwdriver	
With "swifty set" cutting device	
Standard	

End bracket	
Dark beige Wemid	

G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
0.25 A fast	
0.50 A fast	
1.00 A fast	
2.00 A fast	

Type	current	Qty.	Order No.

Width			
AP KDKS1 DB	1.5 mm	20	<b>9532470000</b>

G 20/0.25A/F	10	<b>0430500000</b>
G 20/0.50A/F	10	<b>0430600000</b>
G 20/1.00A/F	10	<b>0430700000</b>
G 20/2.00A/F	10	<b>0430900000</b>

Identification systems	(see assortment in catalogue 7)
Marking tags	

Note

DEK 5/8
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**WSI 6**

**6 mm<sup>2</sup>**

Metric fuses

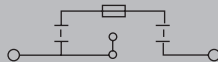
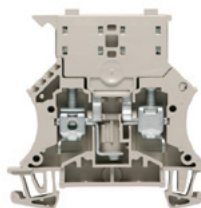
**WSI 6**

Overload and short-circuit protection

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

7.9 x 60 x 62  
**6.3 / 10**  
**0.5...10**



**Technical data**

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
<b>Note</b>	

IEC 60947-7-3

IEC	UL	CSA
500	600 (C)	600 (C)
6.3	9.5 (C)	10 (C)
6	AWG 20...8	AWG 20...8
6 kV / 3		
A5 / V-0		

Rated connection	
0.5...10 / 1.5...10	
0.5...10 / 0.5...6	
0.8...1.6 Nm (M 3.5)	
12 / 4.0 x 0.8 mm	
0.5...2.5	
0.5...2.5 / 0.5...2.5	

**Ordering data**

Version	
	500 V AC/DC, w/o LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED
<b>Note</b>	

Type	Qty.	Order No.
WSI 6	50	1011000000
<b>Note</b>		
Max. power loss (1.6 W) at the cartridge fuse limits the rated current.		

**Accessories**

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Dark beige Wemid
	Dark beige Wemid
Screwdriver	
	With "swifty set" cutting device
	Standard
End bracket	
	Dark beige Wemid
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast

Type	current	Qty.	Order No.
QL 2 SAK6N	32 A	50	0194300000
QL 3 SAK6N	57 A	50	0194400000
QL 4 SAK6N	57 A	50	0194500000
QL 10 SAK6N	32 A	20	0338300000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
<b>Note</b>			
SDS 0.8X4.0X100		1	9008340000
<b>Note</b>			
WEW 35/2	8 mm	100	1061200000
G 20/0.25A/F		10	0430500000
G 20/0.50A/F		10	0430600000
G 20/1.00A/F		10	0430700000
G 20/2.00A/F		10	0430900000

Identification systems	
	(see assortment in catalogue 7)
	Marking tags
<b>Note</b>	

<b>Note</b>	
DEK 5/8 / WS 12/6,5	
Screw M 3x5 Order no. 1052100000 for QL 2 - QL 10.	

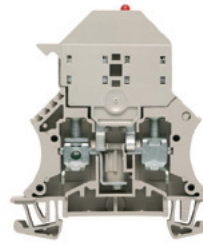
Type	Order No.			
WSI 6	1011000000			
<b>Note</b>				
Applications				
Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T <sub>A</sub> max.	Nominal values	T <sub>A</sub> max.	Nominal values
Individual			31 °C	1.6 W / 3.0 A
In combination			27 °C	1.6 W / 3.0 A
<b>Note</b>				

**Fuse terminals**

**WSI 6 LD**

**6 mm<sup>2</sup>**

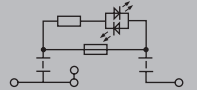
Metric fuses / bipolar LED



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

7.9 x 60 x 72  
**6.3 / 10**  
**0.5...10**



**Technical data**

<b>Rated data</b>	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	

<b>Clamped conductors (H05V/H07V)</b>	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
<b>2 conductors with same cross-section (H05V/H07V)</b>	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>

**Note**

IEC 60947-7-3

IEC	UL	CSA
6.3		
6	AWG 20...8	AWG 20...8
6 kV / 3		
A5 / V-0		

<b>Rated connection</b>	
0.5...10 / 1.5...10	
0.5...10 / 0.5...6	
0.8...1.6 Nm (M 3.5)	
12 / 4.0 x 0.8 mm	
<b>Rated connection</b>	
0.5...2.5	
0.5...2.5 / 0.5...2.5	

**Ordering data**

<b>Version</b>	
	500 V AC/DC, w/o LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED

**Note**

Type	Qty.	Order No.
WSI 6/LD 10-36V DC/AC	50	1011300000
WSI 6/LD 30-70V DC/AC	50	1012200000
WSI 6/LD 60-150V DC/AC	50	1012300000
WSI 6/LD 250AC	50	1012400000

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

**Accessories**

<b>Screwable cross-connection</b>	
	2-pole
	3-pole
	4-pole
	10-pole

<b>End plate / Partition plate</b>	
	Dark beige Wemid
	Dark beige Wemid

<b>Screwdriver</b>	
	With "swifty set" cutting device
	Standard

<b>End bracket</b>	
	Dark beige Wemid

<b>G-fuse cartridge, 5 x 20 mm (IEC 60127-2)</b>	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast

Type	current	Qty.	Order No.
QL 2 SAK6N	32 A	50	0194300000
QL 3 SAK6N	57 A	50	0194400000
QL 4 SAK6N	57 A	50	0194500000
QL 10 SAK6N	32 A	20	0338300000

Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000

SDS 0.8X4.0X100	1	9008340000
-----------------	---	------------

WEW 35/2	8 mm	100	1061200000
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G 20/0.25A/F	10	0430500000
G 20/0.50A/F	10	0430600000
G 20/1.00A/F	10	0430700000
G 20/2.00A/F	10	0430900000

<b>Identification systems</b>	(see assortment in catalogue 7)
	Marking tags

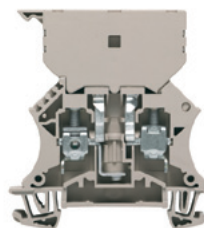
**Note**

DEK 5/8 / WS 12/6,5
Screw M 3x5 Order no. 1052100000 for QL 2 - QL 10.

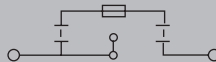
WSI 6/2

6 mm<sup>2</sup>

Imperial fuses



11.9 x 60 x 67  
6.3 / 10  
0.5...10



IEC 60947-7-3

IEC	UL	CSA
500	600 (C)	150 (C)
6.3	16 (C)	16 (C)
6	AWG 22...8	AWG 20...6
6 kV / 3		
A5 / V-0		



Rated connection
0.5...10 / 1.5...10
0.5...10 / 0.5...6
0.8...1.6 Nm (M 3.5)
12 / 4.0 x 0.8 mm
0.5...2.5
0.5...2.5 / 0.5...2.5

Fuse inserts or contact sleeves should be attached in the middle.

WSI 6/2

Overload and short-circuit protection

Type	Order No.
WSI 6/2 GZ/DEF63	1014000000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T <sub>A</sub> max.	Nominal values	T <sub>A</sub> max.	Nominal values
Individual	52 °C	4.0 W / 10.0 A	42 °C	2.5 W / 2.5 A
In combination	62 °C	2.5 W / 2.5 A	30 °C	2.5 W / 2.5 A

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

Technical data

<b>Rated data</b>	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
<b>2 conductors with same cross-section (H05V/H07V)</b>	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>

**Note**

Ordering data

Version
500 V AC/DC, w/o LED
10-36 V AC/DC, with LED
30-70 V AC/DC, with LED
60-150 V AC/DC, with LED
140-250 V AC/DC, with LED

**Note**

Type	Qty.	Order No.
WSI 6/2 GZ/DEF63	25	1014000000

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Accessories

<b>Screwable cross-connection</b>	
	2-pole
	3-pole
	4-pole
	10-pole
	Lock washer
	Mounting screw
<b>End plate / Partition plate</b>	
	Dark beige Wemid
	Dark beige Wemid
<b>G25 with indicator / imperial (inch) fuse</b>	
	0.50 A medium slow / 2 A
	1.00 A medium slow / 3 A
	2.00 A fast / 5 A
	4.00 A fast / 10 A



Type	current	Qty.	Order No.
QL 2 SAK16	76 A	50	0470700000
QL 3 SAK16	76 A	50	0470800000
QL 4 SAK16	76 A	50	0470900000
QL 10 SAK16	76 A	20	0471000000
SS M3 D 128-A 3		50	0164400000
KISC M3X5		100	1052100000
<b>Width</b>			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 16*35 WTW 2.5-10	1.5 mm	20	1050100000
GZ 2.0A		10	0294500000
GZ 3.0A		10	0295700000
GZ 5.0A		10	0294600000
GZ 10.0A		10	0293900000

**Identification systems** (see assortment in catalogue 7)  
Marking tags

**Note**

DEK 5/8 / WS 12/6,5  
Refer to the W-Series accessories section for cross-connection information.

## Fuse terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

## Technical data

<b>Rated data</b>	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
<b>2 conductors with same cross-section (H05V/H07V)</b>	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
<b>Note</b>	

## Ordering data

<b>Version</b>	
	500 V AC/DC, w/o LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED
<b>Note</b>	

## Accessories

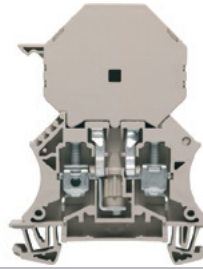
<b>Screwable cross-connection</b>	
	2-pole
	3-pole
	4-pole
	10-pole
	Lock washer
	Mounting screw
<b>End plate / Partition plate</b>	
	Dark beige Wemid
	Dark beige Wemid
<b>G25 with indicator / imperial (inch) fuse</b>	
	0.50 A medium slow / 2 A
	1.00 A medium slow / 3 A
	2.00 A fast / 5 A
	4.00 A fast / 10 A

<b>Identification systems</b>	(see assortment in catalogue 7)
	Marking tags
<b>Note</b>	

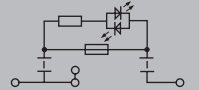
## WSI 6/2 m. LED

6 mm<sup>2</sup>

## Imperial fuses / bipolar LED



11.9 x 60 x 79.5  
**6.3 / 10**  
**0.5...10**



IEC 60947-7-3

<b>IEC</b>	<b>UL</b>	<b>CSA</b>
6.3		
6	AWG 22...8	AWG 20...6
6 kV / 3		
A5 / V-0		
<b>Rated connection</b>		
0.5...10 / 1.5...10		
0.5...10 / 0.5...6		
0.8...1.6 Nm (M 3.5)		
12 / 4.0 x 0.8 mm		
0.5...2.5		
0.5...2.5 / 0.5...2.5		
Fuse inserts or contact sleeves should be attached in the middle.		

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WSI 6/2/LD 10-36V DC/AC	25	1014100000
WSI 6/2/LD 30-70V DC/AC	25	1014200000
WSI 6/2/LD 60-150VDC/AC	25	1014300000
WSI 6/2/LD 250AC	25	1014400000
Max. power loss (1.6 W) at the cartridge fuse limits the rated current.		

<b>Type</b>	<b>current</b>	<b>Qty.</b>	<b>Order No.</b>
QL 2 SAK16	76 A	50	0470700000
QL 3 SAK16	76 A	50	0470800000
QL 4 SAK16	76 A	50	0470900000
QL 10 SAK16	76 A	20	0471000000
SS M3 D 128-A 3		50	0164400000
KISC M3X5		100	1052100000
<b>Width</b>			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 16*35 WTW 2.5-10	1.5 mm	20	1050100000
GZ 2.0A		10	0294500000
GZ 3.0A		10	0295700000
GZ 5.0A		10	0294600000
GZ 10.0A		10	0293900000

DEK 5/8 / WS 12/6,5
Refer to the W-Series accessories section for cross-connection information.



## WSI 6 LD LLC fused terminal blocks with minimised leakage current

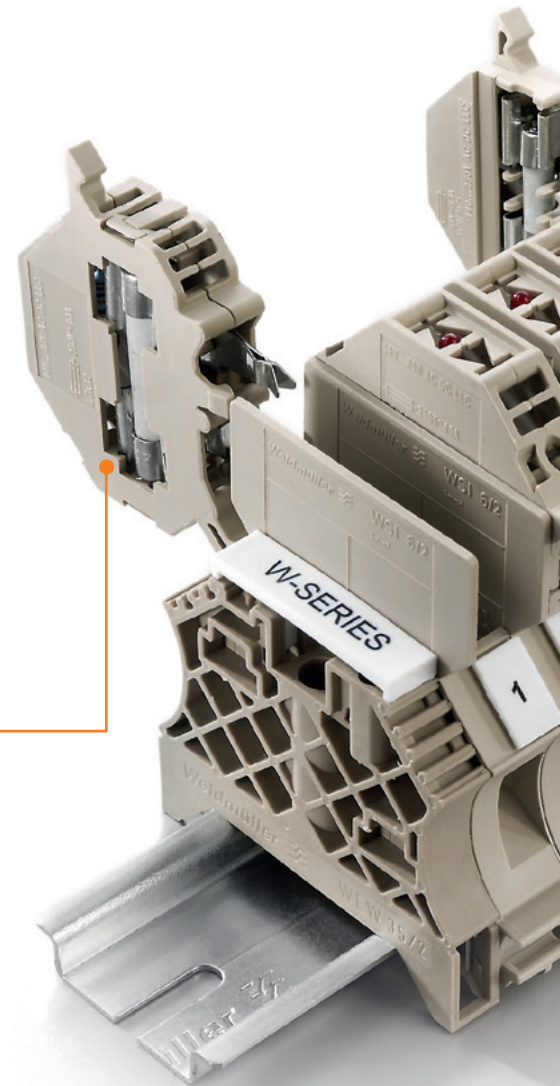
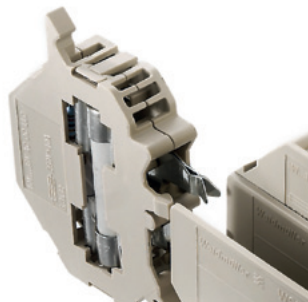
### Clearly visible status LED with extremely low leakage current for error indication with an optimal energy balance

Weidmüller has extended its line of screw connect fuse terminals to include the WSI 6 LD LLC and WSI 6/2 LD LLC variants. The terminals have bright status displays which are wired in parallel with the fuse so that, in the event of an outage, the fuse supplies a low leakage current to the LEDs. Since this is undesired current, it is maintained at the lowest level possible. Weidmüller's BFI (Blown Fuse Indicator) circuitry is designed for a reduced leakage current of less than 500  $\mu\text{A}$ . Despite the reduced leakage current, the status displays are still very bright and thus always easy to see.

The leakage current of the bipolar LED circuitry complies with the CSA standard C22.2 No. 39 for fuse holder units and the UL standard 512 for fuse holders.

#### Fuse is convenient to replace

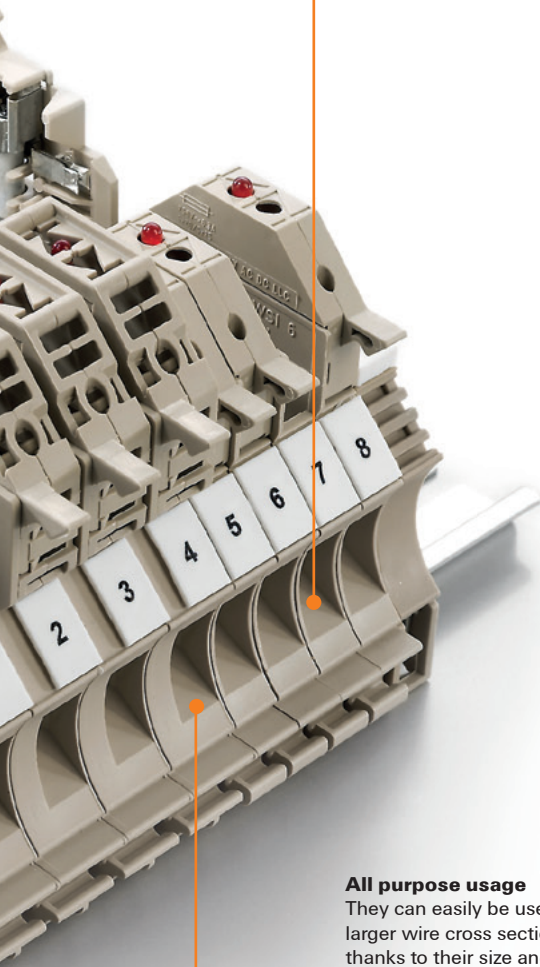
The fuse holder is easy to access and can pivot, so you can quickly and safely replace a blown fuse.





**Good cable visibility**

Because of the broad width, visibility remains clear and accessible even with many wires connected.



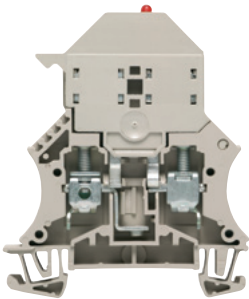
**All purpose usage**

They can easily be used in applications with larger wire cross sections of up to 10 mm<sup>2</sup>, thanks to their size and the use of larger connection elements.



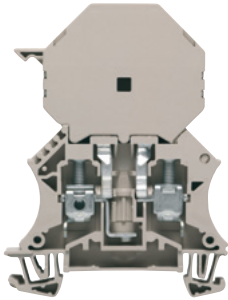
**WSI 6 LD LLC**

The WSI-6-LD-LLC variants, with their thin 7.9 mm width, are perfect for use with the 5 x 20 mm fuses.



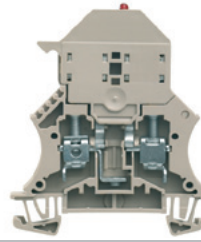
**WSI 6/2 LD LLC**

The WSI-6/2-LD-LLC variants, with their width of 11.9 mm, are the best solution for use with 1 1/4" x 1/4" fuses.



## Fuse terminals

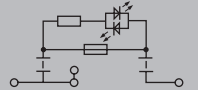
## WSI 6/LD LLC

6 mm<sup>2</sup>

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

7.9 x 60 x 72  
**6.3 / 10**  
**0.5...10**



## Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	

## Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-

## 2 conductors with same cross-section (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>

## Note

IEC 60947-7-3

IEC	UL	CSA
500	600 (C)	250 (C)
6.3	10 (C)	6.3 (C)
6	AWG 22...8	AWG 20...8
/ 3		
A5 / V-0		



## Rated connection

0.5...10 / 1.5...10
0.5...10 / 0.5...6
0.8...1.6 Nm (M 3.5)
/ 4.0 x 0.8 mm

0.5...2.5 / 0.5...2.5

## Ordering data

Version	
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED

## Note

Type	Qty.	Order No.
WSI 6/LD 10-36V LLC	50	1119840000
WSI 6/LD 30-70V LLC	50	1119830000
WSI 6/LD 60-150V LLC	50	1119850000
WSI 6/LD 250AC LLC	50	1119870000

## Accessories

## Screwable cross-connection



2-pole  
 3-pole  
 4-pole  
 10-pole

## End plate / Partition plate

Dark beige Wemid  
 Dark beige Wemid

## End bracket

Dark beige Wemid

## G-fuse cartridge, 5 x 20 mm (IEC 60127-2)

0.25 A fast  
 0.50 A fast  
 1.00 A fast  
 2.00 A fast

## Screwdriver

Standard

Type	current	Qty.	Order No.
QL 2 SAK6N	32 A	50	0194300000
QL 3 SAK6N	57 A	50	0194400000
QL 4 SAK6N	57 A	50	0194500000
QL 10 SAK6N	32 A	20	0338300000

## Width

WAP 2.5-10	1.5 mm	50	1050000000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WEW 35/2	8 mm	100	1061200000
G 20/0.25A/F		10	0430500000
G 20/0.50A/F		10	0430600000
G 20/1.00A/F		10	0430700000
G 20/2.00A/F		10	0430900000
SDS 0.8X4.0X100		1	9008340000

Identification systems (see assortment in catalogue 7)

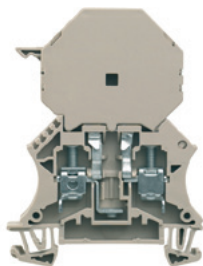
Marking tags

DEK 5/8 / WS 12/6,5

## Note

WSI 6/2/LD LLC

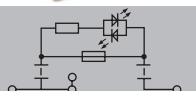
6 mm<sup>2</sup>



11.9 x 60 x 79.5

6.3 / 10

0.5...10



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

Technical data

<b>Rated data</b>	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	

Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-

2 conductors with same cross-section (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>

Note

IEC 60947-7-3

IEC	UL	CSA
500	600 (C)	150 (C)
6.3	10 (C)	6.3 (C)
6	AWG 22...8	AWG 20...8
/ 3		
A5 / V-0		



Rated connection

0.5...10 / 1.5...10
0.5...10 / 0.5...6
0.8...1.6 Nm (M 3.5)
/ 4.0 x 0.8 mm

0.5...2.5 / 0.5...2.5

Ordering data


Version	
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED

Note

Type	Qty.	Order No.
WSI 6/2/LD 10-36V LLC	25	1119800000
WSI 6/2/LD 30-70V LLC	25	1119810000
WSI 6/2/LD 60-150V LLC	25	1119820000
WSI 6/2/LD 250AC LLC	25	1119790000

Accessories

Screwable cross-connection

	2-pole
	3-pole
	4-pole
	10-pole

End plate / Partition plate

Dark beige Wemid  
Dark beige Wemid

End bracket

Dark beige Wemid

G25 with indicator / imperial (inch) fuse

0.50 A medium slow / 2 A
1.00 A medium slow / 3 A
2.00 A fast / 5 A
4.00 A fast / 10 A

Screwdriver

Standard

Type	current	Qty.	Order No.
QL 2 SAK16	76 A	50	0470700000
QL 3 SAK16	76 A	50	0470800000
QL 4 SAK16	76 A	50	0470900000
QL 10 SAK16	76 A	20	0471000000

Width

Type	Width	Qty.	Order No.
WAP 2.5-10	1.5 mm	50	1050000000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WEW 35/2	8 mm	100	1061200000
GZ 2.0A		10	0294500000
GZ 3.0A		10	0295700000
GZ 5.0A		10	0294600000
GZ 10.0A		10	0293900000
SDS 0.8X4.0X100		1	9008340000

Identification systems

(see assortment in catalogue 7)

Marking tags

DEK 5/8 / WS 12/6,5

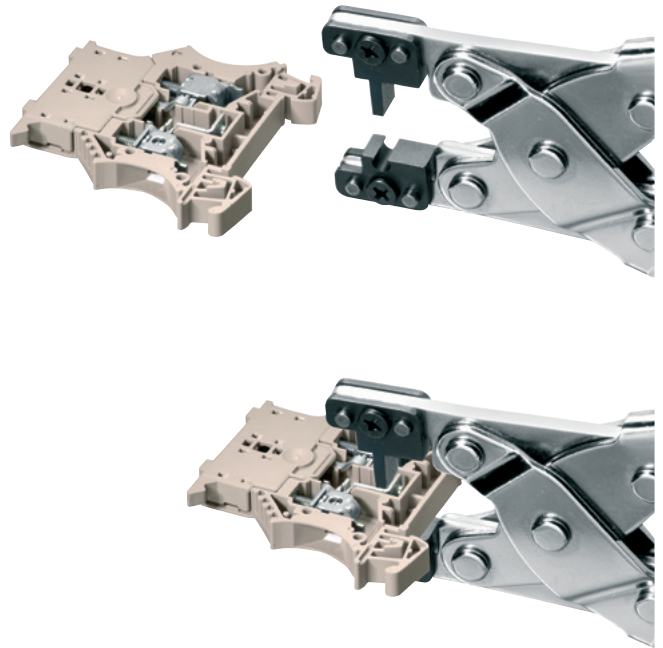
Note

## Cross-connections with test-disconnect terminal / fuse terminal WSI 6

### WSI 6 installation

To install, screw the cross-connection lugs QL X SAK6N directly to the current bar (Order No. 1052 100000 KISC M3X5). To do this, push out the pre-punched side window of the terminal carrier with the help of tool WAW 2 (order No. 90045 10000) and clip the terminal in place. Now open the fuse holder and insert the fixing screw. Slip the cross-connection lug in through the punched opening in the side of the terminal carrier and secure it with the fixing screw.

**Important!** The side window of the last terminal may not be broken out as otherwise the rated voltage cannot be guaranteed.





## Fuse terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
Note	

### Ordering data

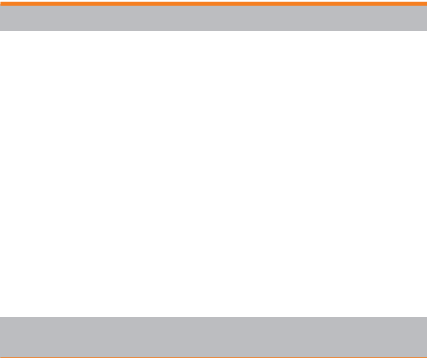
Version	
1-pole, without LED	
2-pole, without LED	
3-pole, without LED	
1-pole, with LED	
Note	

### Accessories

Type	Width	Qty.	Order No.
------	-------	------	-----------

Identification systems	
(see assortment in catalogue 7)	
Marking tags	
Note	

### Technical drawing



## WSI 25 10x38

25 mm<sup>2</sup>



36 x 58 x 58	
32 / 25	
1.5...25	

IEC 60947-7-3

IEC	UL	CSA
690		600 (C)
32		30 (C)
25		AWG 14...3
6 kV / 3 / V-0		
Rated connection		
1.5...25 / 1.5...25		
2...2.5 Nm		

Suitable for fuse cartridges to IEC 60269-6 with power loss up to 3 W maximum.

Type	Qty.	Order No.
WSI 25/1 10x38	12	1966020000
WSI 25/2 10x38	6	1966090000
WSI 25/3 10x38	4	1966080000
WSI 25/1 10x38/LED	12	1966060000

## WSI 25 CC

25 mm<sup>2</sup>



18 x 58 x 58	
32 / 25	
1.5...25	

IEC 60947-7-3

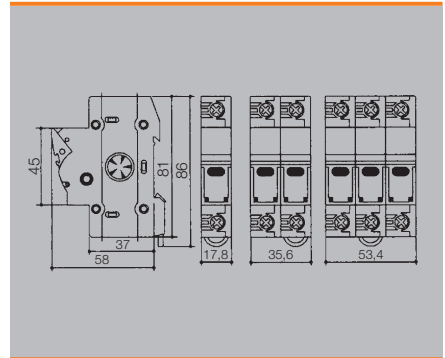
IEC	UL	CSA
690		
32		
25		AWG 18...4
6 kV / 3 / V-0		
Rated connection		
1.5...25 / 1.5...25		
2...2.5 Nm		

Suitable for fuse cartridges to IEC 60269-6 with power loss up to 3 W maximum.

Type	Qty.	Order No.
WSI 25/1 CC	12	1966050000
WSI 25/2 CC	6	1966040000
WSI 25/3 CC	4	1966030000
WSI 25/1 CC/LED	12	1966070000

Type	Width	Qty.	Order No.
------	-------	------	-----------

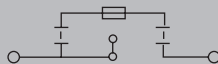
Identification systems	
(see assortment in catalogue 7)	
Marking tags	
Note	



**WSI 25/1 10x38 1KV**

**25 mm<sup>2</sup>**

**NEW**



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

18 x 58 x 58  
**32 / 25**  
**1.5...25**

**Technical data**

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-

IEC 60947-7-3

IEC	UL	CSA
1000		
32		
25		
	6 kV / 3	
	/ V-0	

**Note**

Rated connection	
1.5...25 / 1.5...25	
1.5...25 / 1.5...25	
2...2.5 Nm	

Suitable for fuse cartridges to IEC 60269-6 with power loss up to 3 W maximum.

**Ordering data**

Version	
	1-pole, without LED
	1-pole, with LED
Note	

Type	Qty.	Order No.
WSI 25/1 10x38 1KV	12	1137790000
WSI 25/1 10X38/LED 1KV	12	1137780000

**Accessories**

Safety fuses	
2 A	
4 A	
6 A	
8 A	
10 A	
12 A	
16 A	
20 A	

Type	Width	Qty.	Order No.
FUSE 1KV DC 2A 10/38		10	1224870000
FUSE 1KV DC 4A 10/38		10	1224880000
FUSE 1KV DC 6A 10/38		10	1224890000
FUSE 1KV DC 8A 10/38		10	1224900000
FUSE 1KV DC 10A 10/38		10	1224910000
FUSE 1KV DC 12A 10/38		10	1224920000
FUSE 1KV DC 16A 10/38		10	1224930000
FUSE 1KV DC 20A 10/38		10	1224950000

(see assortment in catalogue 7)

**Note**

## Fuse terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

## Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
Note	

## Ordering data

Version	
	500 V AC/DC, w/o LED
Note	

## Accessories

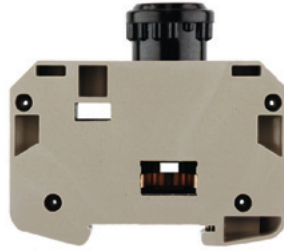
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	Lock washer
	Mounting screw
End plate / Partition plate	
	Dark beige Wemid
Screw cover cap	
	SK
Fuse cartridges	
Gauge rings	

Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	

## SAKS 2/35 DB

10 mm<sup>2</sup>

D fuses E 16



27.6 x 80 x 75  
**10 / 16**  
**0.22...16**



IEC 60947-7-3

IEC	UL	CSA
500		600 (C)
10		25 (C)
10		AWG 22...8
6 kV / 3		
B6 / V-0		
Rated connection		
0.5...16 / 0.5...10		
0.5...10 / 0.5...10		
1.2...2.4 Nm (M 4)		
12 / 1.0 x 5.5 mm		
Connections for stranded conductors from 10 mm <sup>2</sup> and AWG conductors require a tightening torque of 2 Nm.		

Type	Qty.	Order No.
SAKS 2/35 DB	20	<b>1368700000</b>
Material Duroplast KRG		

Type	current	Qty.	Order No.
QL 2 SAKS2	36 A	20	<b>0207800000</b>
QL 4 SAKS2	36 A	20	<b>0208000000</b>
QL 10 SAKS2	36 A	20	<b>0338900000</b>
SS M4 D 128-A 4		100	<b>0136400000</b>
BFSC M4X9T		100	<b>0103300000</b>
Width			
WTW EN	3 mm	20	<b>1058800000</b>
SK E16/SAKS2		25	<b>0284110000</b>
E 16/10A RT TNDZ		25	<b>0208500000</b>
E 16/16A GR TNDZ		25	<b>0208600000</b>
E 16/20A BL TNDZ		25	<b>0208700000</b>
E 16/25A GE TNDZ		25	<b>0208800000</b>
P 16/10 RT SAKS2		100	<b>0208900000</b>
P 16/16 GR SAKS2		100	<b>0209000000</b>
P 16/20 BL SAKS2		100	<b>0209100000</b>

Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	

DEK 5/5	Replacement screw cover cap, Order no. 0284110000 (qty. 20).
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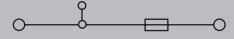
## SAKS 4/35 DB

10 mm<sup>2</sup>

D 01 fuses E 14



24 x 75 x 66  
**16 / 16**  
**0.22...16**



IEC 60947-7-3

IEC	UL	CSA
400	600 (C)	600 (C)
16	30 (C)	30 (C)
10	AWG 22...8	AWG 22...8
6 kV / 3		
B6 / V-0		
Rated connection		
0.5...16 / 0.5...10		
0.5...10 / 0.5...10		
1.2...2.4 Nm (M 4)		
14 / 1.0 x 5.5 mm		
400 V also available with Neozed shipbuilding fuse. When connecting wires of 10 mm <sup>2</sup> or larger, the torque for stranded and 7-core AWG wires is 2 Nm.		

Type	Qty.	Order No.
SAKS 4/35 DB	20	<b>0501800000</b>
Material Duroplast KRG		

Type	current	Qty.	Order No.
QL 2 SAKS4	36 A	20	<b>0328000000</b>
QL 3 SAKS4	36 A	20	<b>0328100000</b>
QL 10 SAKS4	36 A	20	<b>0339000000</b>
SS M4 D 128-A 4		100	<b>0136400000</b>
BFSC M4X9T		100	<b>0103300000</b>
Width			
WTW EN	3 mm	20	<b>1058800000</b>
SK E14 SAKS4		20	<b>0339410000</b>
E 14/2A RS		10	<b>0137400000</b>
E 14/4A BR		10	<b>0137500000</b>
E 14/6A GN		10	<b>0328300000</b>
E 14/10A RT		10	<b>0328400000</b>
P 14/2 D01 RS SAKS4		50	<b>0138000000</b>
P 14/4 D01 BR SAKS4		50	<b>0138100000</b>

Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	

DEK 5/5	Replacement screw cover cap, Order no. 0339410000 (qty. 20).
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**SAKS 5/35 DB**

**10 mm<sup>2</sup>**

**D 02 fuse E 18**



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

28 x 80 x 66
<b>63 / 16</b>
<b>1.5...16</b>

**Technical data**

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-3

IEC	UL	CSA
400	600 (C)	600 (C)
57	40 (C)	63 (C)
10	AWG 14...6	AWG 14...6
6 kV / 3		
B7 / V-0		

Rated connection	
1.5...16 / 1.5...16	
1.5...16 / 1.5...16	
1.2...2.4 Nm (M 4)	
13 / 1.0 x 5.5 mm	

400 V also available with Neozed shipbuilding fuse. When connecting wires of 10 mm<sup>2</sup> or larger; the torque for stranded and 7-core AWG wires is 2 Nm.

**Ordering data**

Version	500 V AC/DC, w/o LED
Note	

Type	Qty.	Order No.
SAKS 5/35 DB	20	<b>0502100000</b>
Material Duroplast KRG		

**Accessories**

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	Lock washer
	Mounting screw
End plate / Partition plate	
	Dark beige Wemid
Screw cover cap	
	SK
Fuse cartridges	
Gauge rings	

Type	current	Qty.	Order No.
QL 2 SAKS2	36 A	20	<b>0207800000</b>
QL 4 SAKS2	36 A	20	<b>0208000000</b>
QL 10 SAKS2	36 A	20	<b>0338900000</b>
SS M4 D 128-A 4		100	<b>0136400000</b>
BFSC M4X9T		100	<b>0103300000</b>
Width			
WTW EN	3 mm	20	<b>1058800000</b>
SK E18 SAKS5		20	<b>0359310000</b>
E 18/20A BL		10	<b>0361300000</b>
E 18/25A GE		10	<b>0361400000</b>
E 18/35A SW		10	<b>0361500000</b>
P 18/20 D02 BL SAKS5		50	<b>0361800000</b>
P 18/25 D02 GE SAKS5		50	<b>0361900000</b>
P 18/35 D02 SW SAKS5		50	<b>0362000000</b>
P 18/50 D02 WS SAKS5		50	<b>0362100000</b>

Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	

DEK 5/5
Replacement screw cover cap, Order no. 0359310000 (qty. 20).

## Fuse terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Note	

### Ordering data

Version	
	400 V AC/DC, w/o LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED
Note	

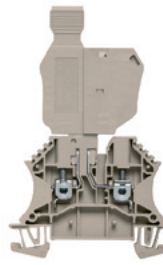
### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Dark beige Wemid
	Dark beige Wemid
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0,25 A fast
	0,50 A fast
	1,00 A fast
	2,00 A fast
Screwdriver	
	Standard

Identification systems	(see assortment in catalogue 7)
Note	Marking tags

## WTR 2.5/SI

2.5 mm<sup>2</sup>



5.1 x 60 x 97.5	
<b>6.3 / 4</b>	
<b>0.05...4</b>	

IEC 60947-7-3

IEC	UL	CSA
400	600 (C)	300 (B)
6.3	10 (C)	10 (B)
2.5	AWG 22...12	AWG 26...12
6 kV / 3		
A3 / V-0		

Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4 0.8 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).	

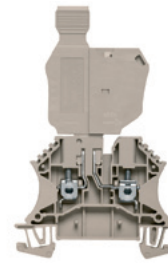
Type	Qty.	Order No.
WTR 2.5/SI	25	1763940000
WTR 2.5/SI LD 36V	25	1763950000
UL/CSA specified for 400 V fuse cartridge; otherwise the specified voltage range is also valid for UL/CSA.		

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
G 20/0.25A/F		10	0430500000
G 20/0.50A/F		10	0430600000
G 20/1.00A/F		10	0430700000
G 20/2.00A/F		10	0430900000
SDS 0.6X3.5X100		1	9008330000

Identification systems	(see assortment in catalogue 7)
Note	DEK 5/5 / WS 12/5 Cross-connection options for WTR 2.5, refer to the "W-Series Accessories" section.

## WTR 4/SI

4 mm<sup>2</sup>



6.1 x 60 x 97.5	
<b>6.3 / 6</b>	
<b>0.22...6</b>	

IEC 60947-7-3

IEC	UL	CSA
400	250 (C)	250 (D)
6.3	6.3 (C)	6.3 (D)
4	AWG 22...10	AWG 22...10
6 kV / 3		
A4 / V-0		

Rated connection	
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5 1 Nm (M 3)	
13 / 0.6 x 3.5 mm	
0.5...2.5	
0.5...1.5 / 0.5...1.5	
The rated current of the terminal is determined by the max. power loss of 1.6 W at the cartridge fuse.	

Type	Qty.	Order No.
WTR 4 SI	25	7910240000
WTR 4/SI LD 36V	25	7914370000
WTR 4/SI LD 70V	25	7914380000
WTR 4/SI LD 150V	25	7914390000
WTR 4/SI LD 250V	25	7914400000
UL/CSA specified for 400 V fuse cartridge; otherwise the specified voltage range is also valid for UL/CSA.		

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
G 20/0.25A/F		10	0430500000
G 20/0.50A/F		10	0430600000
G 20/1.00A/F		10	0430700000
G 20/2.00A/F		10	0430900000
SDS 0.6X3.5X100		1	9008330000

Identification systems	(see assortment in catalogue 7)
Note	DEK 5/6 / WS 12/6



Cartridge fuses

Technical data

For terminal type

WSI 4  
WSI 6



G-type cartridge fuses 5 x 20 without indicators to IEC 60127-2 (VDE 0820 pt.2 BI<sup>1)</sup>

Size (mm)	Nom. current (A)	Type
5 x 20	0.1	(F) G 20/0.10A/F
	0.2	(F) G 20/0.20A/F
	0.25	(F) G 20/0.25A/F
	0.5	(F) G 20/0.50A/F
	0.63	(F) G 20/0.63A/F
	1.0	(F) G 20/1.00A/F
	1.6	(F) G 20/1.60A/F
	2.0	(F) G 20/2.00A/F
	2.5	(F) G 20/2.50A/F
	3.15	(F) G 20/3.15A/F
	4.0	(F) G 20/4.00A/F
	5.0	(F) G 20/5.00A/F
	6.3	(F) G 20/6.30A/F

breaking capacity 1500 A  
(at 250 V, 50 Hz, cos φ 0.7)

(M) = medium-blow (F) = fast-blow

Ordering data

Qty.	Order No.
10	0430300000
10	0430400000
10	0430500000
10	0430600000
10	0439000000
10	0430700000
10	0430800000
10	0430900000
10	0431000000
10	0431100000
10	0431200000
10	0431300000
10	0431400000

WSI 6



G-type cartridge fuses 5 x 25 with indicators to DIN 41576<sup>1)</sup>

5 x 25 m. K. <sup>1)</sup>	0.25	(M)	G 25/0.25A/M
	0.5	(M)	G 25/0.50A/M
	0.8	(M)	G 25/0.80A/M
	1	(M)	G 25/1.00A/M
	10	(M) <sup>2)</sup>	G 25/10.0A/M
	2	(F)	G 25/2.00A/F
	4	(F)	G 25/4.00A/F
	6.3	(F)	G 25/6.30A/F

breaking capacity 80 A  
(at 250 V, 50 Hz, cos φ = 1)

(M) = medium-blow (F) = fast-blow

10	0546900000
10	0510300000
10	0646400000
10	0265800000
10	0193100000
10	0192700000
10	0192800000
10	0192900000

WSI 4/2  
WSI 6/2



Cartridge fuses 1 1/4" x 1/4" without indicators to BS 88

Size	Current (A)	Type
33 kA breaking capacity, 33 kA fast-blow	0.5	GZ 0.5A/F
E 0.5 A	1	GZ 1.0A/F
E 1 A	2	GZ 2.0A
E 2 A	3	GZ 3.0A
E 3 A	5	GZ 5.0A
E 5 A	7	GZ 7.0A
E 7 A	10	GZ 10.0A
E 10 A	12.5	GZ 12.5A/FF

(M) = medium-blow (F) = fast-blow

10	0533800000
10	0525500000
10	0294500000
10	0295700000
10	0294600000
10	0295800000
10	0293900000
10	0245400000

SAKS 2



D-type cartridge fuses E 16 with indicators to DIN 49360 (Diazed)

E 10 A	10	E 16/10A RT
E 16 A	16	E 16/16A GR
E 20 A	20	E 16/20A BL
E 25 A	25	E 16/25A GE

(M) = medium-blow (F) = fast-blow

25	0208500000
25	0208600000
25	0208700000
25	0208800000

SAKS 4 4)



D-type cartridge fuses E 14 size D 01 and E 18 size D 02 with indicators to DIN 49522 (Neozed)<sup>3)</sup>

E 14/2	2	E 14/2A RS
E 14/4	4	E 14/4A BR
E 14/6	6	E 14/6A GN
E 14/10	10	E 14/10A RT
E 14/16	16	E 14/16A GR
E 18/20	20	E 18/20A BL
E 18/25	25	E 18/25A GE
E 18/35	35	E 18/35A SW
E 18/50	50	E 18/50A WS
E 18/63	63	E 18/63A KU

(M) = medium-blow (F) = fast-blow

10	0137400000
10	0137500000
10	0328300000
10	0328400000
10	0328500000
10	0361300000
10	0361400000
10	0361500000
10	0361600000
10	0361700000

SAKS 5



- Notes:
- 1) SIBA also supplies G-type cartridge fuses 5 x 25 with indicators suitable for 450 V~ shipbuilding applications.
  - 2) Cartridge fuses 5 x 30 (500 V~) for SAKS 3 are available from the WICKMANN company.
  - 3) LINDNER also supplies the Neozed cartridge fuses in another version suitable for 440 V~ shipbuilding applications.
  - 4) Cartridge fuses in the sizes 1"x1/4" (25.4 x 6.35 mm) and 13/32"x1 1/2" (10.3 x 38.1 mm) are not included in the range.
  - 5) For SAKS 1 and SAKS 7 only.

In photovoltaic applications, fusing of individual strings is needed.

Specially designed fuses should be used as this deals with DC voltages and current. AC fuses are not suitable.

The range from 2 to 20 Amperes and up to 1000 V DC can be covered with safety fuses, size 10 x 38 mm.

### Safety fuses, 10 x 38 mm



#### Technical data

Electrical data	
Rated current	A
Rated voltage	V
Rated breaking capacity	
Melting integral	
Power output	
Additional data	
Size	mm
Test dropout voltage	
Characteristics	
Standard	

2	4	6	8	10	12	16	20
1000							
30 kA @ DC 1000 V (2 ms)							
3	10	45	5	7	10	30	52
1.2	1.8	2.5	1.6	2	2.4	2.1	2.5
10 x 38							
1000 V DC							
gPV/IEC (If = 1.45 x In)							
gR/UL E180276							
IEC 60 269-6; As at 2009							
UL 248-13							

**Note**

#### Ordering data




Order No.
1224870000   1224880000   1224890000   1224900000   1224910000   1224920000   1224930000   1224950000
Qty.
10

Order No.
1224870000   1224880000   1224890000   1224900000   1224910000   1224920000   1224930000   1224950000
Qty.
10

**Note**

### Gauge pieces

#### Technical data

For terminal type
SAKS 4/35 
SAKS 5/35 
SAKS 2/35 

Gauge piece type	Amps	Colour	Type
P 14/2	2	pink	P 14/2D01 RS
P 14/4	4	brown	P 14/4D01 BR
P 14/6	6	green	P 14/6D01 GN
P 14/1	10	red	P 14/10D01 RT
P 18/20	20	blue	P 18/20D02 BL
P 18/25	25	yellow	P 18/25D02 GE
P 18/35	35	black	P 18/35D02 SW
P 18/50	50	white	P 18/50D02 WS
P 16/10	10	red	P 16/10 RT
P 16/16	16	grey	P 16/16 GR
P 16/20	20	blue	P 16/20 BL

#### Ordering data

Qty.	Order No.
50	0138000000
50	0138100000
50	0328600000
50	0328700000
50	0361800000
50	0361900000
50	0362000000
50	0362100000
100	0208900000
100	0209000000
100	0209100000

## Test-disconnect terminals

Modular disconnect terminals enable circuits to be quickly isolated from the supply so that, for example, maintenance or repair work can be carried out.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
	Without isolator, Dark beige Wemid
	Without STB
Note	

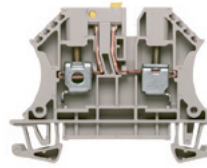
### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Dark beige Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Holder for cartridge fuse 5 x 20mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	removable, as replacement for release lever
Screwdriver	
	Standard
Identification systems	
	(see assortment in catalogue 7)
	Marking tags
Note	

## WTR 2.5

2.5 mm<sup>2</sup>

With clamping screw



5.1 x 60 x 49  
24 / 4  
0.05...4



IEC 60947-7-1

IEC	UL	CSA
500	600 (C)	300 (C)
24	20 (C)	10 (C)
2.5	AWG 30...12	AWG 26...12
6 kV / 3		
A3 / V-0		



Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.8 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
2.5 mm <sup>2</sup> conductor with ferrule with plastic collar, only with Order no. 1333100000 (500 pieces).	

Type	Qty.	Order No.
WTR 2.5	100	1855610000
WTR 2.5 BL	100	8731640000
WTR 2.5/0.TNHE	100	8731700000

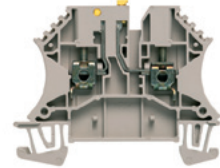
Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
Width			
WEW 35/2	8 mm	100	1061200000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000
SDS 0.6X3.5X100		1	9008330000

DEK 5/5 / WS 12/5

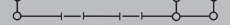
## WTR 2.5 STB

2.5 mm<sup>2</sup>

With sockets



5.1 x 60 x 49  
24 / 4  
0.05...4



IEC 60947-7-1

IEC	UL	CSA
500	600 (C)	300 (D)
24	20 (C)	10 (D)
2.5	AWG 30...12	AWG 26...12
6 kV / 3		
A3 / V-0		



Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.5...0.7 Nm (M 3)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
2.5 mm <sup>2</sup> conductor with ferrule with plastic collar, only with Order no. 1333100000 (500 pieces).	

Type	Qty.	Order No.
WTR 2.5 STB2.3	100	1855620000
WTR 2.5 STB2.3 BL	100	8731660000
WTR 2.5/0.TNHE STB2.3	100	8731670000

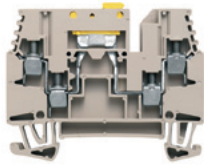
Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
Width			
WEW 35/2	8 mm	100	1061200000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000
SDS 0.6X3.5X100		1	9008330000

DEK 5/5 / WS 12/5

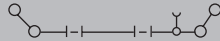
**WTR 2.5/ZZ**

**2.5 mm<sup>2</sup>**

Twin connection



5.1 x 60 x 47  
14 / 4  
0.13...4



IEC 60947-7-1

IEC	UL	CSA
400	300 (D)	300 (D)
14	10 (D)	10 (D)
2.5	AWG 22...12	AWG 26...12
6 kV / 3		
A3 / V-0		



**Rated connection**

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.5...0.6 Nm (M 3)  
7 / 0.6 x 3.5 mm

0.5...1.5  
0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WTR 2.5/ZZ	100	1039900000
WTR 2.5/ZZ BL	100	1039980000

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

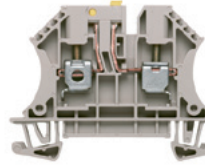
Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
Width			
WAP WTR2.5/ZZ	1.5 mm	20	1074600000
WEW 35/2	8 mm	100	1061200000
SIHA 1/G20	5.95 mm	25	9537550000
SIHA 1/G20 10-36V	5.95 mm	25	9537560000
SDS 0.6X3.5X100		1	9008330000

DEK 5/5 / WS 12/5

**WTR 4**

**4 mm<sup>2</sup>**

With clamping screw



6.1 x 60 x 49  
32 / 6  
0.22...6



IEC 60947-7-1

IEC	UL	CSA
400	300 (D)	300 (C)
32	10 (D)	10 (C)
4	AWG 22...10	AWG 22...10
6 kV / 3		
A4 / V-0		



**Rated connection**

0.5...6 / 1.5...4  
0.5...4 / 0.5...4  
0.5...0.6 Nm (M 3)  
13 / 0.6 x 3.5 mm

0.5...1.5  
0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WTR 4	50	7910180000
WTR 4 BL	50	7910190000

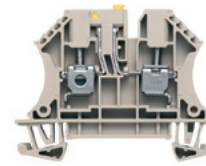
Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WEW 35/2	8 mm	100	1061200000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000
SDS 0.6X3.5X100		1	9008330000

WS 12/5

**WTR 4 STB**

**4 mm<sup>2</sup>**

With socket



6.1 x 60 x 49  
32 / 6  
0.22...6



IEC 60947-7-1

IEC	UL	CSA
400	300 (C)	300 (D)
32	22 (C)	10 (D)
4	AWG 22...10	AWG 22...10
6 kV / 3		
A4 / V-0		



**Rated connection**

0.5...6 / 1.5...6  
0.5...4 / 0.5...4  
0.5...0.6 Nm (M 3)  
13 / 0.6 x 3.5 mm

0.5...1.5  
0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WTR 4 STB	50	7910210000
WTR 4 STB BL	50	7910220000

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WEW 35/2	8 mm	100	1061200000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000
SDS 0.6X3.5X100		1	9008330000

WS 12/5

## Test-disconnect terminals

Modular disconnect terminals enable circuits to be quickly isolated from the supply so that, for example, maintenance or repair work can be carried out.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>


### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Note	

### Ordering data

Version	
Dark beige Wemid	
Blue Wemid	
Without isolator, Dark beige Wemid	
Without STB	
Note	

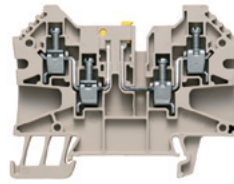
### Accessories

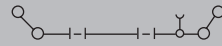
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Dark beige Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Holder for cartridge fuse 5 x 20mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	removable, as replacement for release lever
Screwdriver	
	Standard
Identification systems	
	(see assortment in catalogue 7)
	Marking tags
Note	

## WTR 4/ZZ

4 mm<sup>2</sup>

Twin connection with clamping screw



6.1 x 70 x 53.5	
27 / 6	
0.05...6	

IEC 60947-7-1

IEC	UL	CSA
500	600 (C)	600 (C)
27	25 (C)	25 (C)
4	AWG 30...10	AWG 30...10
6 kV / 3		
A4 / V-0		
Rated connection		
0.5...6 / 0.5...6		
0.5...4 / 0.5...4		
0.5...1 Nm (M 3)		
10 / 0.6 x 3.5 mm		
0.5...1.5		
0.5...1.5 / 0.5...1.5		

Type	Qty.	Order No.
WTR 4/ZZ	50	1905090000

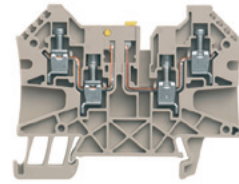
Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
Width			
WAP WDU/WTR4/ZZ	1.5 mm	50	1905150000
Width			
WEW 35/2	8 mm	100	1061200000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000
SDS 0.6X3.5X100		1	9008330000

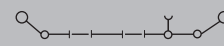
WS 12/5
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## WTR 4/ZZ STB

4 mm<sup>2</sup>

Twin connection with socket



6.1 x 70 x 53.5	
27 / 6	
0.05...6	

IEC 60947-7-1

IEC	UL	CSA
500	600 (C)	600 (C)
27	25 (C)	25 (C)
4	AWG 30...10	AWG 30...10
6 kV / 3		
A4 / V-0		
Rated connection		
0.5...6 / 0.5...6		
0.5...4 / 0.5...4		
0.5...1 Nm (M 3)		
10 / 0.6 x 3.5 mm		
0.5...1.5		
0.5...1.5 / 0.5...1.5		

Type	Qty.	Order No.
WTR 4/ZZ STB	50	1905100000

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
Width			
WAP WDU/WTR4/ZZ	1.5 mm	50	1905150000
Width			
WEW 35/2	8 mm	100	1061200000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000
SDS 0.6X3.5X100		1	9008330000

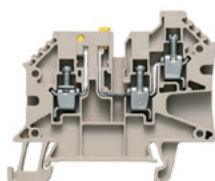
WS 12/5
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WTR 4/ZR

4 mm<sup>2</sup>

Supplementary connection, right, with clamping screw



6.1 x 63.5 x 53.5  
27 / 6  
0.05...6



IEC 60947-7-1

IEC	UL	CSA
500	600 (C)	600 (C)
27	25 (C)	25 (C)
4	AWG 30...10	AWG 30...10
6 kV / 3		
A4 / V-0		



Rated connection

0.5...6 / 0.5...6

0.5...4

0.5...1 Nm (M 3)

10 / 0.6 x 3.5 mm

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WTR 4/ZR	50	1905080000

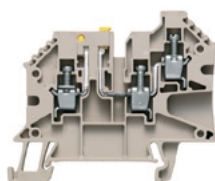
Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
<b>Width</b>			
WAP WDU/WTR4/ZR	1.5 mm	50	1905070000
WEW 35/2	8 mm	100	1061200000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000
SDS 0.6X3.5X100		1	9008330000

DEK 5/5 / WS 12/5

WTR 4/ZR STB

4 mm<sup>2</sup>

Supplementary connection, right, with socket



6.1 x 63.5 x 53.5  
27 / 6  
0.05...6



IEC 60947-7-1

IEC	UL	CSA
500	600 (C)	600 (C)
27	25 (C)	25 (C)
4	AWG 30...10	AWG 30...10
6 kV / 3		
A4 / V-0		



Rated connection

0.5...6 / 0.5...6

0.5...4 / 0.5...4

0.5...1 Nm (M 3)

10 / 0.6 x 3.5 mm

0.5...1.5

0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WTR 4/ZR STB	50	1905110000

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
<b>Width</b>			
WAP WDU/WTR4/ZR	1.5 mm	50	1905070000
WEW 35/2	8 mm	100	1061200000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000
SDS 0.6X3.5X100		1	9008330000

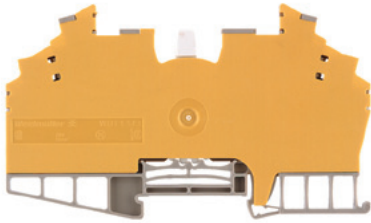
DEK 5/5 / WS 12/5



**WDT 1.5/3**

**1.5 mm<sup>2</sup>**

Disconnection lower level or both levels



6.4 x 112 x 66.75  
**10 / 2.5**  
**0.13...2.5**



IEC 60947-7-1

IEC	UL	CSA
250	300 (C)	300 (D)
10	10 (C)	10 (D)
1.5	AWG 22...14	AWG 26...14
4 kV / 3		
A2 / V-2		



**Rated connection**

0.5...2.5 / 1.5...2.5

0.5...1.5 / 0.5...1.5

0.4...0.6 Nm (M 2.5)

10 / 0.6 x 3.5 mm

...2.5

WDT 1.5/3 BL/HB Order no. 1016160000 flammability rating V2.

Type	Qty.	Order No.
WDT 1.5/3 DB/GE	25	1016000000
WDT 1.5/3 BL/HB	25	1016160000

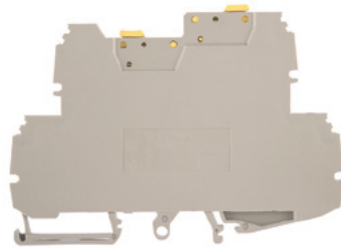
Type	current	Qty.	Order No.
<b>Width</b>			
WEW 35/2	8 mm	100	1061200000
<b>Width</b>			
SIHA 1/G20	5.95 mm	25	9537550000
SIHA 1/G20 10-36V	5.95 mm	25	9537560000
<b>Width</b>			
SDS 0.6X3.5X100		1	9008330000

DEK 5/6.5 / WS 8/5

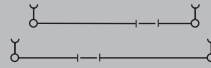
**WDTR 2.5**

**2.5 mm<sup>2</sup>**

Double disconnect terminal



6.2 x 94 x 69.5  
**14 / 4**  
**0.05...4**



IEC 60947-7-1

IEC	UL	CSA
400	300 (C)	300 (D)
10	10 (C)	10 (D)
2.5	AWG 26...12	AWG 30...12
4 kV / 3		
A3 / V-0		



**Rated connection**

0.5...4 / 1.5...4

0.5...2.5 / 0.5...2.5

0.5...0.6 Nm (M 3)

8 / 0.6 x 3.5 mm

0.5...1.5

0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WDTR 2.5	25	9528070000
WDTR 2.5 BL	25	9528080000
WDTR 2.5 O.STB	25	1298020000

Type	current	Qty.	Order No.
<b>Width</b>			
WEW 35/1	12 mm	50	1059000000
<b>Width</b>			
SIHA 1/G20	5.95 mm	25	9537550000
SIHA 1/G20 10-36V	5.95 mm	25	9537560000
<b>Width</b>			
SDS 0.6X3.5X100		1	9008330000

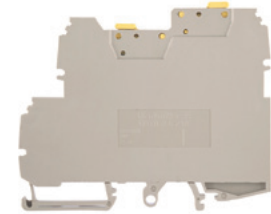
DEK 5/6 / WS 8/5

External cross-connection is possible with the VQB 1.5/50. Refer to "Accessories" Chapter.

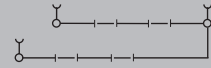
**WDTR 2.5/WE**

**2.5 mm<sup>2</sup>**

Double disconnect terminal



6.2 x 81 x 69.5  
**23 / 4**  
**0.05...4**



IEC 60947-7-1

IEC	UL	CSA
400		
10		
2.5		
4 kV / 3		
A3 / V-0		



**Rated connection**

0.5...4 / 1.5...4

0.5...2.5 / 0.5...2.5

0.5...0.6 Nm (M 3)

8 / 0.6 x 3.5 mm

0.5...1.5

0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WDTR 2.5/WE	25	9528090000
WDTR 2.5/WE O.STB	25	1297850000

Type	current	Qty.	Order No.
<b>Width</b>			
WEW 35/1	12 mm	50	1059000000
<b>Width</b>			
SIHA 1/G20	5.95 mm	25	9537550000
SIHA 1/G20 10-36V	5.95 mm	25	9537560000
<b>Width</b>			
SDS 0.6X3.5X100		1	9008330000

DEK 5/6 / WS 8/5

External cross-connection is possible with the VQB 1.5/50. Refer to "Accessories" Chapter.

## Test-disconnect terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>


## Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Note	

## Ordering data

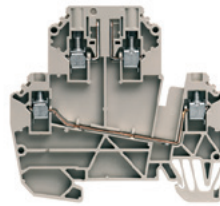
Version	
	Dark beige Wemid
	Without isolator, Dark beige Wemid
Note	

## Accessories

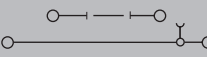
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Holder for cartridge fuse 5 x 20mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	removable, as replacement for release lever
Screwdriver	
	Standard

Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	

## WDK 2.5/TR-DU

2.5 mm<sup>2</sup>

NEW

5.1 x 72.5 x 67	
/ 4	
0.5...4	

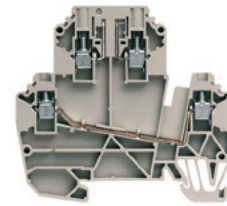
IEC	UL	CSA
690	300 (C)	300 (C)
24	20 (C)	20 (C)
2.5	AWG 30...12	AWG 30...12
8 kV / 3		
A2 / V-0		
® VDE		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.5...1 Nm (M 3)		
/ 0.6 x 3.5 mm		

Type	Qty.	Order No.
WDK 2.5/TR-DU	50	1247290000
WDK 2.5/TR-DU/o TNHE	50	1833600000

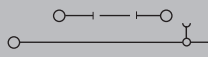
Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP WDK 2.5N/TR-DU	1.5 mm	50	1839850000
WEW 35/1	12 mm	50	1059000000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000
SDS 0.6X3.5X100		1	9008330000

DEK 5/5 / WS 8/5
------------------

## WDK 2.5/TR-DU/STB

2.5 mm<sup>2</sup>

NEW

5.1 x 72.5 x 67	
/ 4	
0.5...4	

IEC	UL	CSA
690	300 (C)	300 (C)
24	20 (C)	20 (C)
2.5	AWG 30...12	AWG 30...12
8 kV / 3		
A2 / V-0		
® VDE		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.5...1 Nm (M 3)		
/ 0.6 x 3.5 mm		

Type	Qty.	Order No.
WDK 2.5/TR-DU STB	50	1247310000
WDK 2.5/TR-DU/o TNHE STB	50	1833610000

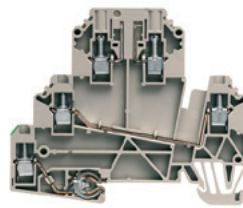
Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP WDK 2.5N/TR-DU	1.5 mm	50	1839850000
WEW 35/1	12 mm	50	1059000000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000
SDS 0.6X3.5X100		1	9008330000

DEK 5/5 / WS 8/5
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WDK 2.5/TR-DU-PE

2.5 mm<sup>2</sup>

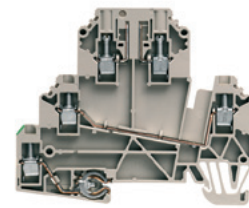
NEW



WDK 2.5/TR-DU-PE/STB

2.5 mm<sup>2</sup>

NEW



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Note	

Ordering data

Version	
	Dark beige Wemid
	Without isolator, Dark beige Wemid
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Holder for cartridge fuse 5 x 20mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	removable, as replacement for release lever
Screwdriver	
	Standard

Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	

IEC	UL	CSA
690	300 (C)	300 (C)
24	20 (C)	20 (C)
2.5	AWG 30...12	AWG 30...12
8 kV / 3		
A2 / V-0		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.5...1 Nm (M 3)		
/ 0.6 x 3.5 mm		
Note		

Type	Qty.	Order No.
WDK 2.5/TR-DU-PE	50	1247420000
WDK 2.5/TR-DU-PE/ø TNHE	50	1833640000
Note		

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP WDK 2.5N/TR-DU	1.5 mm	50	1839850000
WEW 35/1	12 mm	50	1059000000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000
SDS 0.6X3.5X100		1	9008330000
Note			

IEC	UL	CSA
690	300 (C)	300 (C)
24	20 (C)	20 (C)
2.5	AWG 30...12	AWG 30...12
8 kV / 3		
A2 / V-0		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.5...1 Nm (M 3)		
/ 0.6 x 3.5 mm		
Note		

Type	Qty.	Order No.
WDK 2.5/TR-DU-PE STB	50	1247430000
WDK 2.5/TR-DU-PE/ø TNHE STB	50	1833670000
Note		

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP WDK 2.5N/TR-DU	1.5 mm	50	1839850000
WEW 35/1	12 mm	50	1059000000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000
SDS 0.6X3.5X100		1	9008330000
Note			

Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	

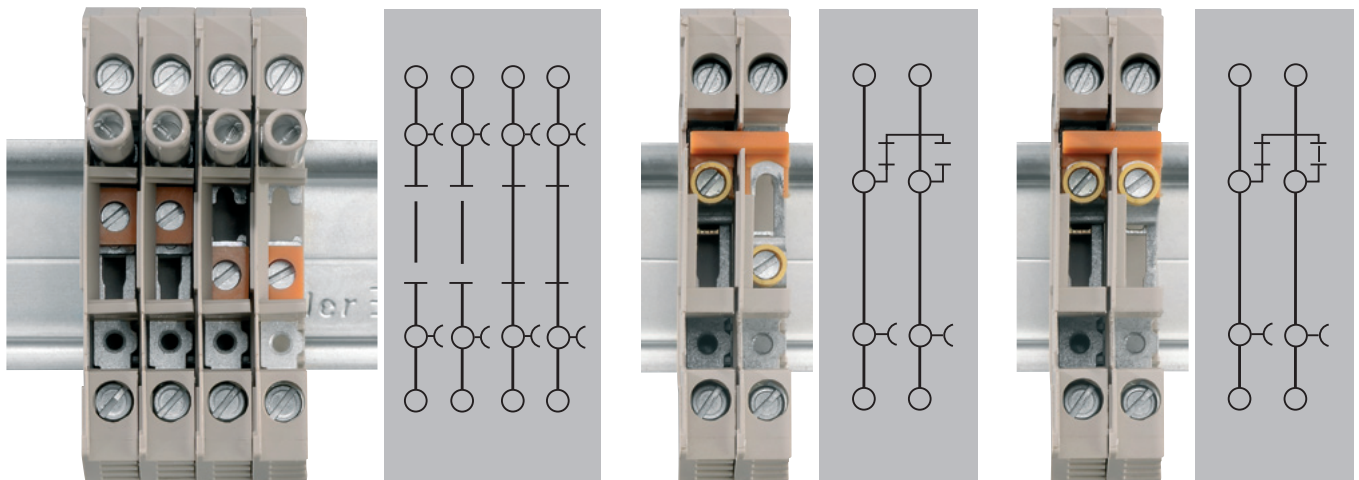
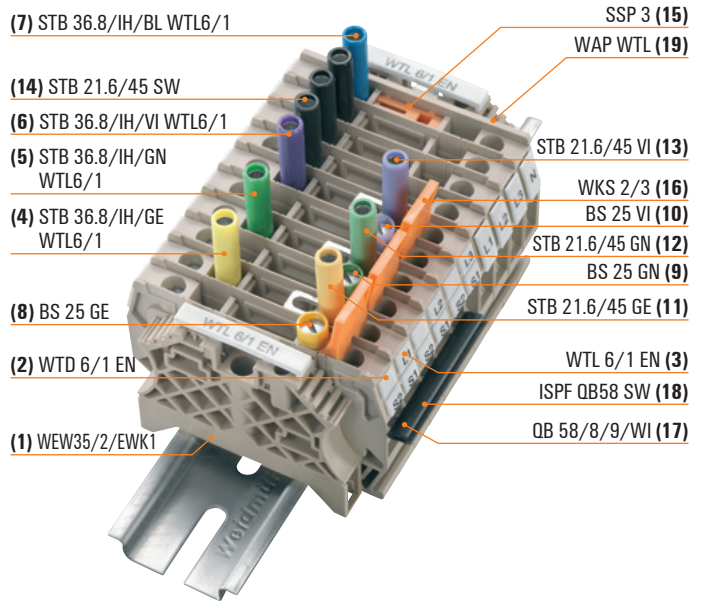
# Testing made easy

## WTL 6/1 EN, WTD 6/1 EN, WTQ 6/1 EN

Current transformers may only be short-circuited or operated with a negligible load impedance because open current transformers "run hot" and destroy themselves. Apart from that, load impedances lead to measuring inaccuracies in electricity supply meters and hence to financial losses for their operators.

You can solve many switching tasks - clearly and affordably - with the WTL 6/1 EN test-disconnect terminal, the WTD 6/1 EN feed-through terminal, and the WTQ 6/1 EN cross-disconnect terminal.

The screws for connecting the conductors are only accessible after the current transformer has been short-circuited with the help of the short-circuit slider. This guarantees that the measuring instrument is not accidentally disconnected.



Example transformer using WTL 6/1 EN

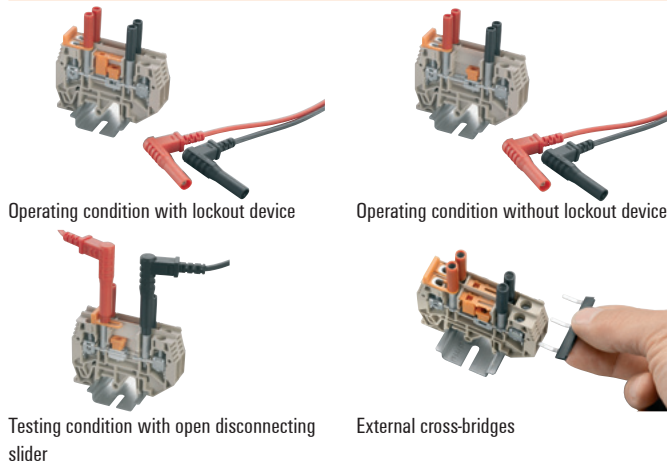
Ordering data

Pos.	Type	Order No.	Order No.	Qty.
1	WEW35/2/EWK1	1061200000	0206160000	2
2	WTD 6/1 EN	1934830000	1934830000	3
3	WTL 6/1 EN	1934810000	1934810000	7
4	STB 36.8/IH/GE WTL6/1	1847760000	1847760000	1
5	STB 36.8/IH/GN WTL6/1	1847770000	1847770000	1
6	STB 36.8/IH/VI WTL6/1	1847780000	1847780000	1
7	STB 36.8/IH/BL WTL6/1	1847790000	1847790000	1
8	BS 25 GE	0335700000	0335700000	1
9	BS 25 GN	0335600000	0335600000	1
10	BS 25 VI	0335800000	0335800000	1
11	STB 21.6/45 GE	1936240000	1936240000	2
12	STB 21.6/45 GN	1936250000	1936250000	2
13	STB 21.6/45 VI	1936260000	1936260000	2
14	STB 21.6/45 SW	1936270000	1936270000	2
15	SSP 3	0531760000	0531760000	7
16	WKS 2/3	1936140000	1936140000	3
17	QB 58/8/9/WI	0545300000	0545300000	1
18	ISPF QB58 SW	0546000000	0546000000	1
19	WAP WTL	1957710000	1957710000	1
20	VH 16	0309700000	0309700000	9

Additionally available for a shared k-point:

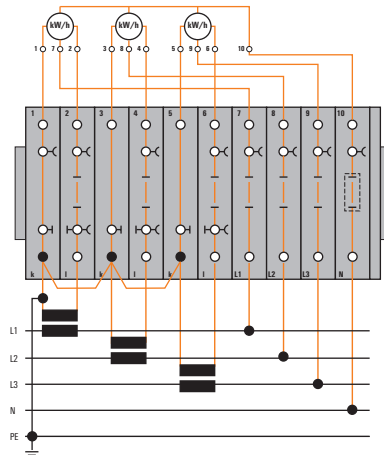
Pos.	Type	Order No.	Order No.	Qty.
21	QB 58*angled	0545300000	0545300000	1
22	ISPFQB58SW*	0546000000	0546000000	1

\* Shorten to 5 poles

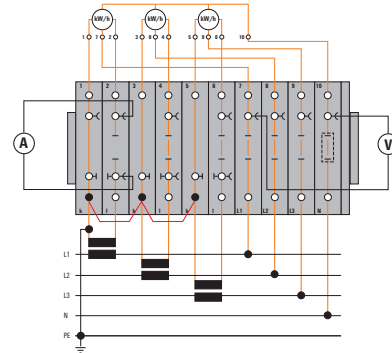


Operating status

(with external distribution of k-point)



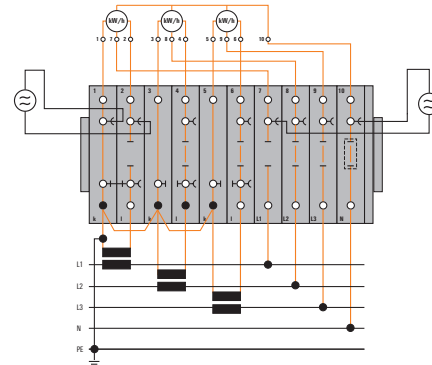
Comparison measurement for L1



Operation depending on operating status:

1. Connect ammeter to test sockets at terminal 2.
2. Open disconnect slide link of terminals 2.
3. Connect voltmeter to test sockets of terminals 7 and 10.

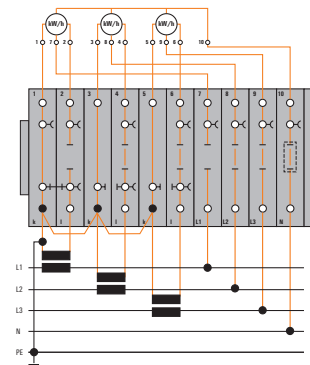
Meter test for L1 through external power supply



Operation depending on operating status:

1. Close the short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Connect external power supply to test sockets of terminals 1, 2 and 7, 10.

Changing the meter for L1



Operation depending on operating status:

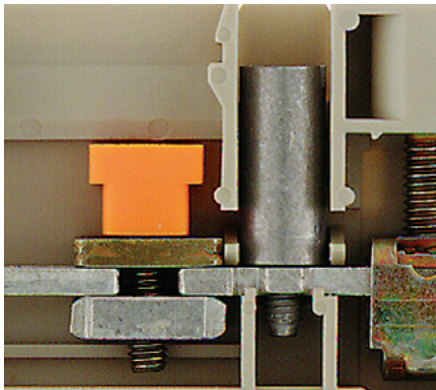
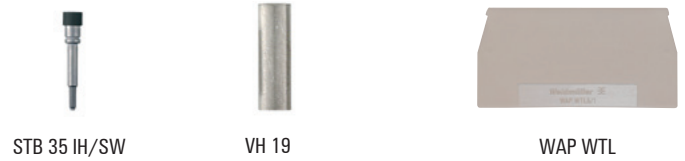
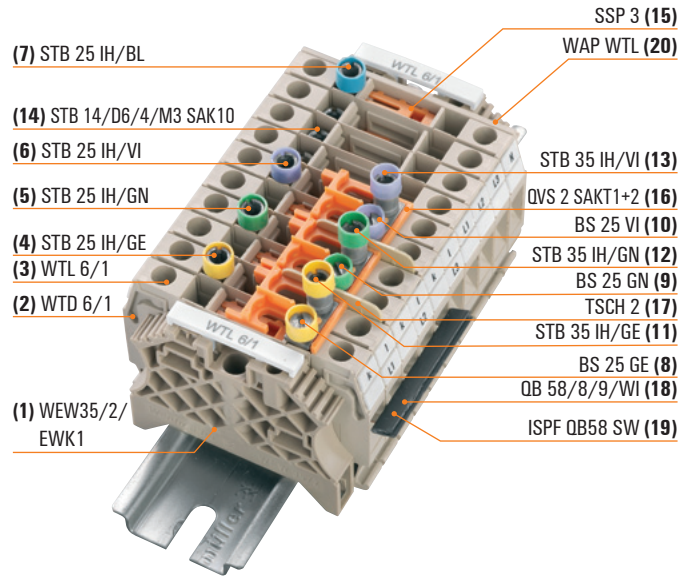
1. Close short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Disconnect meter for L1 at the terminals 1, 2 and 7.

# Testing made easy WTL 6/1, WTD 6/1, WTQ 6/1

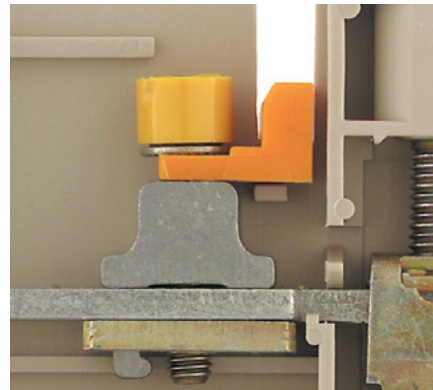
Current transformers may only be short-circuited or operated with a negligible load impedance because open current transformers "run hot" and destroy themselves. Apart from that, load impedances lead to measuring inaccuracies in electricity supply meters and hence to financial losses for their operators.

You can solve many switching tasks - clearly and affordably - with the WTL 6/1 test-disconnect terminal, the WTD 6/1 feed-through terminal, and the WTQ 6/1 cross-disconnect terminal.

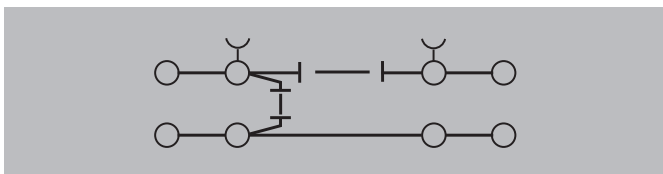
The screws for connecting the conductors are only accessible after the current transformer has been short-circuited with the help of the short-circuit slider. This guarantees that the measuring instrument is not accidentally disconnected.



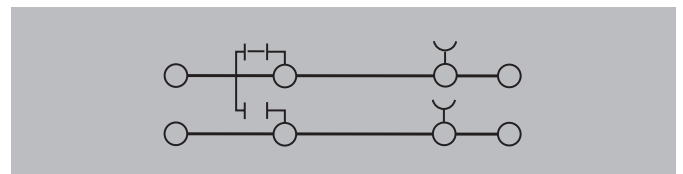
Sliding disconnector is easy to use (WTL 6/1)



Safe disconnection of cross-connection (WTQ 6/1)



One short-circuit slider per terminal (WTL 6/1)



One short-circuit jumper per terminal (WTQ 6/1)



Example transformer using WTL 6/1

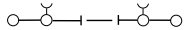
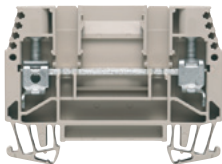
Ordering data

Pos.	Type	Order No.	Qty.
1	WEW35/2/EWK1	106120000	2
2	WTD 6/1	101710000	3
3	WTL 6/1	101670000	7
4	STB 25 IH/GE	026720000	1
5	STB 25 IH/GN	027120000	1
6	STB 25 IH/VI	027130000	1
7	STB 25 IH/BL	034340000	1
8	BS 25 GE	033570000	1
9	BS 25 GN	033560000	1
10	BS 25 VI	033580000	1
11	STB 35 IH/GE	038900000	2
12	STB 35 IH/GN	038890000	2
13	STB 35 IH/VI	038910000	2
14	STB 14/D6/4/M3 SAK10	016990000	2
15	SSP 3	053176000	7
16	QVS 2 SAKT1+2	030730000	1
17	TSCH 2	035366000	1
18	QB 58/8/9/WI	054530000	1
19	ISPF QB58 SW	054600000	1
20	WAP WTL	106830000	1
21	VH 19	031800000	9

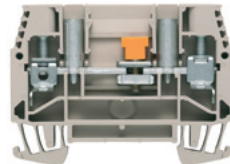
Additionally available for a shared k-point:

Pos.	Type	Order No.	Order No.	Qty.
21	QB 58*angled	054530000	054530000	1
22	ISPFQB58SW*	054600000	054600000	1

\* Shorten to 5 poles



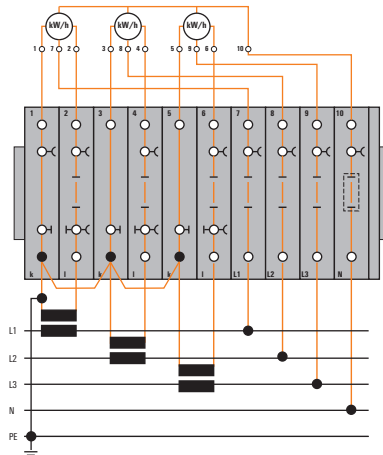
WTD 6/1



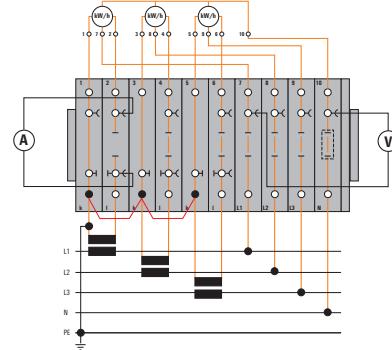
WTL 6/1

Operating status

(with external distribution of k-point)



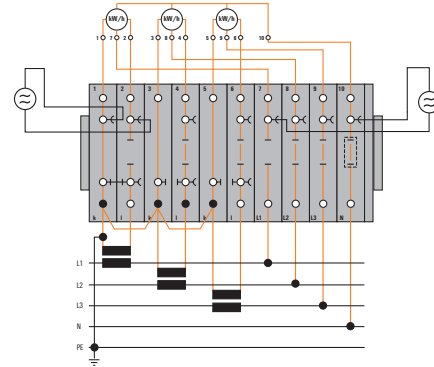
Comparison measurement for L1



Operation depending on operating status:

1. Connect ammeter to test sockets at terminal 2.
2. Open disconnect slide link of terminals 2.
3. Connect voltmeter to test sockets of terminals 7 and 10.

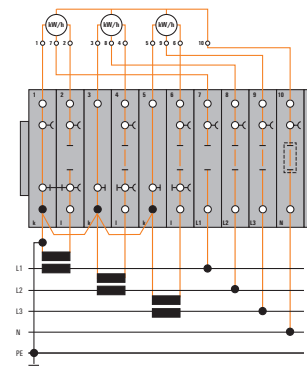
Meter test for L1 through external power supply



Operation depending on operating status:

1. Close the short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Connect external power supply to test sockets of terminals 1, 2 and 7, 10.

Changing the meter for L1



Operation depending on operating status:

1. Close short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Disconnect meter for L1 at the terminals 1, 2 and 7.

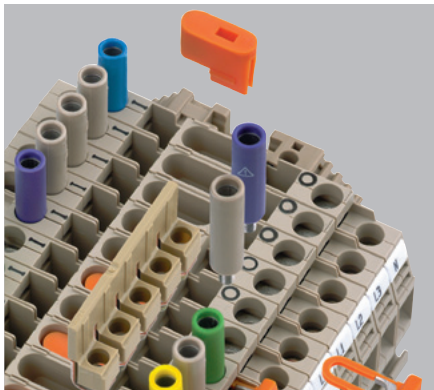
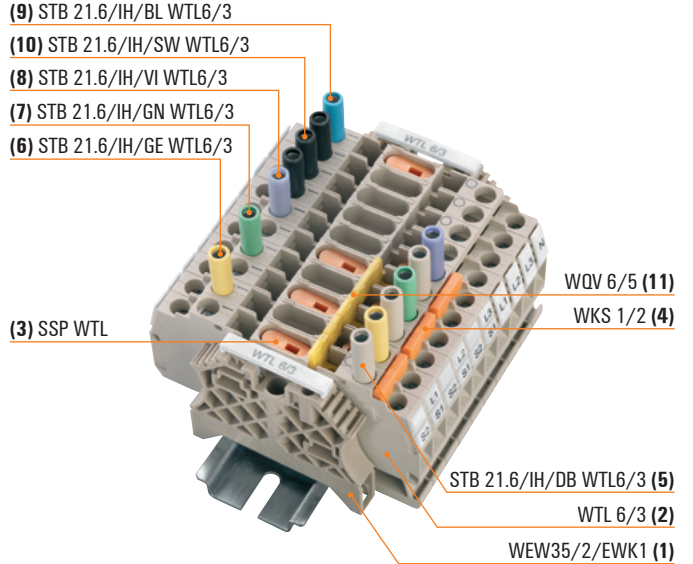
# Convenient test-disconnect terminals WTL 6/2, WTL 6/3

All the circuits occurring in practice can be realised with the WTL 6/2 and WTL 6/3 terminals plus a few accessories.

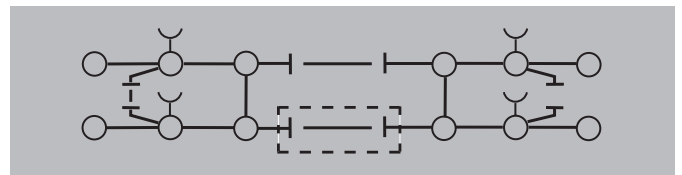
The short-circuit sliders are finger-touch safe – no risk of electric shock. Two cross-connections, e.g. for internal distribution of the contact point, can also be incorporated. The standard WQV 6 cross-connections of the W-Series can be used here, which also permit terminals to be bypassed.

**D** Thanks to the specially designed test sockets, both conventional test plugs and conventional safety test plugs can be used with the WTL 6/3.

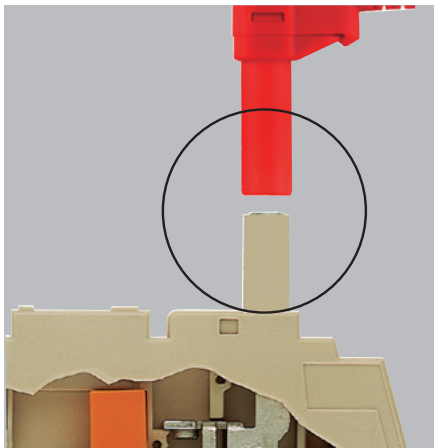
Another advantage of the WTL 6/3 is that one screwdriver fits all screws and also all sockets.



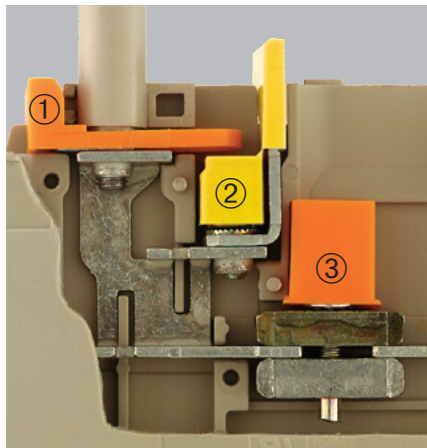
Optimised accessories for all circuit variations



Variation with maximum accessories



Safe test point according VGB 4



Compact design: ① sliding disconnect, ② cross-connection, ③ short-circuit slider



2 DEK markers per connection point

Example transformer using WTL 6/3

Ordering data

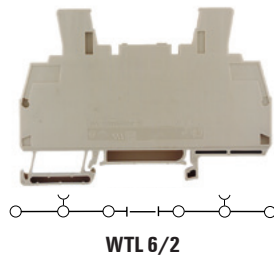
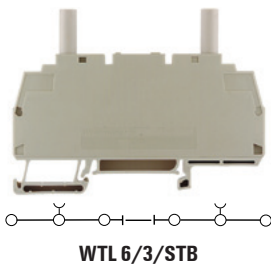
Pos.	Type	Order No.	Order No.	Qty.
1	WEW35/2/EWK1	1061200000	0206160000	2
2	WTL 6/3	1018800000	1018900000	10
3	SSP WTL	1604200000	1604200000	4
4	WKS 1/2	1604270000	1604270000	3

Optionally available for better labelling for WTL 6/3 (instead of 14 x pos. 3):

Pos.	Type	Order No.	Order No.	Qty.
5	STB 21.6/IH/DB WTL6/3	1071000000	1071000000	7
6	STB 21.6/IH/GE WTL6/3	1071010000	1071010000	2
7	STB 21.6/IH/GN WTL6/3	1071020000	1071020000	2
8	STB 21.6/IH/VI WTL6/3	1071030000	1071030000	2
9	STB 21.6/IH/BL WTL6/3	1071080000	1071080000	1
10	STB 21.6/IH/SW WTL6/3	1071040000	1071040000	3

Additionally available for a shared k-point:

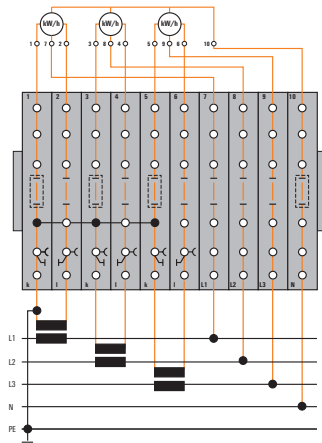
Pos.	Type	Order No.	Order No.	Qty.
11	WQV 6/5	1062660000	1062660000	1



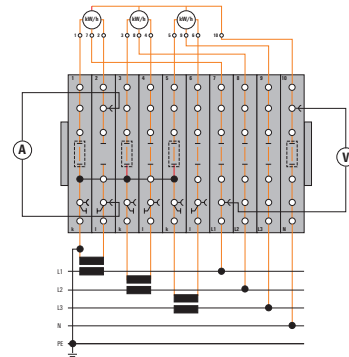
The disconnect test terminal WTL 6/3/STB offers the same functionality as the WTL 6/2. However, thanks to the special design of the test sockets both conventional test plugs as well as commercially available test plugs can be used.

Operating status

(with internal distribution of the k-point)



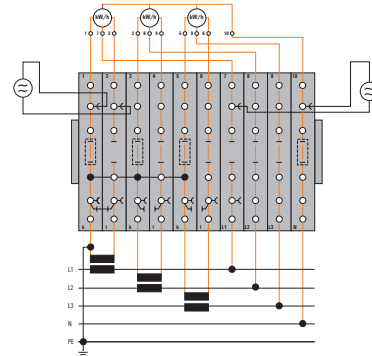
Comparison measurement for L1



Operation depending on operating status:

1. Connect ammeter to test sockets at terminal 2.
2. Open disconnect slide link of terminals 2.
3. Connect voltmeter to test sockets of terminals 7 and 10.

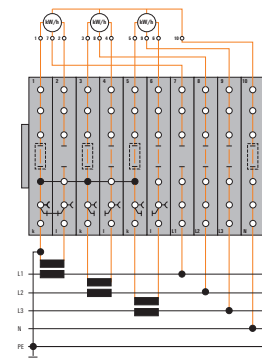
Meter test for L1 through external power supply



Operation depending on operating status:

1. Close the short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Connect external power supply to test sockets of terminals 1, 2 and 7, 10.

Changing the meter for L1



Operation depending on operating status:

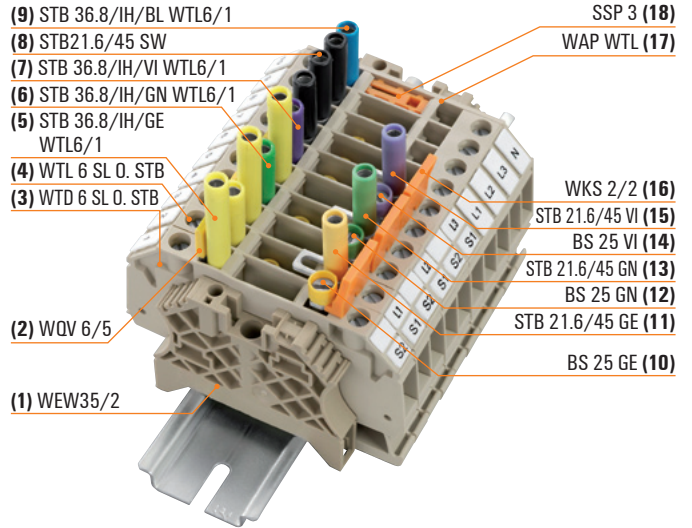
1. Close short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Disconnect meter for L1 at the terminals 1, 2 and 7.

# Testing made easy WTL 6 SL / WTD 6 SL

Current transformers may only be short-circuited or operated with a negligible load impedance because open current transformers "run hot" and destroy themselves. Apart from that, load impedances lead to measuring inaccuracies in electricity supply meters and hence to financial losses for their operators.

Many switching tasks can be done using the WTL 6 SL test/disconnect terminals and the WTD 6 SL feed-through terminals.

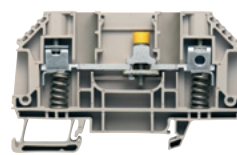
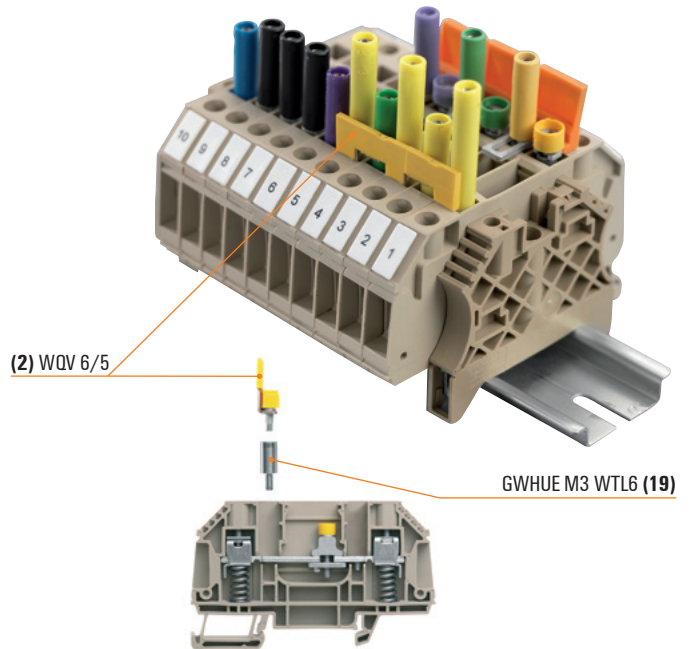
The screws for connecting the conductors are only accessible after the current transformer has been short-circuited with the help of the short-circuit slider. This guarantees that the measuring instrument is not accidentally disconnected.



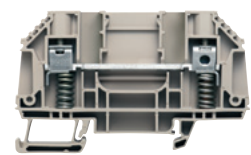
## Example transformer using WTL 6 SL / WTD 6 SL

### Ordering data

Pos.	Type	Order No.	Qty.
1	WEW35/2	1061200000	2
2	WQV 6/5	1062660000	1
3	WTD 6 SL 0. STB	1238920000	3
4	WTL 6 SL 0. STB	1238930000	7
5	STB 36.8/IH/GE WTL6/1	1847760000	4
6	STB 36.8/IH/GN WTL6/1	1847770000	1
7	STB 36.8/IH/VI WTL6/1	1847780000	1
8	STB21.6/45 SW	1936270000	3
9	STB 36.8/IH/BL WTL6/1	1847790000	1
10	BS 25 GE	0335700000	1
11	STB 21.6/45 GE	1936240000	1
12	BS 25 GN	0335600000	1
13	STB 21.6/45 GN	1936250000	1
14	BS 25 VI	0335800000	1
15	STB 21.6/45 VI	1936260000	1
16	WKS 2/2	1936150000	3
17	WAP WTL	9538110000	1
18	SSP 3	0531760000	1
19	GWHUE M3 WTL6	1255010000	3



WTL 6 SL 0. StB



WTD 6 SL 0. StB

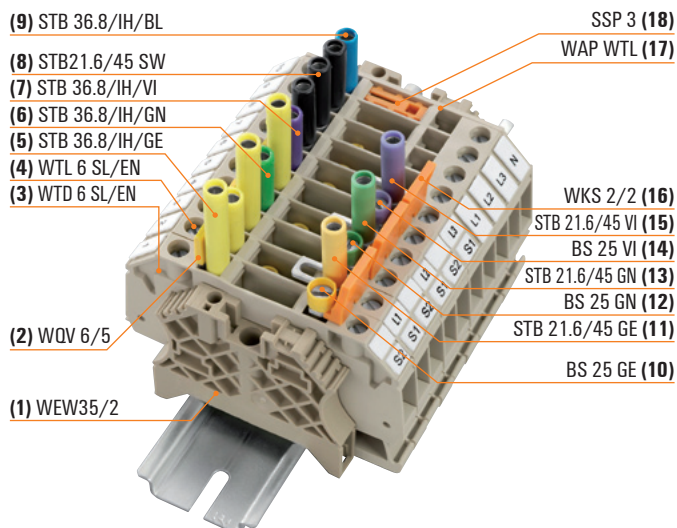
# Testing made easy

## WTL 6 SL EN / WTD 6 SL EN

Current transformers may only be short-circuited or operated with a negligible load impedance because open current transformers "run hot" and destroy themselves. Apart from that, load impedances lead to measuring inaccuracies in electricity supply meters and hence to financial losses for their operators.

Many switching tasks can be done using the WTL 6 SL EN test/disconnect terminals and the WTD 6 SL EN feed-through terminals.

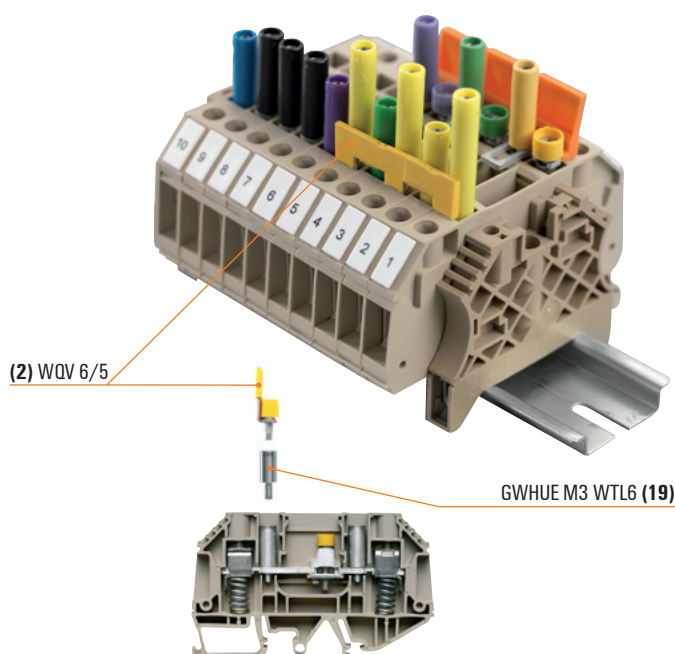
The screws for connecting the conductors are only accessible after the current transformer has been short-circuited with the help of the short-circuit slider. This guarantees that the measuring instrument is not accidentally disconnected.



### Example transformer using WTL 6 SL EN / WTD 6 SL EN

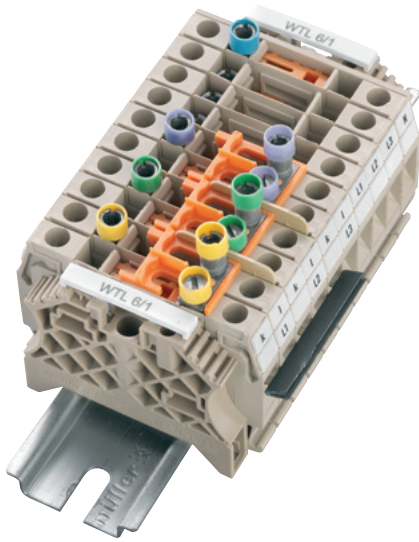
#### Ordering data

Pos.	Type	Order No.	Qty.
1	WEW35/2	1061200000	2
2	WQV 6/5	1062660000	1
3	WTD 6 SL EN	9538100000	3
4	WTL 6 SL EN	9538080000	7
5	STB 36.8/IH/GE	1847760000	4
6	STB 36.8/IH/GN	1847770000	1
7	STB 36.8/IH/VI	1847780000	1
8	STB21.6/45 SW	1936270000	3
9	STB 36.8/IH/BL	1847790000	1
10	BS 25 GE	0335700000	1
11	STB 21.6/45 GE	1936240000	1
12	BS 25 GN	0335600000	1
13	STB 21.6/45 GN	1936250000	1
14	BS 25 VI	0335800000	1
15	STB 21.6/45 VI	1936260000	1
16	WKS 2/2	1936150000	3
17	WAP WTL	9538110000	1
18	SSP 3	0531760000	1
19	GWHUE M3 WTL6	1255010000	3



**Test-disconnect terminals**

**Accessories for test-disconnect terminals WTL 6/1**



**Cross-connection slider QVS ...**

Connection sleeves VH 19 and fixing screws BS 25 (or sockets StB 35) are required for fastening the QVS in the individual terminals. The fixing screws have an insulating sleeve as colour marking and a screwdriver guide. Cross-connection sliders are designed so that the sockets inserted in the terminals remain available for test plugs at every position. The 2-pole version type QVS 2S is designed to slide with test plugs plugged in. If the option of testing is required when the QVS is plugged in, socket StB 35 can be used for fastening. The clearance and creepage sections required for the rated voltage of the terminal are changed when accessories are fitted.

**Cross-connection slider STB**

Sockets type **StB** are screwed into the busbar of the terminal. They take test plugs type PS4 or cross-connectors type QS2.

**Technical data**

Rated voltage for neighbouring	rated voltage
QVS	63 V
WQV	up to 400 V
QL	250 V

for neighbouring	rated voltage
STB 25	63 V
STB 30.5	63 V
STB 35	63 V

**SSP WTL, SSP 3** and **SSP 4** prevent unwanted opening or closing of current circuits. They block the disconnecting slider in its particular position. The lockout device is easily pressed into the terminal, but can only be removed again with a tool.

**To retain the rated voltage, partition plates TW or partition discs TSch have to be used, except with WQV.**



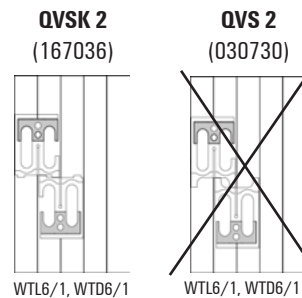
**QVS 1**

**Cross-connection slider**



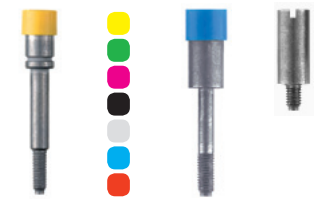
Type	No. of poles	Qty.	Order No.
QVS 2	2	20	0307300000
QVSK 2	2	20	1670360000
QVS 3	3	20	0329300000
QVS 4	4	20	0307400000
QVS 2S	2	20	0358460000

**Note:**  
Not suitable for WTL 6/1 EN.  
QVS 2 placed opposite each other cannot be switched.



**STB**

**Cross-connection slider**



Type	Colour	Qty.	Order No.
STB 14		50	0169900000
<b>STB 30.5</b>			
STB 30.5	black	50	0341000000
STB 30.5	grey	50	0341100000
STB 30.5	blue	50	0341200000
STB 30.5	red	50	0341300000
STB 30.5	green	50	0341400000
STB 30.5	yellow	50	0341500000
STB 30.5	violet	50	0341600000
<b>STB 35</b>			
STB 35	yellow	50	0389000000
STB 35	green	50	0388900000
STB 35	violet	50	0389100000
STB 35	black	50	0388500000
STB 35	grey	50	0388600000
STB 35	blue	50	0388700000
STB 35	red	50	0388800000
<b>Connecting sleeves</b>			
VH19		50	0318000000

Accessories for test-disconnect terminals WTL 6/1 EN

BS fixing screws

VH connecting sleeves

WQV cross-connections

WQV cross-connections allow for finger and hand-safe connection between neighbouring terminals in accordance with VBG 4.

QL cross-connection lug

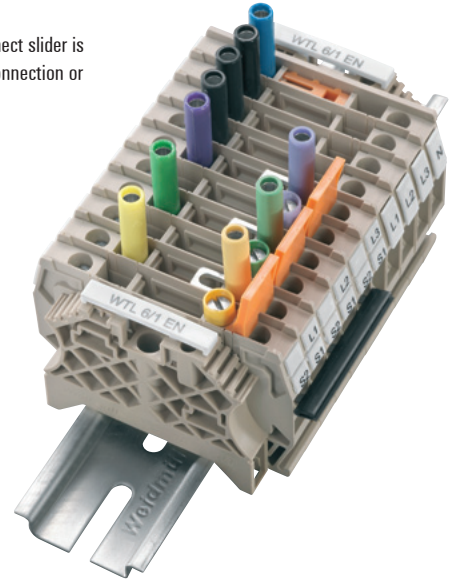
Model QL cross-connection links serve as fixed (i.e. non-switchable) cross-connections when used with WTL 6.1 test-disconnect terminals. They are fastened with connecting sleeves VH 12 and fixing screws BS M 3 x 20 (or sockets StB 30.5). The clearance and creepage distances required for the rated voltage of the terminal can be changed when accessories are installed. This applies in particular to the cross-connection of neighbouring terminals of differing potential.

WKB / WKS cross-connection bridge

WKB can be inserted from above in the case of cross-disconnect terminal type WTQ 6/1. The integrated disconnect slider is then responsible for connection or disconnection.

QS2 cross-connection plug

For sockets diameter 4 mm, for loads up to 44 A.



BS / VH



Type	Colour	Qty.	Order No.
<b>Fixing screws</b>			
BS 25	yellow	50	0335700000
BS 25	green	50	0335600000
BS 25	violet	50	0335800000
BS 25	grey	50	0335300000
BS 25	black	50	0335200000
BS 25	blue	50	0335400000
BS 25	red	50	0335500000
BS 25	blank	50	0334700000
<b>STB 25</b>			
STB 21.6/45 BL	blue	50	1936290000
STB 21.6/45 DB	d.blue	50	1938790000
STB 21.6/45 GE	yellow	50	1936240000
STB 21.6/45 GN	green	50	1936250000
STB 21.6/45 GR	grey	50	1936280000
STB 21.6/45 RT	red	50	1936300000
STB 21.6/45 SW	black	50	1936270000
STB 21.6/45 VI	violet	50	1936260000
<b>Connecting sleeves</b>			
VH 16/5/3,5 SAK10-35 CuZn 39 (brass alloy)		50	0309700000
<b>STB 36.8</b>			
STB 36.8/IH/DB WTL6/1		50	1847740000
STB 36.8/IH/GE WTL6/1		50	1847760000
STB 36.8/IH/GN WTL6/1		50	1847770000
STB 36.8/IH/VI WTL6/1		50	1847780000
STB 36.8/IH/BL WTL6/1		50	1847790000

WQV / QL



WQV (only for WTL 6/2, WTL 6/3)

Type	No. of poles	Qty.	Order No.
<b>WQV</b>			
WQV 6/2	2	50	1052360000
WQV 6/3	3	50	1054760000
WQV 6/4	4	50	1054860000
WQV 6/5	5	50	1062660000
WQV 6/7	7	50	1062680000
WQV 6/10	10	20	1052260000
<b>QL</b>			
QL 2	2	50	0194300000
QL 3	3	50	0194400000
QL 4	4	50	0194500000
QL 10	10	20	0338300000
QL 15	15	10	0221200000
<b>Connecting sleeves</b>			
VH 12		100	0249000000
E-Cu 57 (copper alloy)			

WKS / WKB



Type	No. of poles	Qty.	Order No.
<b>WQV</b>			
WKB 1/2	2	50	1604280000
WKB 1/3	3	50	1604300000
WKB 1/4	4	50	1604320000
WKB 1/10	10	20	1604330000
<b>WKS</b>			
WKS 1/2	2	50	1604270000
WKS 1/3	3	50	1604290000
WKS 1/4	4	50	1604310000
WKS 2/2	2	50	1936150000
WKS 2/3	3	50	1936140000

QS 2



Type	No. of poles	Qty.	Order No.
<b>WQV</b>			
QS 2	2	20	0270960000
x = 8 mm, y = 16 mm			
QS 2	2	20	0270860000
x = 10 mm, y = 20 mm			
QS 2	2	20	0270760000
x = 12 mm, y = 20 mm			

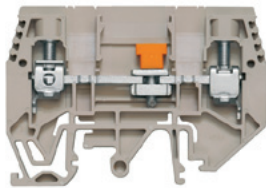




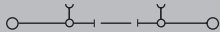
**WTL 6/1 EN**

**6 mm<sup>2</sup>**

Longitudinal - disconnect



7.9 x 65 x 48.5  
57 / 10  
0.5...10



IEC 60947-7-1

IEC	UL	CSA
630	300 (C)	300 (C)
41	45 (C)	45 (C)
6	AWG 20...8	6
6 kV / 3		
A5 / V-0		



**Rated connection**

0.5...10 / 1.5...10

0.5...10 / 0.5...6

1...1.6 Nm (M 3.5)

12 / 4.0 x 0.8 mm

Use as 500 V disconnect terminal. Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.

Type	Qty.	Order No.
WTL 6/1 EN	50	1934810000
WTL 6/1 EN STB	50	1934820000
TS32 version on request		

Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
<b>Width</b>			
WAP WTL6/1 EN	1.5 mm	20	1957710000
WTW WTL6/1 DB	1.5 mm	20	1068400000
<b>current</b>			
WEW 35/2	8 mm	100	1061200000
<b>current</b>			
WKS 2/2		50	1936140000
WKS 2/3		50	1936150000
WKS 2/4		50	1936160000
VH 16/5/3.5 SAK10-35		50	0309700000

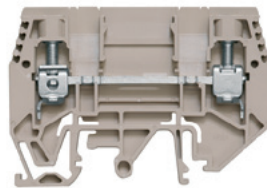
<b>Width</b>			
STB 21.6/45 BL	6.1 mm	50	1936290000
STB 21.6/45 GE	6.1 mm	50	1936240000
STB 21.6/45 GN	6.1 mm	50	1936250000
<b>current</b>			
STB 14/D6/4/M3 SAK10		500	2012420000
STB 36.8/IH/BL WTL6/1	6 mm	50	1847790000
STB 36.8/IH/GE WTL6/1	6 mm	50	1847760000
STB 36.8/IH/GN WTL6/1	6 mm	50	1847770000

DEK 5/8 / WS 12/8

**WTD 6/1 EN**

**6 mm<sup>2</sup>**

Feed-through



7.9 x 65 x 48.5  
57 / 10  
0.5...10



IEC 60947-7-1

IEC	UL	CSA
630	300 (C)	300 (C)
41	45 (C)	45 (C)
6	AWG 20...8	6
6 kV / 3		
A5 / V-0		



**Rated connection**

0.5...10 / 1.5...10

0.5...10 / 0.5...6

0.8...1.6 Nm (M 3.5)

12 / 4.0 x 0.8 mm

Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.

Type	Qty.	Order No.
WTD 6/1 EN	50	1934830000
TS32 version on request		

Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
<b>Width</b>			
WAP WTL6/1 EN	1.5 mm	20	1957710000
WTW WTL6/1 DB	1.5 mm	20	1068400000
<b>current</b>			
WEW 35/2	8 mm	100	1061200000
<b>current</b>			
WKS 2/2		50	1936140000
WKS 2/3		50	1936150000
WKS 2/4		50	1936160000
VH 16/5/3.5 SAK10-35		50	0309700000

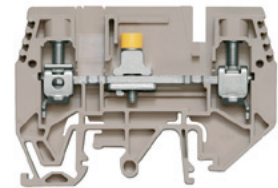
<b>Width</b>			
STB 21.6/45 BL	6.1 mm	50	1936290000
STB 21.6/45 GE	6.1 mm	50	1936240000
STB 21.6/45 GN	6.1 mm	50	1936250000
<b>current</b>			
STB 14/D6/4/M3 SAK10		500	2012420000
STB 36.8/IH/BL WTL6/1	6 mm	50	1847790000
STB 36.8/IH/GE WTL6/1	6 mm	50	1847760000
STB 36.8/IH/GN WTL6/1	6 mm	50	1847770000

DEK 5/8 / WS 12/8

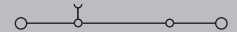
**WTQ 6/1 EN**

**6 mm<sup>2</sup>**

Cross-connect/disconnect (isolator)



7.9 x 65 x 48.5  
57 / 10  
0.5...10



IEC 60947-7-1

IEC	UL	CSA
500	300 (C)	300 (C)
41	45 (C)	45 (C)
6	AWG 20...8	6
6 kV / 3		
A5 / V-0		



**Rated connection**

0.5...10 / 1.5...

0.5...10 / 0.5...6

(M 3.5)

12 / 4.0 x 0.8 mm

Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.

Type	Qty.	Order No.
WTQ 6/1 EN	50	1934790000
WTQ 6/1 EN STB	50	1934800000
TS32 version on request		

Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
<b>Width</b>			
WAP WTL6/1 EN	1.5 mm	20	1957710000
WTW WTL6/1 DB	1.5 mm	20	1068400000
<b>current</b>			
WEW 35/2	8 mm	100	1061200000
<b>current</b>			
WKS 2/2		50	1936140000
WKS 2/3		50	1936150000
WKS 2/4		50	1936160000
VH 16/5/3.5 SAK10-35		50	0309700000

<b>Width</b>			
STB 21.6/45 BL	6.1 mm	50	1936290000
STB 21.6/45 GE	6.1 mm	50	1936240000
STB 21.6/45 GN	6.1 mm	50	1936250000
<b>current</b>			
STB 14/D6/4/M3 SAK10		500	2012420000
STB 36.8/IH/BL WTL6/1	6 mm	50	1847790000
STB 36.8/IH/GE WTL6/1	6 mm	50	1847760000
STB 36.8/IH/GN WTL6/1	6 mm	50	1847770000

DEK 5/8 / WS 12/8

## Test-disconnect terminals

Different current transformer circuits, e.g. for replacing measuring instruments or electricity meters, can be implemented.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>


### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Without socket
	with socket
Note	

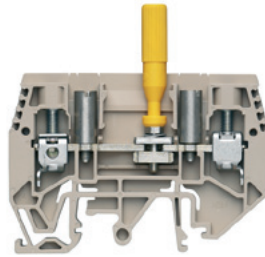
### Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Dark beige Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Cross-connection slider	
	2-pole
	3-pole
	4-pole
	Connecting sleeve for QVS
	Mounting screw for QVS
Testing / Checking	
	Standard
	Test plug
	Socket - blue
	Socket - yellow
	Socket - green
	Socket - magenta
	Socket - blue
	Socket - yellow
	Socket - green
Miscellaneous accessories	
	Lockout device
Identification systems	
	(see assortment in catalogue 7)
	Marking tags
Note	

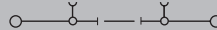
## WTL 6/1/STB/TNSC/EN

**6 mm<sup>2</sup>**


### Longitudinal separator



7.9 x 65 x 66.5

**57 / 10**
**0.5...10**


IEC 60947-7-1

IEC	UL	CSA
630	300 (C)	300 (C)
41	45 (C)	45 (C)
6	AWG 20...8	6
6 kV / 3		
A5 / V-0		
® 		
Rated connection		
0.5...10 / 1.5...		
0.5...10 / 0.5...6		
1...1.6 Nm (M 3.5)		
12 / 4.0 x 0.8 mm		
Use as 500 V disconnect terminal. Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.		

Type	Qty.	Order No.
WTL 6/1/TNSC/EN	50	1345280000
WTL 6/1/STB/TNSC/EN	50	1938820000
TS32 version on request		

Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
Width			
WAP WTL6/1 EN	1.5 mm	20	1957710000
WTW WTL6/1 DB	1.5 mm	20	1068400000
WEW 35/2			
	8 mm	100	1061200000
current			
WKS 2/2		50	1936140000
WKS 2/3		50	1936150000
WKS 2/4		50	1936160000
VH 16/5/3.5 SAK10-35		50	0309700000
Width			
STB 21.6/45 BL	6.1 mm	50	1936290000
STB 21.6/45 GE	6.1 mm	50	1936240000
STB 21.6/45 GN	6.1 mm	50	1936250000
STB 14/D6/4/M3 SAK10		500	2012420000
DEK 5/8 / WS 12/8			

Different current transformer circuits, e.g. for replacing measuring instruments or electricity meters, can be realised.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>


**Technical data**

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	
mm/-	
Note	

**Ordering data**

Version	Without socket with socket
Note	

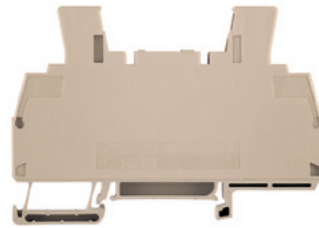
**Accessories**

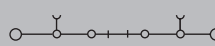
Screwable cross-connection	
	2-pole 3-pole 4-pole 10-pole
End plate / Partition plate	
	Dark beige Wemid Dark beige Wemid
End bracket	
	Dark beige Wemid
Cross-connection slider	
	2-pole 3-pole 4-pole Connecting sleeve for QVS Mounting screw for QVS
Testing / Checking	
	Standard Test plug Socket - blue Socket - yellow Socket - green Socket - magenta Socket Socket - blue Socket - yellow Socket - green
Miscellaneous accessories	
	Lockout device
Identification systems (see assortment in catalogue 7)	
	Marking tags
Note	

**WTL 6/2**


6 mm<sup>2</sup>

Longitudinal - disconnect



8 x 87 x 62	
57 / 10	
0.5...10	

IEC 60947-7-1

IEC	UL	CSA
500	300 (C)	300 (C)
41	45 (C)	45 (C)
6	AWG 20...8	6
6 kV / 3		
A5 / V-0		
® 		
Rated connection		
0.5...10 / 1.5...10		
0.5...10 / 0.5...6		
1...1.6 Nm (M 3.5)		
12 / 4.0 x 0.8 mm		
Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.		

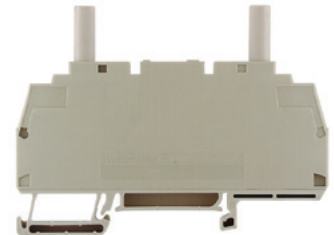
Type	Qty.	Order No.
WTL 6/2	50	1017700000
TS32 versions on request		

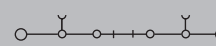
Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
Width			
WEW 35/2	8 mm	100	1061200000
current			
WKS 1/2		50	1604270000
WKS 1/3		50	1604290000
WKS 1/4		50	1604310000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
Width			
SSP WTL6/2		100	1604200000
Width			
DEK 5/8 / WS 12/8			
For additional test and isolating terminal blocks accessories, refer to the "Accessories" chapter.			

**WTL 6/3**


6 mm<sup>2</sup>

Longitudinal - disconnect



7.9 x 87 x 65	
57 / 10	
0.5...10	

IEC 60947-7-1

IEC	UL	CSA
500	300 (C)	300 (C)
41	45 (C)	45 (C)
6	AWG 20...8	6
6 kV / 3		
A5 / V-0		
® 		
Rated connection		
0.5...10 / 1.5...10		
0.5...10 / 0.5...6		
(M 3.5)		
12 / 4.0 x 0.8 mm		

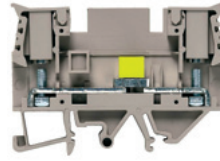
Type	Qty.	Order No.
WTL 6/3	50	1018800000
WTL 6/3/STB	50	1018600000
TS32 versions on request		

Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
Width			
WEW 35/2	8 mm	100	1061200000
current			
WKS 1/2		50	1604270000
WKS 1/3		50	1604290000
WKS 1/4		50	1604310000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 21.6/IH/BL WTL6/3	6.2 mm	50	1071080000
STB 21.6/IH/GE WTL6/3	6.2 mm	50	1071010000
STB 21.6/IH/GN WTL6/3	6.2 mm	50	1071020000
STB 21.6/IH/VI WTL6/3	6.2 mm	50	1071030000
Width			
SSP WTL6/2		100	1604200000
Width			
DEK 5/8 / WS 12/8			
For additional test and isolating terminal blocks accessories, refer to the "Accessories" chapter.			

## Test-disconnect terminals

## WTL 6/4 FF

Longitudinal - disconnect



Width/Length/height	mm
Max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

11 x 76.5 x 52	
<b>41 / 6</b>	
<b>0.13 ... 6</b>	

## Technical data

<b>Rated data</b>	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Tightening torque range clamping screw / isolator	Nm
Approvals	
Note	

IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
800	600	600	
500 V when used as test-disconnect terminal			
41	30	30	
6	AWG 26 ... 10	AWG 26...10	
1.2 ... 1.9 / 0.5 ... 0.8			



## Ordering data

<b>Version</b>	
Note	

Type	Qty.	Order No.
WTL 6/4 FF	50	<b>1887210000</b>
Insulated cable lugs		

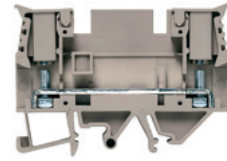
## Accessories

<b>Cross-connection</b>	
ZQV: pluggable cross-connection	2-pole
<b>End plate / partition</b>	
Dark beige Wemid	
<b>End bracket</b>	
<b>Screw</b>	
<b>Joint ferrule</b>	
<b>Cross-connection tabs</b>	
<b>Cross-connection</b>	
<b>Insulating sleeve</b>	
<b>Cross-connection plug</b>	
<b>Cable lug</b>	
<b>Tools</b>	
Screwdriver	
Crimping tools	
<b>Marking systems</b>	
Marking tags	
For detailed information on other accessories and applications, refer to the "Accessories" section.	

Type	Qty.	Order No.
ZQV 10/2	25	<b>1739680000</b>
WAP WTL6/4FF	20	<b>1887240000</b>
EWK 1/TS 32	100	<b>0206160000</b>
WEW 35/2 / TS 35	100	<b>1061200000</b>
EW 35 /SCHA/M3	100	<b>0258660000</b>
BS M3x20		<b>0303000000</b>
VH 13.5		<b>0248500000</b>
QL 2 WTL 6/4 FF		<b>1897010000</b>
QL 3 WTL 6/4 FF		<b>1897020000</b>
QL 4 WTL 6/4 FF		<b>1897030000</b>
QL 10 WTL 6/4 FF		<b>1897090000</b>
QL 50 WTL 6/4 FF		<b>1897100000</b>
Q 2 WTL 6/4 FF		<b>1897110000</b>
Q 3 WTL 6/4 FF		<b>1897120000</b>
Q 4 WTL 6/4 FF		<b>1897130000</b>
Q 10 WTL 6/4 FF		<b>1897190000</b>
DS 13.5 WTL 6/4		<b>1897000000</b>
QS 2 (2-pole)		<b>0270760000</b>
LIR 1.5 M4 V		<b>9200090000</b>
LIR 2.5 M4 V		<b>9200170000</b>
LIR 6 M4 V		<b>9200230000</b>
SDI 0.8 x 4.0		<b>9008400000</b>
SD 0.8 x 4.0		<b>9008340000</b>
SDIZ 0.8 x 5.5		<b>9008640000</b>
CTI 6		<b>9006120000</b>
WS 10/5 / DEK 5		
For additional test-disconnect terminal accessories, refer to the Accessories Chapter.		

## WTD 6/4 FF

Feed-through



11 x 76.5 x 52	
<b>41 / 6</b>	
<b>0.13 ... 6</b>	

IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
800	600	600	
500 V when used as test-disconnect terminal			
41	30	30	
6	AWG 26 ... 10	AWG 26...10	
1.2 ... 1.9			



Type	Qty.	Order No.
WTD 6/4 FF	50	<b>1887220000</b>
Insulated cable lugs		

Type	Qty.	Order No.
ZQV 10/2	25	<b>1739680000</b>
WAP WTL6/4FF	20	<b>1887240000</b>
EWK 1/TS 32	100	<b>0206160000</b>
WEW 35/2 / TS 35	100	<b>1061200000</b>
EW 35 /SCHA/M3	100	<b>0258660000</b>
BS M3x20		<b>0303000000</b>
VH 13.5		<b>0248500000</b>
QL 2 WTL 6/4 FF		<b>1897010000</b>
QL 3 WTL 6/4 FF		<b>1897020000</b>
QL 4 WTL 6/4 FF		<b>1897030000</b>
QL 10 WTL 6/4 FF		<b>1897090000</b>
QL 50 WTL 6/4 FF		<b>1897100000</b>
Q 2 WTL 6/4 FF		<b>1897110000</b>
Q 3 WTL 6/4 FF		<b>1897120000</b>
Q 4 WTL 6/4 FF		<b>1897130000</b>
Q 10 WTL 6/4 FF		<b>1897190000</b>
DS 13.5 WTL 6/4		<b>1897000000</b>
QS 2 (2-pole)		<b>0270760000</b>
LIR 1.5 M4 V		<b>9200090000</b>
LIR 2.5 M4 V		<b>9200170000</b>
LIR 6 M4 V		<b>9200230000</b>
SDI 0.8 x 4.0		<b>9008400000</b>
SD 0.8 x 4.0		<b>9008340000</b>
SDIZ 0.8 x 5.5		<b>9008640000</b>
CTI 6		<b>9006120000</b>
WS 10/5 / DEK 5		
For additional test-disconnect terminal accessories, refer to the Accessories Chapter.		

Modular disconnect terminals enable circuits to be quickly isolated from the supply so that, for example, maintenance or repair work can be carried out.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

**Technical data**

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
Note	

**Ordering data**

Version	Dark beige Wemid, 24 V
Note	

**Accessories**

End bracket	Dark beige Wemid
Screwdriver	Standard

Identification systems	(see assortment in catalogue 7) Marking tags
Note	

**WTR 35 E**

**35 mm<sup>2</sup>**



32 x 100 x 68
<b>125 / 35</b>
<b>4...35</b>

IEC	UL	CSA
24		
125		
35		
		0.8 kV / 3
		B9 / V-0
Rated connection		
4...16 / 10...35		
4...35 / 4...35		
4 Nm (M 6)		
18 / 1.2 x 6.5 mm		

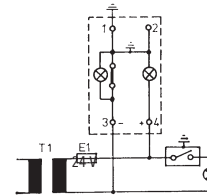
Type	Qty.	Order No.
WTR 35 E	5	<b>1045970000</b>

Type	Width	Qty.	Order No.
WEW 35/1	12 mm	50	<b>1059000000</b>
SDS 1.2X6.5X150		1	<b>9009010000</b>

WS 12/6
---------

**Operation mode**

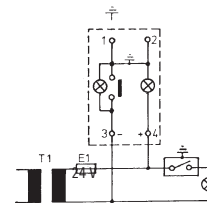
**Operating mode**



- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

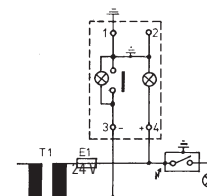
**Test position**

When measuring insulation resistance with voltages greater than U<sub>Nom</sub>, the earth connection must first be disconnected.



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than U<sub>Nom</sub>, the earth connection must be disconnected.

**Operational malfunction**



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

## Installation terminals

### Distribution terminal with WQV

N-busbars may not be used in certain applications (medical systems). Instead, installation terminals with a disconnecter in the centre of the terminal can be used.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section AWG 26...12	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-



**Note**

### Ordering data

Version	
	Dark beige Wemid

**Note**

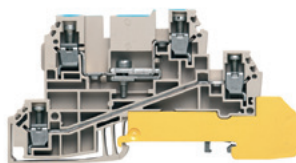
### Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	Dark beige Wemid
Support bracket for 10 x 3 (required every 20 cm)	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	With "swifty set" cutting device
	Standard

Identification systems	(see assortment in catalogue 7)
	Marking tags
<b>Note</b>	

### WDL 2.5/NT/L/PE

2.5 mm<sup>2</sup>



6.1 x 90 x 49	
<b>32 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA
400	300 (C)	300 (D)
24	15 (C)	10 (D)
2.5	AWG 22...12	AWG 26...12
4 kV / 3		
A3, A4 / V-0		

Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
8 / 0.6 x 3.5 mm	

Further connection refers to clamping point at top left (A4)  
2-conductor, 1.5 mm<sup>2</sup>, solid, with 0.6 Nm.

Type	Qty.	Order No.
WDL 2.5/NT/L/PE	50	1029800000

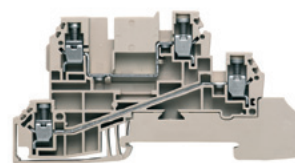
PE connection is marked green-yellow.


Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
Q 20 WDL2.5S	24 A	20	1074200000
Width			
WAP WDL2.5	1.5 mm	20	1067800000
WHP WDL2.5/S BL	2 mm	20	1067980000
Width			
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDIS 0.6X3.5X100		1	9008390000

DEK 5/5 / WS 8/5
------------------

### WDL 2.5/L/L

2.5 mm<sup>2</sup>



6.1 x 90 x 49	
<b>32 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-1

IEC	UL	CSA
400	300 (C)	300 (D)
24	15 (C)	10 (D)
2.5	AWG 22...12	AWG 26...12
6 kV / 3		
A3, A4 / V-0		

Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
8 / 0.6 x 3.5 mm	

Further connection refers to clamping point at top left (A4)  
2-conductor, 1.5 mm<sup>2</sup>, solid, with 0.6 Nm.

Type	Qty.	Order No.
WDL 2.5/L/L	50	1030300000

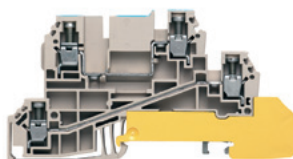
WDL 2.5/N/L Order no. 1030000000 (upper connection is marked blue).

Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
Q 20 WDL2.5S	24 A	20	1074200000
Width			
WAP WDL2.5	1.5 mm	20	1067800000
WHP WDL2.5/S BL	2 mm	20	1067980000
Width			
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDIS 0.6X3.5X100		1	9008390000

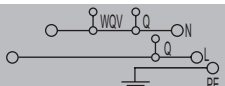
DEK 5/5 / WS 8/5
------------------

WDL 2.5/N/L/PE

2.5 mm<sup>2</sup>



6.1 x 90 x 49  
32 / 4  
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
400	300 (C)	300 (D)
24	15 (C)	10 (D)
2.5	AWG 22...12	AWG 26...12
4 kV / 3		
A3, A4 / V-0		



Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
8 / 0.6 x 3.5 mm

Further connection refers to clamping point at top left (A4)  
2-conductor, 1.5 mm<sup>2</sup>, solid, with 0.6 Nm.

Type	Qty.	Order No.
WDL 2.5/N/L/PE	50	1029900000

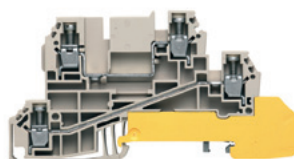
PE connection is marked green-yellow.

Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
Q 20 WDL2.5S	24 A	20	1074200000
Width			
WAP WDL2.5	1.5 mm	20	1067800000
WHP WDL2.5/S BL	2 mm	20	1067980000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDIS 0.6X3.5X100		1	9008390000

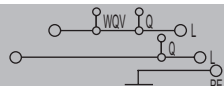
DEK 5/5 / WS 8/5

WDL 2.5/L/L/PE

2.5 mm<sup>2</sup>



6.1 x 90 x 49  
32 / 4  
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
400	300 (C)	300 (D)
24	15 (C)	10 (D)
2.5	AWG 22...12	AWG 26...12
4 kV / 3		
A3, A4 / V-0		



Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
8 / 0.6 x 3.5 mm

Further connection refers to clamping point at top left (A4)  
2-conductor, 1.5 mm<sup>2</sup>, solid, with 0.6 Nm.

Type	Qty.	Order No.
WDL 2.5/L/L/PE	50	1030200000

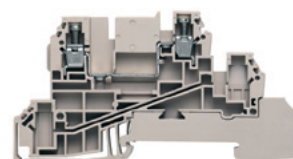
PE connection is marked green-yellow.

Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
Q 20 WDL2.5S	24 A	20	1074200000
Width			
WAP WDL2.5	1.5 mm	20	1067800000
WHP WDL2.5/S BL	2 mm	20	1067980000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDIS 0.6X3.5X100		1	9008390000

DEK 5/5 / WS 8/5

WDL 2.5/L

2.5 mm<sup>2</sup>



6.1 x 90 x 49  
32 / 4  
0.13...4



IEC 60947-7-1

IEC	UL	CSA
400	300 (C)	300 (D)
24	15 (C)	10 (D)
2.5	AWG 22...12	AWG 26...12
6 kV / 3		
A3, A4 / V-0		



Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
8 / 0.6 x 3.5 mm

Further connection refers to clamping point at top left (A4)  
2-conductor, 1.5 mm<sup>2</sup>, solid, with 0.6 Nm.

Type	Qty.	Order No.
WDL 2.5/L	50	1030400000

WDL 2.5/S/N Order no. 1030900000 (connection marked blue).

Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
Q 20 WDL2.5S	24 A	20	1074200000
Width			
WAP WDL2.5	1.5 mm	20	1067800000
WHP WDL2.5/S BL	2 mm	20	1067980000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDIS 0.6X3.5X100		1	9008390000

DEK 5/5 / WS 8/5

## Installation terminals

### Distribution terminals with 10 x 3 busbar

Space-saving wiring of three-phase circuits using only two terminals.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

#### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
Note	

#### Ordering data

Version	
	Dark beige Wemid
Note	

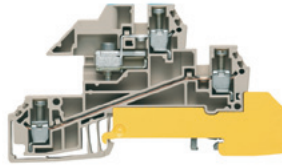
#### Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End bracket	
	Dark beige Wemid
End plate / Partition plate	
	Dark beige Wemid
Support bracket for 10 x 3 (required every 20 cm)	
	Dark beige Wemid
Busbar 10 x 3 (140 A)	
	OK, Busbar up to OK, TS35 = 25,5 mm
Clamping yoke for power supply to 10 x 3 busbars	
	Rigid / flexible 0,5 - 6 / 4 mm <sup>2</sup>
	Rigid / flexible 6 - 16 mm <sup>2</sup>
	Flexible 16 - 35 mm <sup>2</sup>

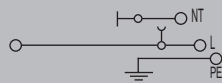
Identification systems	
	(see assortment in catalogue 7)
Note	

### WDL 2.5/S/NT/L/PE

2.5 mm<sup>2</sup>



6.1 x 84.5 x 49	
<b>32 / 4</b>	
<b>0.13...4</b>	



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
400	300 (C)	300 (D)
24	15 (C)	10 (D)
2.5	AWG 22...12	AWG 26...12
4 kV / 3		
A3 / V-0		

Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
8 / 0.6 x 3.5 mm	
Rated voltage of L-PE and L-NT: 250 V	
Tightening torque of isolator: 0.4...0.6 Nm	

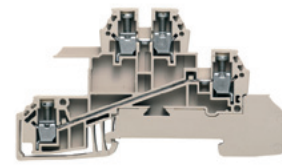
Type	Qty.	Order No.
WDL 2.5/S/NT/L/PE	50	<b>1030600000</b>
PPE connection marked green/yellow, three-phase circuit together with WDL 2.5/S/L/L		

Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	<b>1071500000</b>
Q 3 WDL2.5S	24 A	50	<b>1071600000</b>
Q 4 WDL2.5S	24 A	50	<b>1071700000</b>
Q 10 WDL2.5S	24 A	20	<b>1071800000</b>
Q 20 WDL2.5S	24 A	20	<b>1074200000</b>
Width			
WEW 35/2	8 mm	100	<b>1061200000</b>
WAP WDL2.5/S	1.5 mm	20	<b>1067700000</b>
WHP WDL2.5/S BL	2 mm	20	<b>1067980000</b>
SSCH 10X3X1000 CU/SN	10 mm	1	<b>0348900000</b>
ZB 4	5.6 mm	50	<b>0316500000</b>
ZB 16 ZKSC	10 mm	50	<b>0316600000</b>
ZB 35/M6X16	14 mm	20	<b>0266500000</b>

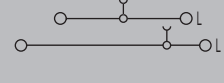
Identification systems	
	(see assortment in catalogue 7)
Note	

### WDL 2.5/S/L/L

2.5 mm<sup>2</sup>



6.1 x 84.5 x 49	
<b>32 / 4</b>	
<b>0.13...4</b>	



IEC 60947-7-1

IEC	UL	CSA
400	300 (C)	300 (D)
24	15 (C)	10 (D)
2.5	AWG 22...12	AWG 26...12
6 kV / 3		
A3 / V-0		

Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
8 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
WDL 2.5/S/L/L	50	<b>1031200000</b>
WDL 2.5/S/N/L Order no. 1030800000 (upper connection marked blue).		

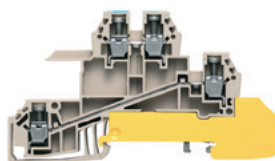
Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	<b>1071500000</b>
Q 3 WDL2.5S	24 A	50	<b>1071600000</b>
Q 4 WDL2.5S	24 A	50	<b>1071700000</b>
Q 10 WDL2.5S	24 A	20	<b>1071800000</b>
Q 20 WDL2.5S	24 A	20	<b>1074200000</b>
Width			
WEW 35/2	8 mm	100	<b>1061200000</b>
WAP WDL2.5/S	1.5 mm	20	<b>1067700000</b>
WHP WDL2.5/S BL	2 mm	20	<b>1067980000</b>
SSCH 10X3X1000 CU/SN	10 mm	1	<b>0348900000</b>
ZB 4	5.6 mm	50	<b>0316500000</b>
ZB 16 ZKSC	10 mm	50	<b>0316600000</b>
ZB 35/M6X16	14 mm	20	<b>0266500000</b>

Identification systems	
	(see assortment in catalogue 7)
Note	

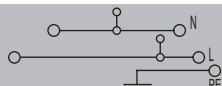


WDL 2.5/S/N/L/PE

2.5 mm<sup>2</sup>



6.1 x 84.5 x 49  
32 / 4  
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
400	300 (C)	300 (D)
24	15 (C)	10 (D)
2.5	AWG 22...12	AWG 26...12
4 kV / 3		
A3 / V-0		



Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
8 / 0.6 x 3.5 mm

L-PE / LN 250V

Type	Qty.	Order No.
WDL 2.5/S/N/L/PE	50	1030700000

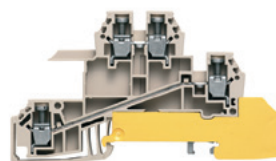
PE connection is marked green-yellow.

Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
Q 20 WDL2.5S	24 A	20	1074200000
Width			
WEW 35/2	8 mm	100	1061200000
WAP WDL2.5/S	1.5 mm	20	1067700000
WHP WDL2.5/S BL	2 mm	20	1067980000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

DEK 5/5 / WS 8/5

WDL 2.5/S/L/L/PE

2.5 mm<sup>2</sup>



6.1 x 84.5 x 49  
32 / 4  
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
400	300 (C)	300 (D)
24	15 (C)	10 (D)
2.5	AWG 22...12	AWG 26...12
4 kV / 3		
A3 / V-0		



Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
8 / 0.6 x 3.5 mm

L-PE 250V

Type	Qty.	Order No.
WDL 2.5/S/L/L/PE	50	1031100000

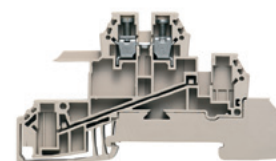
PE connection is marked green-yellow.

Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
Q 20 WDL2.5S	24 A	20	1074200000
Width			
WEW 35/2	8 mm	100	1061200000
WAP WDL2.5/S	1.5 mm	20	1067700000
WHP WDL2.5/S BL	2 mm	20	1067980000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

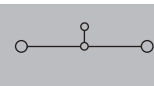
DEK 5/5 / WS 8/5

WDL 2.5/S/L

2.5 mm<sup>2</sup>



6.1 x 84.5 x 49  
32 / 4  
0.13...4



IEC 60947-7-1

IEC	UL	CSA
400	300 (C)	300 (D)
24	15 (C)	10 (D)
2.5	AWG 22...12	AWG 26...12
6 kV / 3		
A3 / V-0		



Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDL 2.5/S/L	50	1031300000

WDL 2.5/S/N Order no. 1030900000 (connection marked blue)

Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
Q 20 WDL2.5S	24 A	20	1074200000
Width			
WEW 35/2	8 mm	100	1061200000
WAP WDL2.5/S	1.5 mm	20	1067700000
WHP WDL2.5/S BL	2 mm	20	1067980000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

DEK 5/5 / WS 8/5

## Installation terminals

### Neutral conductor disconnect terminals

These special modular terminals are specified for insulation measurements, without disconnecting the conductor according to VDE standards, for places of public assembly.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

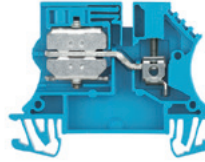
### Accessories

End plate / Partition plate	
	Dark beige Wemid
	Blue Wemid
Support bracket for 10 x 3 (required every 20 cm)	
	Blue Wemid
	
End bracket	
	Dark beige Wemid
Screwdriver	
	With "swifty set" cutting device
	Standard
Busbar 10 x 3 (140 A)	
	OK, Busbar up to OK, TS35 = 25,5 mm
Clamping yoke for power supply to 10 x 3 busbars	
	Rigid / flexible 0,5 - 6 / 4 mm <sup>2</sup>
	Rigid / flexible 6 - 16 mm <sup>2</sup>
	Flexible 16 - 35 mm <sup>2</sup>
	

Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	


### WNT 2.5

2.5 mm<sup>2</sup>



5.1 x 60 x 47	
32 / 4	NT
0.13...4	

IEC 60947-7-1

IEC	UL	CSA
400	600 (C)	600 (C)
24	25 (C)	20 (C)
2.5	AWG 22...12	AWG 26...12
6 kV / 3		
A3 / V-0		
		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.4...0.6 Nm (M 2.5)		
10 / 0.6 x 3.5 mm		
Tightening torque, N-isolator 0.4..0.6 Nm		

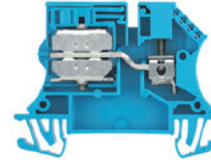
Type	Qty.	Order No.
WNT 2.5 10X3 BE	100	1010600000
WNT 2.5 10X3	100	1010680000
2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).		

Type	Width	Qty.	Order No.
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WHP 2.5-35N/10x3 BL	2 mm	20	1050280000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDS 0.6X3.5X100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

Identification systems	(see assortment in catalogue 7)
	Marking tags
	DEK 5/5 / WS 12/5
Note	


### WNT 4

4 mm<sup>2</sup>



6.1 x 60 x 47	
41 / 6	NT
0.13...6	

IEC 60947-7-1

IEC	UL	CSA
400	600 (C)	600 (C)
32	35 (C)	25 (C)
4	AWG 22...10	AWG 26...10
6 kV / 3		
A4 / V-0		
		
Rated connection		
0.5...6 / 1.5...6		
0.5...6 / 0.5...4		
0.5...1 Nm (M 3)		
10 / 0.6 x 3.5 mm		
Tightening torque, N-isolator 0.4..0.8 Nm		

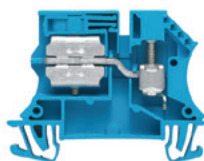
Type	Qty.	Order No.
WNT 4 10X3	100	1010780000

Type	Width	Qty.	Order No.
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WHP 2.5-35N/10x3 BL	2 mm	20	1050280000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDS 0.6X3.5X100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

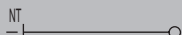
Identification systems	(see assortment in catalogue 7)
	Marking tags
	DEK 5/5 / WS 12/5
Note	

WNT 6

6 mm<sup>2</sup>



7.9 x 60 x 47  
57 / 10  
0.5...10



IEC 60947-7-1

IEC	UL	CSA
400	600 (C)	600 (C)
41	45 (C)	35 (C)
6	AWG 20...8	AWG 26...8
6 kV / 3		
A5 / V-0		



Rated connection

0.5...10 / 1.5...10  
0.5...10 / 0.5...6  
0.8...1.2 Nm (M 3.5)  
12 / 4.0 x 0.8 mm

Tightening torque, N-isolator 0.8...1.6 Nm

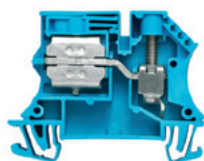
Type	Qty.	Order No.
WNT 6 10X3	50	1010880000

Type	Width	Qty.	Order No.
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WHP 2.5-35N/10x3 BL	2 mm	20	1050280000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDS 0.6X3.5X100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

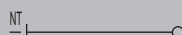
DEK 5/5 / WS 12/5

WNT 10

10 mm<sup>2</sup>



9.9 x 60 x 47  
76 / 16  
1.31...16



IEC 60947-7-1

IEC	UL	CSA
400	600 (C)	600 (C)
57	60 (C)	50 (C)
10	AWG 16...8	AWG 16...6
6 kV / 3		
B6 / V-0		



Rated connection

1.5...16 / 1.5...16  
1.5...16 / 1.5...16  
12...20 Nm (M 4)  
12 / 1.0 x 5.5 mm

Tightening torque, N-isolator 0.8...1.6 Nm. AWG 6/7 and H07V-R25 conductors require a tightening torque of 1.5 Nm.

Type	Qty.	Order No.
WNT 10 10X3 BE	50	1010900000
WNT 10 10X3	50	1010980000

Type	Width	Qty.	Order No.
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WHP 2.5-35N/10x3 BL	2 mm	20	1050280000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDS 0.6X3.5X100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

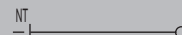
DEK 5/5 / WS 12/5

WNT 16N

16 mm<sup>2</sup>



12 x 60 x 47  
101 / 25  
1.5...25



IEC 60947-7-1

IEC	UL	CSA
400	300 (C)	300 (C)
76	65 (C)	65 (C)
16	AWG 14...6	AWG 14...6
6 kV / 3		
B7 / V-0		



Rated connection

1.5...16 / 1.5...25  
1.5...16 / 1.5...16  
1.2...2.2 Nm (M 4)  
12 / 1.0 x 5.5 mm

Tightening torque, N-isolator 0.8...1.6 Nm. AWG 6/7 and H07V-R25 conductors require a tightening torque of 1.5 Nm.

Type	Qty.	Order No.
WNT 16N 10X3	50	1019000000

Type	Width	Qty.	Order No.
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WHP 2.5-35N/10x3 BL	2 mm	20	1050280000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDS 0.6X3.5X100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

DEK 5/5 / WS 12/5

## Installation terminals

### Neutral conductor disconnect terminals

These special modular terminals are specified for insulation measurements, without disconnecting the conductor according to VDE standards, for places of public assembly.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

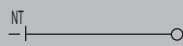
### Accessories

End plate / Partition plate	
	Dark beige Wemid
	Blue Wemid
Support bracket for 10 x 3 (required every 20 cm)	
	Blue Wemid
	
End bracket	
	Dark beige Wemid
Screwdriver	
	With "swifty set" cutting device
	Standard
Busbar 10 x 3 (140 A)	
	OK, Busbar up to OK, TS35 = 25,5 mm
Clamping yoke for power supply to 10 x 3 busbars	
	Rigid / flexible 0,5 - 6 / 4 mm <sup>2</sup>
	Rigid / flexible 6 - 16 mm <sup>2</sup>
	Flexible 16 - 35 mm <sup>2</sup>
	

Identification systems	
	(see assortment in catalogue 7)
	Marking tags
Note	

### WNT 35N

**35 mm<sup>2</sup>**
**Compact design**


16 x 66 x 51	
<b>150 / 50</b>	NT 
<b>2.5...50</b>	

IEC 60947-7-1

IEC	UL	CSA
400		
125		
35		
	6 kV / 3	
	B8 / V-0	

**Rated connection**

2.5...16 / 2.5...50
2.5...35 / 2.5...35
4...5 Nm (M 6)
18 / 6.5 x 1.2 mm

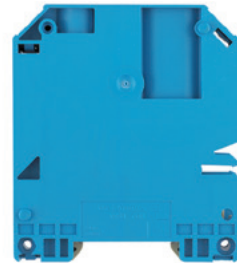
The tightening torque for 16 - 50 mm<sup>2</sup> stranded conductors is 4.5 Nm. Tightening torque for N-isolator: 1.2...2.4 Nm.

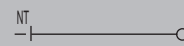
Type	Qty.	Order No.
WNT 35N 10X3	20	<b>171850000</b>

Type	Width	Qty.	Order No.
WAP 2.5-10	1.5 mm	50	<b>1050000000</b>
WAP 2.5-10 BL	1.5 mm	50	<b>1050080000</b>
WHP 2.5-35N/10x3 BL	2 mm	20	<b>1050280000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>
SWIFTY SET	18 mm	1	<b>9006060000</b>
SDS 0.6X3.5X100		1	<b>9008330000</b>
SSCH 10X3X1000 CU/SN	10 mm	1	<b>0348900000</b>
ZB 4	5.6 mm	50	<b>0316500000</b>
ZB 16 ZKSC	10 mm	50	<b>0316600000</b>
ZB 35/M6X16	14 mm	20	<b>0266500000</b>

DEK 5/5 / WS 12/5
Refer to the "W-Series Accessories" section for PEN bridges.

### WNT 70N

**70 mm<sup>2</sup>**
**Compact design**


20.5 x 75 x 86	
<b>207 / 95</b>	NT 
<b>10...95</b>	

IEC 60947-7-1

IEC	UL	CSA
400	600 (C)	
192	175 (C)	
70	AWG 6...00	
	6 kV / 3	
	B11 / V-0	

**SA**
**Rated connection**

10...16 / 10...95
10...70 / 10...70
60...12 Nm (M 8)
22 / S6 (DIN 6911)

Tightening torque, N-isolator 2.5..5.0 Nm.

Type	Qty.	Order No.
WNT 70N/35	10	<b>9512210000</b>

Type	Width	Qty.	Order No.
WAP 2.5-10	1.5 mm	50	<b>1050000000</b>
WAP 2.5-10 BL	1.5 mm	50	<b>1050080000</b>
WHP 2.5-35N/10x3 BL	2 mm	20	<b>1050280000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>
SWIFTY SET	18 mm	1	<b>9006060000</b>
SDS 0.6X3.5X100		1	<b>9008330000</b>
SSCH 10X3X1000 CU/SN	10 mm	1	<b>0348900000</b>
ZB 4	5.6 mm	50	<b>0316500000</b>
ZB 16 ZKSC	10 mm	50	<b>0316600000</b>
ZB 35/M6X16	14 mm	20	<b>0266500000</b>

DEK 5/5 / WS 12/5
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## Terminals with spring-loaded cable clamps

A spring below the clamping yoke ensures there is additional contact stability.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Note	

### Ordering data

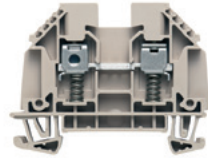
Version	
	Dark beige Wemid
	Dark beige Wemid (combi clip-on feet TS32/25)
	Black Wemid (combi clip-on feet TS32/25)
	Without STB
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Dark beige Wemid
	Black Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Testing / Checking	
	Standard
Hak. Cable lugs	
Identification systems	
	(see assortment in catalogue 7)
	Marking tags
Note	

## WDU 4 SL

4 mm<sup>2</sup>



6.1 x 60 x 47	
<b>41 / 6</b>	
<b>0.22...6</b>	

IEC 60947-7-1		Ex e II  II 2 G D	
IEC	UL	CSA	EN 60079-7
500	600 (C)	300 (C)	275
32	30 (C)	25 (C)	28
4	AWG 22...10	AWG 22...10	4
6 kV / 3			
A4 / V-0			
		SIRA 02ATEX3242 U	
Rated connection			
0.5...6 / 1.5...6			
0.5...4 / 0.5...4			
0.5...1 Nm (M 3)			
15 / 0.6 x 3.5 mm			
0.5...1.5			
0.5...1.5 / 0.5...1.5			
Note the max. current of the terminal (41 A) when using the cross-connector!			

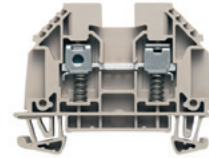
Type	Qty.	Order No.
WDU 4 SL	50	9537440000
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).		

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 SW	1.5 mm	50	1050010000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
Width			
WEW 35/2	8 mm	100	1061200000
WTA 3 WDU4	6 mm	25	1632350000
HBT 1,5 - 3,0 RT		100	1312440000
HBT 2,5 - 3,0 BL		100	1312450000

WS 12/6			
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## WDU 6 SL

6 mm<sup>2</sup>



7.9 x 60 x 47	
<b>57 / 10</b>	
<b>0.5...10</b>	

IEC 60947-7-1		Ex e II  II 2 G D	
IEC	UL	CSA	EN 60079-7
500	150 (C)	300 (C)	275
41	50 (C)	45 (C)	36
6	AWG 20...8	AWG 20...8	6
6 kV / 3			
A5 / V-0			
		SIRA 02ATEX3242 U	
Rated connection			
0.5...10 / 1.5...10			
0.5...6			
1 Nm (M 3.5)			
16 / 4.0 x 0.8 mm			
0.5			
ESI rated data: 500 V / 24 A / Note the max. current of the terminal (57 A) when using the cross-connector!			

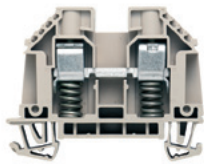
Type	Qty.	Order No.
WDU 6 SL	50	9537460000
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).		

Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 SW	1.5 mm	50	1050010000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
Width			
WEW 35/2	8 mm	100	1061200000
WTA 5/1	5 mm	25	1051260000
HBT 1,5 - 4,6 RT		100	1233340000
HBT 2,5 - 4,6 BL		100	1233330000
HBT 6,0 - 4,6 GE		100	1216230000

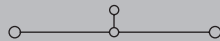
DEK 5/8 / WS 12/6,5			
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**WDU 10 SL**

**10 mm<sup>2</sup>**



9.9 x 60 x 47  
**76 / 10**  
**1.31...10**



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500	150 (C)	300 (C)	275
57	50 (C)	65 (C)	50
10	AWG 16...8	AWG 16...6	10

6 kV / 3  
A5 / V-0

SIRA 02ATEX3242 U

**Rated connection**

1.5...10 / 1.5...10  
1...6 / 1.5...10  
1.2...2.4 Nm (M 4)  
17 / 1.0 x 5.5 mm

1.5...4  
2.5...4 / 1...4

ESI rated data: 500 V / 36 A / 16 mm<sup>2</sup> stranded connection must be tightened with 2 Nm.

Type	Qty.	Order No.
WDU 10 SL	50	<b>9537480000</b>
WDU 10 SL SW	50	<b>9537400000</b>

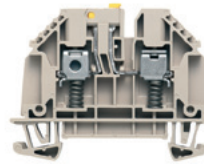
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

Type	current	Qty.	Order No.
WQV 10/2	57 A	50	<b>1052560000</b>
WQV 10/3	57 A	50	<b>1054960000</b>
WQV 10/4	57 A	50	<b>1055060000</b>
WQV 10/10	57 A	20	<b>1052460000</b>
Width			
WAP 2.5-10	1.5 mm	50	<b>1050000000</b>
WAP 2.5-10 SW	1.5 mm	50	<b>1050010000</b>
WAP 16+35 WTW 2.5-10	1.5 mm	20	<b>1050100000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>
WTA 5/1	5 mm	25	<b>1051260000</b>
HBT 1.5 - 4.6 RT		100	<b>1233340000</b>
HBT 2.5 - 4.6 BL		100	<b>1233330000</b>
HBT 6.0 - 4.6 GE		100	<b>1216230000</b>

DEK 5/5 / WS 12/6,5

**WTR 4 SL**

**4 mm<sup>2</sup>**



6.1 x 61.5 x 48.6  
**32 / 6**  
**0.22...6**



IEC 60947-7-1

IEC	UL	CSA
500	300 (C)	300 (D)
32	22 (C)	10 (D)
4	AWG 22...10	AWG 22...10

6 kV / 3  
A4 / V-0

**Rated connection**

0.5...6 / 1.5...6  
0.5...4 / 0.5...4  
0.5...0.6 Nm (M 3)  
13 / 0.6 x 3.5 mm

0.5...1.5  
0.5...1.5 / 0.5...1.5

UL/CSA 600 V possible with end plate WAP or WTW partition plate.

Type	Qty.	Order No.
WTR 4 SL	50	<b>7910270000</b>

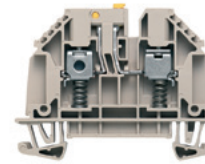
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	<b>1758250000</b>
ZQV 4N/3 GE	32 A	60	<b>1762630000</b>
ZQV 4N/4 GE	32 A	60	<b>1762620000</b>
ZQV 4N/10 GE	32 A	20	<b>1758260000</b>
ZQV 4N/20 GE	32 A	20	<b>1909020000</b>
Width			
WAP 2.5-10	1.5 mm	50	<b>1050000000</b>
WAP 2.5-10 SW	1.5 mm	50	<b>1050010000</b>
WAP 16+35 WTW 2.5-10	1.5 mm	20	<b>1050100000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>
HBT 1.5 - 3.0 RT		100	<b>1312440000</b>
HBT 2.5 - 3.0 BL		100	<b>1312450000</b>

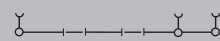
DEK 5/6 / WS 12/6

**WTR 4 SL STB**

**4 mm<sup>2</sup>**



6.1 x 61.5 x 47  
**32 / 6**  
**0.22...6**



IEC 60947-7-1

IEC	UL	CSA
500	300 (C)	300 (D)
32	22 (C)	10 (D)
4	AWG 22...10	AWG 22...10

6 kV / 3  
A4 / V-0

**Rated connection**

0.5...6 / 1.5...6  
0.5...4 / 0.5...4  
0.5...0.6 Nm (M 3)  
13 / 0.6 x 3.5 mm

0.5...1.5  
0.5...1.5 / 0.5...1.5

UL/CSA 600 V possible with end plate WAP or WTW partition plate.

Type	Qty.	Order No.
WTR 4 STB SL	50	<b>7910300000</b>

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	<b>1758250000</b>
ZQV 4N/3 GE	32 A	60	<b>1762630000</b>
ZQV 4N/4 GE	32 A	60	<b>1762620000</b>
ZQV 4N/10 GE	32 A	20	<b>1758260000</b>
ZQV 4N/20 GE	32 A	20	<b>1909020000</b>
Width			
WAP 2.5-10	1.5 mm	50	<b>1050000000</b>
WAP 2.5-10 SW	1.5 mm	50	<b>1050010000</b>
WAP 16+35 WTW 2.5-10	1.5 mm	20	<b>1050100000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>
HBT 1.5 - 3.0 RT		100	<b>1312440000</b>
HBT 2.5 - 3.0 BL		100	<b>1312450000</b>

DEK 5/6 / WS 12/6

## Terminals with spring-loaded cable clamps

A spring below the clamping yoke ensures there is additional contact stability.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

## Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
<b>2 conductors with same cross-section (H05V/H07V)</b>	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
<b>Note</b>	

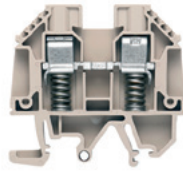
## Ordering data

Version	
	Dark beige Wemid
	Dark beige Wemid (combi clip-on feet TS32/25)
	Black Wemid (combi clip-on feet TS32/25)
	Without STB
<b>Note</b>	

## Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Dark beige Wemid
	Black Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Testing / Checking	
	Standard
Hak. Cable lugs	
Identification systems	
	(see assortment in catalogue 7)
	Marking tags
<b>Note</b>	

## WDU 4 SL/EN

4 mm<sup>2</sup>

6.1 x 60 x 53.5
<b>41 / 6</b>
<b>0.22...6</b>

IEC 60947-7-1 Ex e II II 2 G D

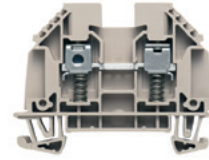
IEC	UL	CSA	EN 60079-7
500	600 (C)	300 (C)	275
32	30 (C)	25 (C)	28
4	AWG 22...10	AWG 22...10	4
6 kV / 3			
A4 / V-0			
SIRA 02ATEX3242 U			
Rated connection			
0.5...6 / 1.5...6			
0.5...4 / 0.5...4			
0.5...1 Nm (M 3)			
15 / 0.6 x 3.5 mm			
0.5...1.5			
0.5...1.5 / 0.5...1.5			
<b>Note</b> Note the max. current of the terminal (41 A) when using the cross-connector!			

Type	Qty.	Order No.
WDU 4 SL/EN	50	9537450000
WDU 4 SL/EN SW	50	9537510000
<b>Note</b> With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).		

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 SW	1.5 mm	50	1050010000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WEW 35/2	8 mm	100	1061200000
WTA 3 WDU4	6 mm	25	1632350000
HBT 1,5 - 3,0 RT		100	1312440000
HBT 2,5 - 3,0 BL		100	1312450000

WS 12/6
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## WDU 6 SL/EN

6 mm<sup>2</sup>

7.9 x 60 x 53.5
<b>57 / 10</b>
<b>0.5...10</b>

IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500	150 (C)	300 (C)	275
41	50 (C)	45 (C)	36
6	AWG 20...8	AWG 20...8	6
6 kV / 3			
A5 / V-0			
SIRA 02ATEX3242 U			
Rated connection			
0.5...10 / 1.5...10			
0.5...6			
1 Nm (M 3.5)			
16 / 4.0 x 0.8 mm			
0.5			
<b>Note</b> ESI rated data: 500 V / 24 A / Note the max. current of the terminal (57 A) when using the cross-connector!			

Type	Qty.	Order No.
WDU 6 SL/EN	50	9537470000
WDU 6 SL/EN SW	50	9537430000
<b>Note</b> With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).		

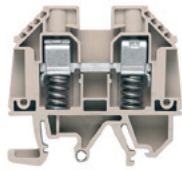
Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 SW	1.5 mm	50	1050010000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WEW 35/2	8 mm	100	1061200000
WTA 5/1	5 mm	25	1051260000
HBT 1,5 - 4,6 RT		100	1233340000
HBT 2,5 - 4,6 BL		100	1233330000
HBT 6,0 - 4,6 GE		100	1216230000

DEK 5/8 / WS 12/6,5
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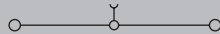


**WDU 10 SL/EN**

**10 mm<sup>2</sup>**



9.9 x 56.6 x 53.5  
**76 / 16**  
**1.31...16**



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500	600 (C)	300 (C)	275
57	50 (C)	65 (C)	50
10	AWG 16...8	AWG 16...6	10

6 kV / 3  
A6 / V-0

SIRA 02ATEX3242 U

**Rated connection**

1.5...16 / 1.5...16

1...6 / 1.5...10

1.2...2.4 Nm (M 4)

17 / 1.0 x 5.5 mm

1.5...4

2.5...4 / 1...4

ESI rated data: 500 V / 36 A / 16 mm<sup>2</sup> stranded connection must be tightened with 2 Nm.

Type	Qty.	Order No.
WDU 10 SL/EN	50	<b>9537490000</b>
WDU 10 SL/EN SW	50	<b>9537410000</b>

With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

Type	current	Qty.	Order No.
WQV 10/2	57 A	50	<b>1052560000</b>
WQV 10/3	57 A	50	<b>1054960000</b>
WQV 10/4	57 A	50	<b>1055060000</b>
WQV 10/10	57 A	20	<b>1052460000</b>

**Width**

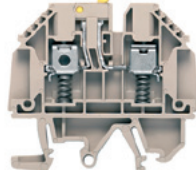
Type	Width	Qty.	Order No.
WAP 2.5-10	1.5 mm	50	<b>1050000000</b>
WAP 2.5-10 SW	1.5 mm	50	<b>1050010000</b>
WAP 16+35 WTW 2.5-10	1.5 mm	20	<b>1050100000</b>

WEW 35/2	8 mm	100	<b>1061200000</b>
WTA 5/1	5 mm	25	<b>1051260000</b>
HBT 1.5 - 4.6 RT		100	<b>1233340000</b>
HBT 2.5 - 4.6 BL		100	<b>1233330000</b>
HBT 6.0 - 4.6 GE		100	<b>1216230000</b>

DEK 5/5 / WS 12/6,5

**WTR 4 SL/EN**

**4 mm<sup>2</sup>**



6.1 x 61.5 x 55  
**32 / 6**  
**0.22...6**



IEC 60947-7-1

IEC	UL	CSA
500	300 (C)	300 (D)
32	22 (C)	10 (D)
4	AWG 22...10	AWG 22...10

6 kV / 3  
A4 / V-0

**Rated connection**

0.5...6 / 1.5...6

0.5...4 / 0.5...4

0.5...0.6 Nm (M 3)

13 / 0.6 x 3.5 mm

0.5...1.5

0.5...1.5 / 0.5...1.5

UL/CSA 600 V possible with end plate WAP or WTW partition plate.

Type	Qty.	Order No.
WTR4 SL/EN	50	<b>7910360000</b>
WTR4 SL/EN SW	50	<b>7910380000</b>

With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	<b>1758250000</b>
ZQV 4N/3 GE	32 A	60	<b>1762630000</b>
ZQV 4N/4 GE	32 A	60	<b>1762620000</b>
ZQV 4N/10 GE	32 A	20	<b>1758260000</b>
ZQV 4N/20 GE	32 A	20	<b>1909020000</b>

**Width**

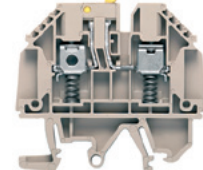
Type	Width	Qty.	Order No.
WAP 2.5-10	1.5 mm	50	<b>1050000000</b>
WAP 2.5-10 SW	1.5 mm	50	<b>1050010000</b>
WAP 16+35 WTW 2.5-10	1.5 mm	20	<b>1050100000</b>

WEW 35/2	8 mm	100	<b>1061200000</b>
HBT 1.5 - 3.0 RT		100	<b>1312440000</b>
HBT 2.5 - 3.0 BL		100	<b>1312450000</b>

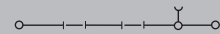
DEK 5/6 / WS 12/6

**WTR 4 STB SL/EN**

**4 mm<sup>2</sup>**



6.1 x 61.5 x 55  
**32 / 6**  
**0.22...6**



IEC 60947-7-1

IEC	UL	CSA
500	300 (C)	300 (D)
32	22 (C)	10 (D)
4	AWG 22...10	AWG 22...10

6 kV / 3  
A4 / V-0

**Rated connection**

0.5...6 / 1.5...6

0.5...4 / 0.5...4

0.5...0.6 Nm (M 3)

13 / 0.6 x 3.5 mm

0.5...1.5

0.5...1.5 / 0.5...1.5

UL/CSA 600 V possible with end plate WAP or WTW partition plate.

Type	Qty.	Order No.
WTR4 SL/EN STB	50	<b>7910390000</b>

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	<b>1758250000</b>
ZQV 4N/3 GE	32 A	60	<b>1762630000</b>
ZQV 4N/4 GE	32 A	60	<b>1762620000</b>
ZQV 4N/10 GE	32 A	20	<b>1758260000</b>
ZQV 4N/20 GE	32 A	20	<b>1909020000</b>

**Width**

Type	Width	Qty.	Order No.
WAP 2.5-10	1.5 mm	50	<b>1050000000</b>
WAP 2.5-10 SW	1.5 mm	50	<b>1050010000</b>
WAP 16+35 WTW 2.5-10	1.5 mm	20	<b>1050100000</b>

WEW 35/2	8 mm	100	<b>1061200000</b>
HBT 1.5 - 3.0 RT		100	<b>1312440000</b>
HBT 2.5 - 3.0 BL		100	<b>1312450000</b>

DEK 5/6 / WS 12/6

## Terminals with spring-loaded cable clamps

A spring below the clamping yoke ensures there is additional contact stability.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Note	

### Ordering data

Version	
	Dark beige Wemid
	Dark beige Wemid (combi clip-on feet TS32/25)
	Black Wemid (combi clip-on feet TS32/25)
	Without STB
Note	

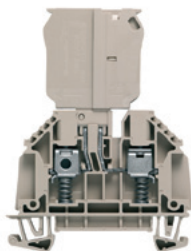
### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Dark beige Wemid
	Black Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Testing / Checking	
	Standard
Hak. Cable lugs	
Identification systems	
	(see assortment in catalogue 7)
	Marking tags
Note	

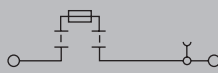
## WTR 4 SI SL

4 mm<sup>2</sup>

With fuse holder



6.1 x 61.5 x 97.5  
6.3 / 6  
0.22...6



IEC 60947-7-1

IEC	UL	CSA
400	300 (C)	300 (D)
6.3	6.3 (C)	6.3 (D)
4	AWG 22...10	AWG 22...10
6 kV / 3		
A4 / V-0		

UL, CE, RoHS, REACH

Rated connection	
Solid / stranded	0.5...6 / 1.5...6
Flexible / Flexible with ferrule	0.5...4 / 0.5...4
Tightening torque range (M 3)	
13 / 0.6 x 3.5 mm	
2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	0.5...1.5
Flexible / Flexible with ferrule	0.5...1.5 / 0.5...1.5
Note	

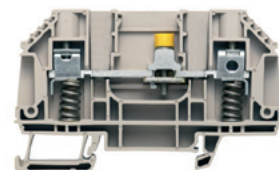
Type	Qty.	Order No.
WTR 4 SI SL	25	7910330000
Note		

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 SW	1.5 mm	50	1050010000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
Width			
WEW 35/2	8 mm	100	1061200000
HBT 1,5 - 3,0 RT		100	1312440000
HBT 2,5 - 3,0 BL		100	1312450000
Note			

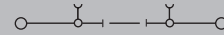
DEK 5/6 / WS 12/6

## WTL 6 SL

6 mm<sup>2</sup>



7.9 x 82.7 x 50.5  
57 / 10  
0.5...10



IEC 60947-7-1

IEC	UL	CSA
500		
6		
/ 3		
A5 / V-0		

Rated connection	
Solid / stranded	0.5...10 / 1.5...10
Flexible / Flexible with ferrule	0.5...6
Tightening torque range (M 3.5)	
16 / 4.0 x 0.8 mm	
Note	

Type	Qty.	Order No.
WTL 6 SL	50	1161690000
WTL 6 SL 0.STB	600	1238930000
Note		

With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

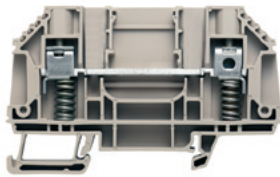
Type	current	Qty.	Order No.																																																
WQV 6/2	57 A	50	1052360000																																																
WQV 6/3	57 A	50	1054760000																																																
WQV 6/4	57 A	50	1054860000																																																
WQV 6/10	57 A	20	1052260000	Width				WAP WTL6 SL 4-6	1.5 mm	20	1238880000	WAP WTL6 SL	1.5 mm	20	9538110000	WTW EN	3 mm	20	1058800000	Width				WEW 35/2	8 mm	100	1061200000									HBT 1,5 - 4,6 RT		100	1233340000	HBT 2,5 - 4,6 BL		100	1233330000	HBT 6,0 - 4,6 GE		100	1216230000	Note			
Width																																																			
WAP WTL6 SL 4-6	1.5 mm	20	1238880000																																																
WAP WTL6 SL	1.5 mm	20	9538110000																																																
WTW EN	3 mm	20	1058800000																																																
Width																																																			
WEW 35/2	8 mm	100	1061200000																																																
HBT 1,5 - 4,6 RT		100	1233340000																																																
HBT 2,5 - 4,6 BL		100	1233330000																																																
HBT 6,0 - 4,6 GE		100	1216230000																																																
Note																																																			

WS 12/6,5

**WTD 6 SL**

**6 mm<sup>2</sup>**

Feed-through



7.9 x 82.7 x 50.5  
57 / 10  
0.5...10



IEC 60947-7-1

IEC	UL	CSA
500		
41		
6		
	6 kV / 3	
	A5 / V-0	

**Rated connection**

0.5...10 / 1.5...10  
0.5...6  
1 Nm(M 3.5)  
16 / 4.0 x 0.8 mm

0.5

Rated data ESI: 500 V / 24 A.

Type	Qty.	Order No.
WTD 6 SL	50	9538090000
WTD 6 SL 0.STB	600	1238920000

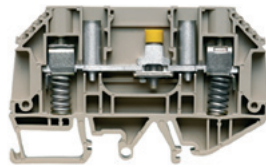
Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
<b>Width</b>			
WAP WTL6 SL 4-6	1.5 mm	20	1238880000
WAP WTL6 SL	1.5 mm	20	9538110000
WTW EN	3 mm	20	1058800000
WEW 35/2	8 mm	100	1061200000
HBT 1,5 - 4,6 RT		100	1233340000
HBT 2,5 - 4,6 BL		100	1233330000
HBT 6,0 - 4,6 GE		100	1216230000

WS 12/6,5

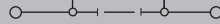
**WTL 6 SL/EN**

**6 mm<sup>2</sup>**

Longitudinal - disconnecter



7.9 x 82.7 x 51.5  
57 / 10  
0.5...10



IEC 60947-7-1

IEC	UL	CSA
500		
41		
6		
	6 kV / 3	
	A5 / V-0	

**Rated connection**

0.5...10 / 1.5...10  
0.5...6  
1 Nm(M 3.5)  
16 / 4.0 x 0.8 mm

0.5

Rated data ESI: 500 V / 24 A.

Type	Qty.	Order No.
WTL 6 SL/EN	50	9538080000

With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

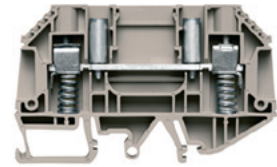
Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
<b>Width</b>			
WAP WTL6 SL 4-6	1.5 mm	20	1238880000
WAP WTL6 SL	1.5 mm	20	9538110000
WTW EN	3 mm	20	1058800000
WEW 35/2	8 mm	100	1061200000
HBT 1,5 - 4,6 RT		100	1233340000
HBT 2,5 - 4,6 BL		100	1233330000
HBT 6,0 - 4,6 GE		100	1216230000

WS 12/6,5

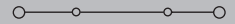
**WTD 6 SL/EN**

**6 mm<sup>2</sup>**

Feed-through



7.9 x 82.7 x 51.5  
57 / 10  
0.5...10



IEC 60947-7-1

IEC	UL	CSA
500		
41		
6		
	6 kV / 3	
	A5 / V-0	

**Rated connection**

0.5...10 / 1.5...10  
0.5...6  
1 Nm(M 3.5)  
16 / 4.0 x 0.8 mm

0.5

Rated data ESI: 500 V / 24 A.

Type	Qty.	Order No.
WTD 6 SL/EN	50	9538100000

Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
<b>Width</b>			
WAP WTL6 SL 4-6	1.5 mm	20	1238880000
WAP WTL6 SL	1.5 mm	20	9538110000
WTW EN	3 mm	20	1058800000
WEW 35/2	8 mm	100	1061200000
HBT 1,5 - 4,6 RT		100	1233340000
HBT 2,5 - 4,6 BL		100	1233330000
HBT 6,0 - 4,6 GE		100	1216230000

WS 12/6,5

## Initiator and actuator terminals

Time- and space-saving wiring for initiators and actuators. All the connections for initiator and actuator are in one terminal.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Electronic fixtures	
Component voltage / Component current	V/A
Operating voltage for display, max. / Current	V/A
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
	Dark beige Wemid (red LED)
	Dark beige Wemid (green LED)
Note	

### Accessories

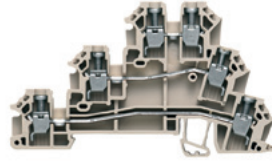
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Small partition	
	Small partition

Identification systems	
	(see assortment in catalogue 7)
	Marking tags
Note	

## DLD 2.5

2.5 mm<sup>2</sup>

Voltage supply



6.1 x 82.5 x 49
24 / 4
0.13...4

IEC 60947-7-1

IEC	UL	CSA
250	300 (D)	300 (C)
24	10 (D)	10 (C)
2.5	AWG 22...12	AWG 26...12
4 kV / 3		
A3 / V-0		



### Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
7 / 0.6 x 3.5 mm

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

Type	Qty.	Order No.
DLD 2.5 DB	50	1784180000
Variant in blue, Order no. 6269250000 (qty. 50)		

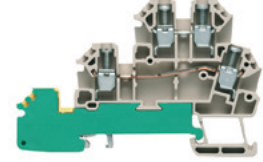
Type	current	Qty.	Order No.
Q 2 DLI	20 A	50	1312500000
Q 3 DLI	20 A	50	1312600000
Q 4 DLI	20 A	50	1312700000
Q 10 DLI	20 A	20	1313100000
Width			
AP DLI2.5 DB	1.5 mm	20	1783550000
EW 35	8.5 mm	50	0383560000
SDS 0.6X3.5X100		1	9008330000
TSCH 1	2 mm	100	0319160000

DEK 5/6
TEAP DLD2.5 DB partial end plate, Order no. 1784220000 (20 pcs.)

## DLD 2.5 PE

2.5 mm<sup>2</sup>

Lower level earthed



6.1 x 74.5 x 49
17.5 / 4
0.13...4

IEC 60947-7-1

IEC	UL	CSA
250	300 (D)	300 (D)
17.5	10 (D)	10 (D)
2.5	AWG 22...12	AWG 26...12
4 kV / 3		
A3 / V-0		



### Rated connection

0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
7 / 0.6 x 3.5 mm

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

Type	Qty.	Order No.
DLD 2.5/PE DB	50	1783790000

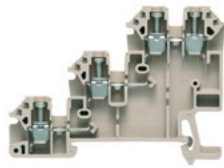
Type	current	Qty.	Order No.
Q 2 DLI	20 A	50	1312500000
Q 3 DLI	20 A	50	1312600000
Q 4 DLI	20 A	50	1312700000
Q 10 DLI	20 A	20	1313100000
Width			
AP DLI2.5 DB	1.5 mm	20	1783550000
EW 35	8.5 mm	50	0383560000
SDS 0.6X3.5X100		1	9008330000
TSCH 1	2 mm	100	0319160000

DEK 5/6
TEAP DLD2.5/PE DB partial end plate, Order no. 1783810000 (20 pcs.)

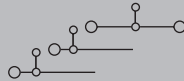
**DLI 2.5**

**2.5 mm<sup>2</sup>**

Initiator connection (signal,+,-)



6.1 x 66 x 49  
26 / 4  
0.13...4



IEC 60947-7-1

IEC	UL	CSA
250	300 (D)	300 (C)
24	10 (D)	10 (C)
2.5	AWG 22...12	AWG 26...12
4 kV / 3		
A3 / V-0		



**Rated connection**

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
7 / 0.6 x 3.5 mm

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped.

Type	Qty.	Order No.
DLI 2.5 DB	100	1783820000

Type	current	Qty.	Order No.
Q 2 DLI	20 A	50	1312500000
Q 3 DLI	20 A	50	1312600000
Q 4 DLI	20 A	50	1312700000
Q 10 DLI	20 A	20	1313100000
<b>Width</b>			
AP DLI2.5 DB	1.5 mm	20	1783550000
EW 35	8.5 mm	50	0383560000
SDS 0.6X3.5X100		1	9008330000
TSCH 1	2 mm	100	0319160000

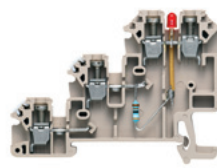
DEK 5/6

StB 8.5 socket in upper busbar (together with PS 2.3 test plug)

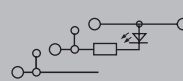
**DLI 2.5 LD PNP**

**2.5 mm<sup>2</sup>**

Initiator connection with LED



6.1 x 66 x 49  
24 / 4  
0.13...4



IEC 60947-7-1

IEC	UL	CSA
30	30 (C)	30 (C)
24	10 (C)	10 (C)
2.5	AWG 22...12	AWG 26...12
0.8 kV / 3		
A3 / V-0		



30 / 5

**Rated connection**

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
DLI 2.5/LD-RT/PNP +- DB	100	1783980000
DLI 2.5/LD-GN/PNP +- DB	100	1783970000

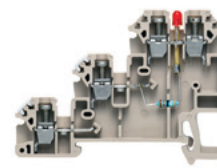
Type	current	Qty.	Order No.
Q 2 DLI	20 A	50	1312500000
Q 3 DLI	20 A	50	1312600000
Q 4 DLI	20 A	50	1312700000
Q 10 DLI	20 A	20	1313100000
<b>Width</b>			
AP DLI2.5 DB	1.5 mm	20	1783550000
EW 35	8.5 mm	50	0383560000
SDS 0.6X3.5X100		1	9008330000
TSCH 1	2 mm	100	0319160000

DEK 5/6

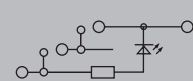
**DLI 2.5 LD NPN**

**2.5 mm<sup>2</sup>**

Initiator connection with LED



6.1 x 66 x 49  
24 / 4  
0.13...4



IEC 60947-7-1

IEC	UL	CSA
30	30 (C)	30 (C)
24	10 (C)	10 (C)
2.5	AWG 22...12	AWG 26...12
0.8 kV / 3		
A3 / V-0		



30 / 5

**Rated connection**

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
DLI 2.5/LD-RT/NPN +- DB	100	1783950000
DLI 2.5/LD-GN/NPN +- DB	100	1783940000

Type	current	Qty.	Order No.
Q 2 DLI	20 A	50	1312500000
Q 3 DLI	20 A	50	1312600000
Q 4 DLI	20 A	50	1312700000
Q 10 DLI	20 A	20	1313100000
<b>Width</b>			
AP DLI2.5 DB	1.5 mm	20	1783550000
EW 35	8.5 mm	50	0383560000
SDS 0.6X3.5X100		1	9008330000
TSCH 1	2 mm	100	0319160000

DEK 5/6

## Initiator and actuator terminals

Time- and space-saving wiring for initiators and actuators. All the connections for initiator and actuator are in one terminal.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

## Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Electronic fixtures	
Component voltage / Component current	V/A
Operating voltage for display, max. / Current	V/A
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
Note	

## Ordering data

Version	
	Dark beige Wemid
	Dark beige Wemid (red LED)
	Dark beige Wemid (green LED)
Note	

## Accessories

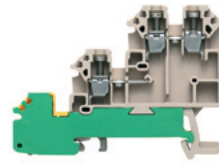
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Small partition	
	Small partition

Identification systems	
	(see assortment in catalogue 7)
	Marking tags
Note	

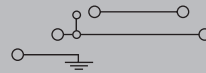
## DLA 2.5

2.5 mm<sup>2</sup>

Actuator connection (signal, -PE)



6.1 x 65 x 49  
26 / 4  
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
250	300 (D)	300 (D)
17.5	10 (D)	10 (D)
2.5	AWG 22...12	AWG 26...12
4 kV / 3		
A3 / V-0		



## Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
7 / 0.6 x 3.5 mm

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

Type	Qty.	Order No.
DLA 2.5 DB	100	1783560000

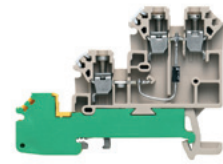
Type	current	Qty.	Order No.
Q 2 DLI	20 A	50	1312500000
Q 3 DLI	20 A	50	1312600000
Q 4 DLI	20 A	50	1312700000
Q 10 DLI	20 A	20	1313100000
Width			
AP DLI2.5 DB	1.5 mm	20	1783550000
EW 35	8.5 mm	50	0383560000
SDS 0.6X3.5X100		1	9008330000
TSCH 1	2 mm	100	0319160000

DEK 5/6

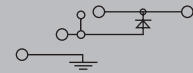
## DLA 2.5/D

2.5 mm<sup>2</sup>

Actuator connection (circuit with diode)



6.1 x 66 x 49  
17.5 / 4  
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
250	300 (D)	300 (D)
17.5	10 (D)	10 (D)
2.5	AWG 22...12	AWG 26...12
4 kV / 3		
A3 / V-0		



## Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
7 / 0.6 x 3.5 mm

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

Type	Qty.	Order No.
DLA 2.5/D DB	100	1783590000

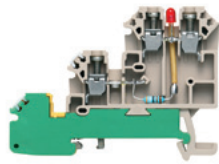
Type	current	Qty.	Order No.
Q 2 DLI	20 A	50	1312500000
Q 3 DLI	20 A	50	1312600000
Q 4 DLI	20 A	50	1312700000
Q 10 DLI	20 A	20	1313100000
Width			
AP DLI2.5 DB	1.5 mm	20	1783550000
EW 35	8.5 mm	50	0383560000
SDS 0.6X3.5X100		1	9008330000
TSCH 1	2 mm	100	0319160000

DEK 5/6

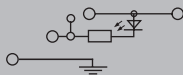
**DLA 2.5/LD**

**2.5 mm<sup>2</sup>**

Actuator connection with LED



6.1 x 66 x 49  
**17.5 / 4**  
**0.13...4**



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
30	30 (C)	30 (C)
17.5	10 (C)	10 (C)
2.5	AWG 22...12	AWG 26...12
0.8 kV / 3		
A3 / V-0		



30 / 5

**Rated connection**

0.5...4 / 1.5...4  
 0.5...4 / 0.5...2.5  
 0.4...0.6 Nm (M 2.5)  
 7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
DLA 2.5/LD-RT DB	100	<b>1783600000</b>

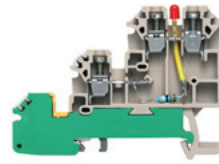
Type	current	Qty.	Order No.
Q 2 DLI	20 A	50	<b>1312500000</b>
Q 3 DLI	20 A	50	<b>1312600000</b>
Q 4 DLI	20 A	50	<b>1312700000</b>
Q 10 DLI	20 A	20	<b>1313100000</b>
<b>Width</b>			
AP DLI2.5 DB	1.5 mm	20	<b>1783550000</b>
EW 35	8.5 mm	50	<b>0383560000</b>
SDS 0.6X3.5X100		1	<b>9008330000</b>
TSCH 1	2 mm	100	<b>0319160000</b>

DEK 5/6

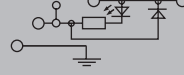
**DLA 2.5/LD/D**

**2.5 mm<sup>2</sup>**

Actuator connection with LED



6.1 x 66 x 49  
**17.5 / 4**  
**0.13...4**



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
30	30 (C)	30 (C)
	10 (C)	10 (C)
2.5	AWG 22...12	AWG 26...12
0.8 kV / 3		
A3 / V-0		



1000 / 1

30 / 5

**Rated connection**

0.5...4 / 1.5...4  
 0.5...4 / 0.5...2.5  
 0.4...0.6 Nm (M 2.5)  
 7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
DLA 2.5/LD-GN/D DB	100	<b>1783630000</b>

Type	current	Qty.	Order No.
Q 2 DLI	20 A	50	<b>1312500000</b>
Q 3 DLI	20 A	50	<b>1312600000</b>
Q 4 DLI	20 A	50	<b>1312700000</b>
Q 10 DLI	20 A	20	<b>1313100000</b>
<b>Width</b>			
AP DLI2.5 DB	1.5 mm	20	<b>1783550000</b>
EW 35	8.5 mm	50	<b>0383560000</b>
SDS 0.6X3.5X100		1	<b>9008330000</b>
TSCH 1	2 mm	100	<b>0319160000</b>

DEK 5/6

**Motor connection terminals**

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

**Technical data**

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
Note	

**Ordering data**

Version	Dark beige Wemid With PE foot
Note	

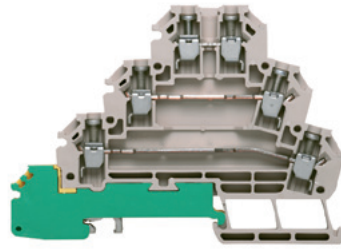
**Accessories**

End plate / Partition plate	Dark beige PA
End bracket	Dark beige Wemid
Screwdriver	Standard
Cross-connection	black blue red

Identification systems	(see assortment in catalogue 7) Marking tags
Note	

**MAK 2.5**

**2.5 mm<sup>2</sup>**



6.2 x 88 x 64	
<b>31 / 4</b>	
<b>0.13...4</b>	

IEC	UL	CSA
500	300 (D)	300 (C)
24	10 (D)	10 (C)
2.5	AWG 22...12	AWG 26...12
6 kV / 3		
A3 / V-0		
® 94		
Rated connection		
0.5...4 / 0.5...4		
0.5...4 / 0.5...2.5		
0.4...0.6 Nm (M 2.5)		
8 / 0.6 x 3.5 mm		

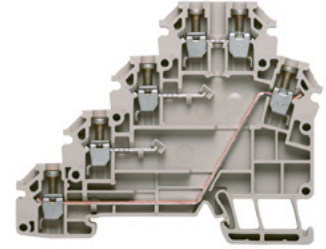
Type	Qty.	Order No.
MAK 2.5 DB	50	<b>7917030000</b>

Type	Width	Qty.	Order No.
AP MAK2.5 DB	1.5 mm	20	<b>7917000000</b>
WEW 35/1	12 mm	50	<b>1059000000</b>
SDIS 0.6X3.5X100		1	<b>9008390000</b>
current			
VQB 1.5/50 SW	17.5 A	5	<b>1635120000</b>
VQB 1.5/50 BL	17.5 A	5	<b>1633280000</b>
VQB 1.5/50 RT	17.5 A	5	<b>1633290000</b>

Identification systems	(see assortment in catalogue 7) Marking tags
Note	

**VLI 1.5**

**1.5 mm<sup>2</sup>**



6.15 x 69 x 64	
<b>24 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-1 (-7-2)		
IEC	UL	CSA
250	300 (D)	
17.5	10 (D)	
1.5	AWG 26...12	
4 kV / 3		
A3 / V-0		
94		
Rated connection		
0.5...4 / 0.5...2.5		
0.5...4 / 0.5...2.5		
0.4...0.6 Nm (M 2.5)		
8 / 0.6 x 3.5 mm		

Type	Qty.	Order No.
VLI 1.5 DB	50	<b>1784120000</b>
VLI 1.5/PE DB	50	<b>1784130000</b>

Type	Width	Qty.	Order No.
AP VLI1.5 DB	1.5 mm	20	<b>1784150000</b>
WEW 35/1	12 mm	50	<b>1059000000</b>
SDIS 0.6X3.5X100		1	<b>9008390000</b>
current			
VQB 1.5/50 SW	17.5 A	5	<b>1635120000</b>
VQB 1.5/50 BL	17.5 A	5	<b>1633280000</b>
VQB 1.5/50 RT	17.5 A	5	<b>1633290000</b>

Identification systems	(see assortment in catalogue 7) Marking tags
Note	





## Plug-in modular terminals

### Spade connection

Terminals with cable-lugs acc. to EN 61210 / VDE 0613-6.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

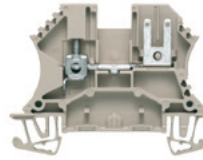
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Cover	
	With lightning flash symbol
	Blank, white

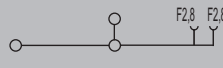
Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	

### WDU 2.5 F


2.5 mm<sup>2</sup>

#### Spade connection right



5.1 x 60 x 47	
12 / 4	
0.13...4	

IEC 60947-7-1, IEC 61210

IEC	UL	CSA
500	300 (C)	300 (C)
12	16 (C)	10 (C)
2.5	AWG 22...12	AWG 26...12
6 kV / 3		
A3 / V-0		
		
Rated connection		Further connection
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.4...0.8 Nm (M 2.5)		
10 / 0.6 x 3.5 mm		
0.5...1.5		
0.5...1.5 / 0.5...1.5		
Note		
With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm <sup>2</sup> conductor.		

Type	Qty.	Order No.
WDU 2.5 F 2X2.8	100	1021800000
Note		
2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).		

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
Width			
WEW 35/2	8 mm	100	1061200000
Width			
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000

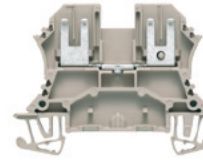
Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
Width			
WEW 35/2	8 mm	100	1061200000
Width			
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000

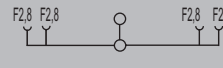
Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
Width			
WEW 35/2	8 mm	100	1061200000
Width			
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000

### WDU 2.5 FF 2\*2.8


1 mm<sup>2</sup>

#### Spade connection left and right



5.1 x 60 x 47	
12 / 1	
...1	

IEC 60947-7-1, IEC 61210

IEC	UL	CSA
500	300 (C)	300 (C)
12	16 (C)	10 (C)
1	AWG 22...12	AWG 26...12
6 kV / 3		
/ V-0		
		
Rated connection		Further connection
Note		
With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm <sup>2</sup> conductor.		

Type	Qty.	Order No.
WDU 2.5 FF 2X2.8	100	1021900000
Note		
Technical data refers to the 2.8 mm cable-lug connector with 1 mm <sup>2</sup> wire.		

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
Width			
WEW 35/2	8 mm	100	1061200000
Width			
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000

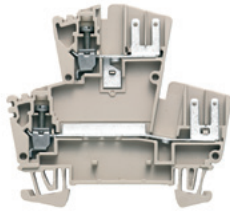
Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
Width			
WEW 35/2	8 mm	100	1061200000
Width			
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
Width			
WEW 35/2	8 mm	100	1061200000
Width			
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000

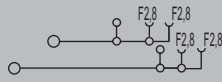
**WDK 2.5 F**

**2.5 mm<sup>2</sup>**

Spade connection right



5.1 x 69.5 x 63  
12 / 4  
0.13...4



IEC 60947-7-1, IEC 61210

IEC	UL	CSA
400	300 (C)	300 (C)
12	10 (C)	10 (C)
2.5	AWG 22...12	AWG 26...12
6 kV / 3		
A3 / V-0		



Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm <sup>2</sup> conductor.	

Type	Qty.	Order No.
WDK 2.5 F	100	1021600000
WDK 2.5 F BL	100	1021680000
2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).		

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP WDK2.5	1.5 mm	20	1059100000
WAP WDK2.5 BL	1.5 mm	20	1059180000
WTW EN	3 mm	20	1058800000
WEW 35/2	8 mm	100	1061200000
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000

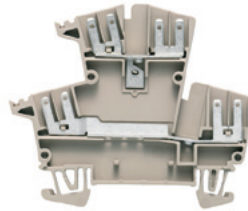
DEK 5/5 / WS 8/5

Insulating sleeve for cable-lug connector, 2.8 mm, Order no. 0386060000

**WDK 2.5 FF**

**1 mm<sup>2</sup>**

Spade connection left and right



5.1 x 75.5 x 63  
12 / 1  
...1



IEC 60947-7-1, IEC 61210

IEC	UL	CSA
400	300 (C)	300 (C)
12	10 (C)	10 (C)
1	AWG 22...14	AWG 26...12
6 kV / 3		
/ V-0		



Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm <sup>2</sup> conductor.	

Type	Qty.	Order No.
WDK 2.5 FF	100	1021700000
2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).		

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP WDK2.5	1.5 mm	20	1059100000
WAP WDK2.5 BL	1.5 mm	20	1059180000
WTW EN	3 mm	20	1058800000
WEW 35/2	8 mm	100	1061200000
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000

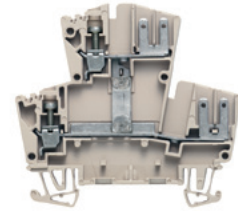
DEK 5/5 / WS 8/5

Insulating sleeve for cable-lug connector, 2.8 mm, Order no. 0386060000

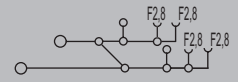
**WDK 2.5 FV**

**2.5 mm<sup>2</sup>**

Spade connection right, both levels at one potential



5.1 x 69.5 x 63  
12 / 4  
0.13...4



IEC 60947-7-1, IEC 61210

IEC	UL	CSA
400	300 (C)	300 (C)
12	10 (C)	10 (C)
2.5	AWG 22...12	AWG 26...12
6 kV / 3		
A3 / V-0		



Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm <sup>2</sup> conductor.	

Type	Qty.	Order No.
WDK 2.5 FV	100	1022400000
2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).		

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP WDK2.5	1.5 mm	20	1059100000
WAP WDK2.5 BL	1.5 mm	20	1059180000
WTW EN	3 mm	20	1058800000
WEW 35/2	8 mm	100	1061200000
WAD 4 GE BED	4.5 mm	50	1072000000
WAD 4 WS	4.5 mm	50	1072100000

DEK 5/5 / WS 8/5

Insulating sleeve for cable-lug connector, 2.8 mm, Order no. 0386060000

## Plug-in modular terminals

### Plug-in connection

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>


### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Note	

### Ordering data

Version	Dark beige Wemid
Note	

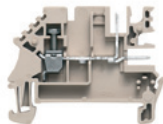
### Accessories

Pluggable cross-connection	
	10-pole 2-pole 3-pole 4-pole
End plate / Partition plate	
	With assembly peg Without peg
End bracket	
	Dark beige Wemid
Mounting block for socket connector	
	With assembly peg Without peg
Socket blocks	
	4-pole 6-pole 8-pole (with lateral dovetail) 4-pole (with lateral dovetail) 6-pole (with lateral dovetail) 8-pole
Coding	
	Coding element
Miscellaneous accessories	
	Cover for unused pins
Identification systems	
	(see assortment in catalogue 7) Marking tags
Note	

### WDU 1.5 BLZ 5.08 WQV

1.5 mm<sup>2</sup>

#### Screwable cross-connection



5.08 x 49 x 37.5	WQV	BLZ 5.08	BLZ 5.08
16 / 4			
0.13...4			

IEC 60947-7-1, IEC 61984

IEC	UL	CSA
250	300 (D)	300 (C)
16	10 (D)	10 (C)
1.5	AWG 22...12	AWG 26...12
4 kV / 3		
A3 / V-0		

®	
Rated connection	Plug-in connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	0.5/ 0.5...2.5
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	

0.5...1.5
0.5...1.5 / 0.5...1.5

Size with BLZ female header: L=57.5 mm/H=55.5 mm 2.5 mm<sup>2</sup> conductor w. ferrule with plastic collar, only with Order no. 1333100000 (500 pieces).

Type	Qty.	Order No.
WDU 1.5/BLZ 5.08	100	1577340000
WDU 1.5 BLA Order no. 1577260000 (100 pcs.). Techn. data same as WDU 1.5 BLZ.		

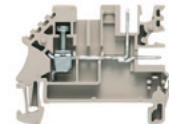
Type	current	Qty.	Order No.
Width			
WAP WDU1.5/BLZ/ZA	2.5 mm	50	1577320000
WAP WDU1.5/BLZ	2.5 mm	50	1577330000
WEW 35/2	8 mm	100	1061200000
WBB ZA WDU1.5/BL 10/10	5 mm	10	1068260000
WBB WDU1.5/BL...	5 mm	10	1068160000

DEK 5/5 / WS 12/5
Both sides of the WBB can be directly mounted using assembly pins (order number 1068260000).

### WDU 1.5 BLZ 5.08 ZQV

1.5 mm<sup>2</sup>

#### Plug-in cross-connection



5.08 x 49 x 37.5	ZQV	BLZ 5.08	BLZ 5.08
16 / 4			
0.13...4			

IEC 60947-7-1, IEC 61984

IEC	UL	CSA
250		
16		
1.5		
4 kV / 3		
A3 / V-0		

®	
Rated connection	Plug-in connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	0.5/ 0.5...2.5
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	

0.5...1.5
0.5...1.5 / 0.5...1.5

Size with BLZ female header: L=57.5 mm/H=55.5 mm 2.5 mm<sup>2</sup> conductor w. ferrule with plastic collar, only with Order no. 1333100000 (500 pieces).

Type	Qty.	Order No.
WDU 1.5/ZQV/BLZ 5.08	100	1784460000

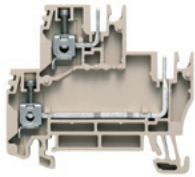
Type	current	Qty.	Order No.
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
Width			
WAP WDU1.5/BLZ/ZA	2.5 mm	50	1577320000
WAP WDU1.5/BLZ	2.5 mm	50	1577330000
WEW 35/1	12 mm	50	1059000000
WBB ZA WDU1.5/BL 10/10	5 mm	10	1068260000
WBB WDU1.5/BL...	5 mm	10	1068160000
BLZ 5.08/04/180 SN OR BX		100	1526660000
BLZ 5.08/06/180 SN OR BX		50	1526860000
BLZ 5.08/08/180 SN OR BX		50	1527060000
BLZ 5.08/04/180B SN OR BX		100	1528960000
BLZ 5.08/06/180B SN OR BX		50	1529160000
BLZ 5.08/08/180B SN OR BX		50	1529360000
BLZ/SL KO SW		50	1545710000
WAD WDU1.5/BLZ/BLA	9.48 mm	20	1577400000

DEK 5/5 / WS 12/5
Both sides of the WBB can be directly mounted using assembly pins (order number 1068260000).

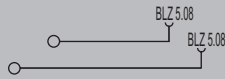
**WDK 2.5 BLZ/5.08**

**2.5 mm<sup>2</sup>**

Double terminal pitch 5.08



5.08 x 58 x 53  
**18 / 4**  
**0.13...4**



IEC 60947-7-1, IEC 61984

IEC	UL	CSA
250	300 (D)	300 (D)
16.5	10 (D)	24 (D)
2.5	AWG 26...12	AWG 26...12
4 kV / 3		
A3 / V-0		

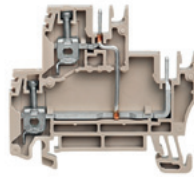


Rated connection	Plug-in connection
0.5...4 / 1.5...2.5	
0.5...4 / 0.5...2.5	0.5/ 0.5...2.5
(M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
Size with BLZ female header: length 58 mm / height 63.5 mm	

Type	Qty.	Order No.
WDK 2.5/BLZ/5.08/ZA	100	<b>1034400000</b>
2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).		

**WDK 2.5 BLZ/5.08/ZA V**

**2.5 mm<sup>2</sup>**



5.08 x 58 x 53  
**18 / 4**  
**0.13...4**

IEC 60947-7-1, IEC 61984

IEC	UL	CSA
250		
16.5		
2.5		
4 kV / 3		
A3 / V-0		

Rated connection	Plug-in connection
0.5...4 / 1.5...2.5	
0.5...4 / 0.5...2.5	0.5/ 0.5...2.5
(M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDK 2.5/BLZ/5.08/ZA V	100	<b>1027410000</b>

Type	current	Qty.	Order No.
<b>Width</b>			
WAP WDK2.5/BLZ/M.ZA	5.08 mm	20	<b>1070100000</b>
WAP WDK2.5/BLZ/O.ZA	5.08 mm	20	<b>1070000000</b>
WEW 35/1	12 mm	50	<b>1059000000</b>
WBB ZA WDK2.5/BL5.08	5 mm	10	<b>1072760000</b>
WBB WDK2.5/BL5.08	5 mm	10	<b>1072660000</b>
BLZ 5.08/04/180 SN OR BX		100	<b>1526660000</b>
BLZ 5.08/06/180 SN OR BX		50	<b>1526860000</b>
BLZ 5.08/08/180 SN OR BX		50	<b>1527060000</b>
BLZ 5.08/04/180B SN OR BX		100	<b>1528960000</b>
BLZ 5.08/06/180B SN OR BX		50	<b>1529160000</b>
BLZ 5.08/08/180B SN OR BX		50	<b>1529360000</b>
BLZ/SL KO SW		50	<b>1545710000</b>
WAD WDU1.5/BLZ/BLA	9.48 mm	20	<b>1577400000</b>

Type	current	Qty.	Order No.
<b>Width</b>			
WAP WDK2.5/BLZ/M.ZA	5.08 mm	20	<b>1070100000</b>
WAP WDK2.5/BLZ/O.ZA	5.08 mm	20	<b>1070000000</b>
WEW 35/1	12 mm	50	<b>1059000000</b>
WBB ZA WDK2.5/BL5.08	5 mm	10	<b>1072760000</b>
WBB WDK2.5/BL5.08	5 mm	10	<b>1072660000</b>
BLZ 5.08/04/180 SN OR BX		100	<b>1526660000</b>
BLZ 5.08/06/180 SN OR BX		50	<b>1526860000</b>
BLZ 5.08/08/180 SN OR BX		50	<b>1527060000</b>
BLZ 5.08/04/180B SN OR BX		100	<b>1528960000</b>
BLZ 5.08/06/180B SN OR BX		50	<b>1529160000</b>
BLZ 5.08/08/180B SN OR BX		50	<b>1529360000</b>
BLZ/SL KO SW		50	<b>1545710000</b>
WAD WDU1.5/BLZ/BLA	9.48 mm	20	<b>1577400000</b>

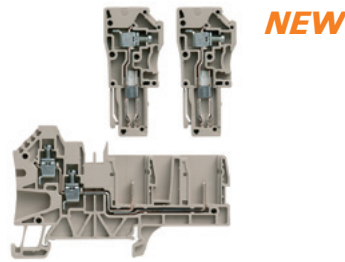
DEK 5/5 / WS 8/5

External cross-connection WQB A, refer to the W-Series accessories section, "Potential distribution".

DEK 5/5 / WS 8/5

## Plug-in modular terminals

WT4 4 AN/2

4 mm<sup>2</sup>

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

6.1 x 84.3 x 50.7  
/ 6  
0.5...6



## Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-

## Note

## Ordering data

Version	
	Dark beige Wemid
Note	

## Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Miscellaneous accessories WeiCoS	
	Locking element
	Coding element
	Strain relief
Screwdriver	
	Standard
Plug-in connector	

IEC	UL	CSA
800	600 (C)	
32	30 (C)	
4	AWG 26...10	
	8 kV / 3	
	A4 / V-0	
Rated connection		
0.5...6 / 0.5...6		
0.5...4 / 0.5...4		
Further connection		
/ 0.6 x 3.5 mm		

Type	Qty.	Order No.
WT4 4AN/2	50	1107680000

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
Width			
WAP WT4/4AN/2	1.5 mm	50	1107780000
WEW 35/2	8 mm	100	1061200000
ZVR ZP4	5.5 mm	25	1855250000
KOSF ZT4	5.4 mm	50	1856860000
ZZE ZP4	12.5 mm	25	1855260000
SDS 0.6X3.5X100		1	9008330000
WP4/1AN/1		50	1107790000
WP4/1AN/1 ZA		50	1108490000
WP4/1AN/10		10	1107800000

Identification systems	(see assortment in catalogue 7)
	Marking tags

## Note

DEK 5/6



# WMF marshalling terminals

## Multi-function terminal block products for marshalling signals

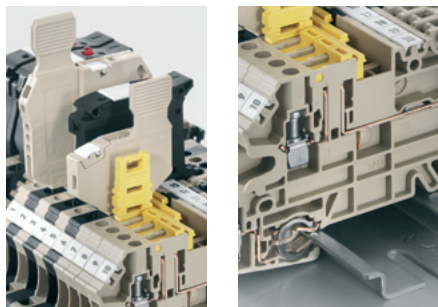
In process control systems for facilities in the process and power generation sectors, incoming signals from field devices are often connected with terminal blocks within marshalling cabinets. Terminal blocks are used despite the existence of alternative technologies such as Remote I/O and Fieldbus. This is mainly because they offer a robust and simple connection system, and can be clearly labelled for orderly installation.

### D

Weidmüller's new WMF (Weidmüller Multi-Functional) line of terminal blocks provides a multi-functional solution for marshalling signals. This space-saving terminal block combines all the necessary functionality into a single solution. It features an integrated shield connection and can be used with feed-through, fuse and disconnect functionality. The three cross-connection channels and wide variety of labelling options offer additional flexibility.

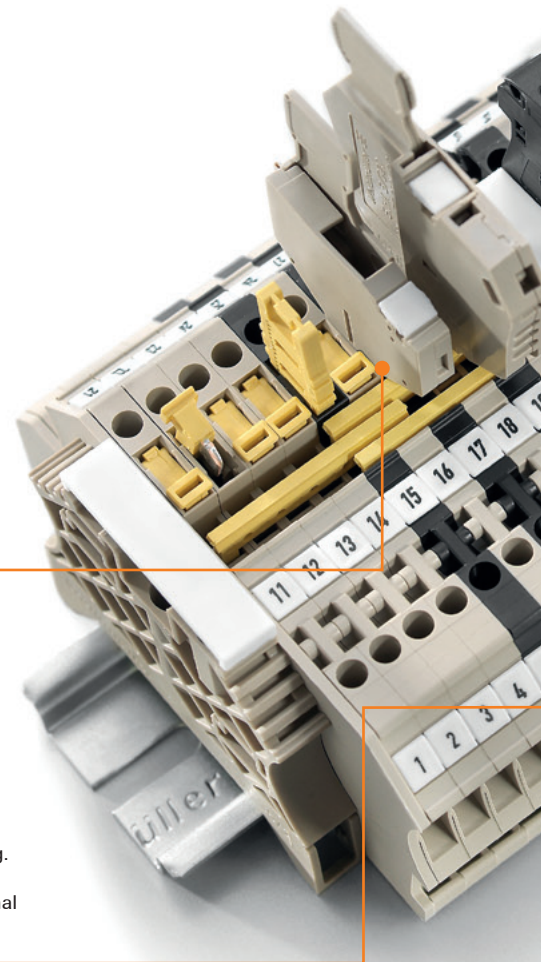
### A solution to fit any scenario

Feed-through, fuse and disconnect functions, and even an integrated shield connection: all the required functions are combined together in this design.



### Saves space in the switching cabinet

The 5 mm width allows for high-density wiring. The integrated shield/PE connection replaces the shield-connection devices or the PE terminal blocks.





**Fuse is convenient to replace**

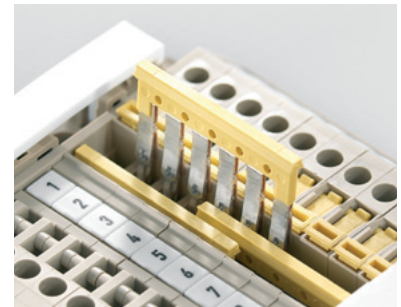
The new design of the fuse holder includes a hinged fuse carrier – this enables the fuse to be replaced quickly and reliably.

**Optional LED status indicator**

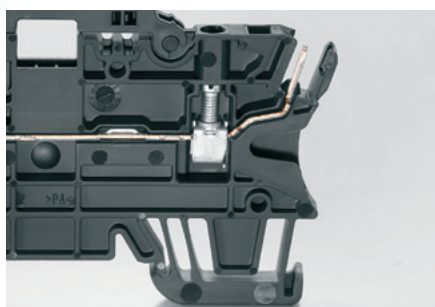
Easy identification during troubleshooting and no interference signals in control circuit – because of optional bright LED status display and minimal leakage current (less than 0.5 mA).

**Cross-connection channels**

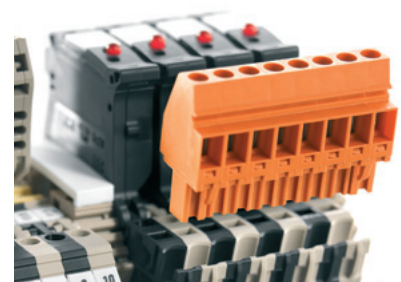
The WMF terminal block has three cross-connection channels; they are a very flexible solution for bundling and looping through of potentials. The standard ZQV cross-connections can be used to join both the neutral wire and also a shielded potential voltage across a large number of poles.

**Global reliability**

Weidmüller's proven screw-connection mechanism guarantees that the product will be easy to operate, recognise, and maintain anywhere throughout the world.

**Marshalling with Plug & Play**

Instead of using a screw connection to contact each signal at the routing levels, pre-assembled cable sets with BLZ mating profiles are used. This saves you valuable wiring time in the field.



## Multi-functional terminals

### Multi-functional terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>


#### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
Note	

#### Ordering data

Version	Dark beige Wemid Blue Wemid
Note	

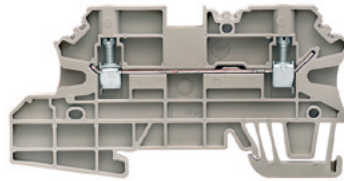
#### Accessories

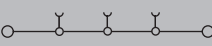
Pluggable cross-connection	
	2-pole 3-pole 4-pole 10-pole 20-/24-pole
End plate / Partition plate	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Holder for cartridge fuse 5 x 20mm	
	400 V AC/DC, without LED 10 - 36 V AC/DC, red LED 140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings with wire jumper With 1N4007 diode
Disconnect plug	
	removable, as replacement for release lever
Identification systems	
	(see assortment in catalogue 7) Marking tags
Note	

### WMF 2.5

2.5 mm<sup>2</sup>

**NEW**



5.08 x 88 x 45	
<b>32 / 4</b>	
<b>0.5...4</b>	

IEC	UL	CSA
800	600 (C)	600 (C)
24	20 (C)	26 (C)
2.5	AWG 26...12	AWG 26...12
8 kV / 3		
A3 / V-0		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.5...0.6 Nm (M 3)		
10 / 0.6 x 3.5 mm		

Type	Qty.	Order No.
WMF 2.5	50	1143070000
WMF 2.5 BL	50	1270040000

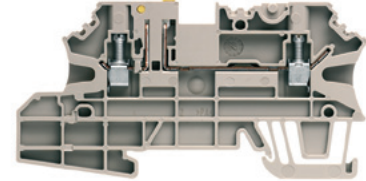
Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
AP WMF2.5	1.5 mm	50	1142990000
WEW 35/2			
	8 mm	100	1061200000
SDS 0.6X3.5X100			
		1	9008330000
SIHA 3/G20			
	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V			
	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V			
	5.95 mm	25	7921600000
FUCR SW			
	8 mm	10	1167630000
FUCR 10-36V SW			
	8 mm	10	1167640000
FUCR 100-250V SW			
	8 mm	10	1167680000
BEST/DRBR			
	5.1 mm	50	1878570000
BEST/D			
	5.1 mm	50	1878560000

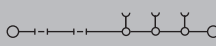
DEK 5/5 / WS 10/5
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### WMF 2.5 DI

2.5 mm<sup>2</sup>

**NEW**



5.08 x 88 x 45	
<b>20 / 4</b>	
<b>0.5...4</b>	

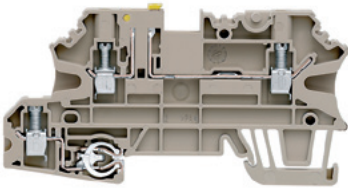
IEC	UL	CSA
500	600 (C)	
20	19 (C)	
2.5	AWG 26...12	
8 kV / 3		
A3 / V-0		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.5...0.6 Nm (M 3)		
10 / 0.6 x 3.5 mm		

Type	Qty.	Order No.
WMF 2.5 DI	50	1143020000
WMF 2.5 DI BL	50	1270070000

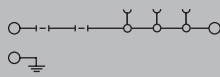
Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
AP WMF2.5	1.5 mm	50	1142990000
WEW 35/2			
	8 mm	100	1061200000
SDS 0.6X3.5X100			
		1	9008330000
SIHA 3/G20			
	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V			
	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V			
	5.95 mm	25	7921600000
FUCR SW			
	8 mm	10	1167630000
FUCR 10-36V SW			
	8 mm	10	1167640000
FUCR 100-250V SW			
	8 mm	10	1167680000
BEST/DRBR			
	5.1 mm	50	1878570000
BEST/D			
	5.1 mm	50	1878560000

DEK 5/5 / WS 10/5
-------------------

WMF 2.5 DI PE

2.5 mm<sup>2</sup>**NEW**

5.08 x 88 x 45  
**20 / 4**  
**0.5...4**



IEC	UL	CSA
250	600 (C)	
20	19 (C)	
2.5	AWG 26...12	
8 kV / 3		
A3 / V-0		

**Rated connection**

0.5...4 / 1.5...4

0.5...4 / 0.5...2.5

0.5...0.6 Nm (M 3)

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WMF 2.5 DI PE	50	1143030000
WMF 2.5 DI PE BL	50	1270080000

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
AP WMF2.5	1.5 mm	50	1142990000
WEW 35/1	12 mm	50	1059000000
SDS 0.6X3.5X100		1	9008330000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
FUCR SW	8 mm	10	1167630000
FUCR 10-36V SW	8 mm	10	1167640000
FUCR 100-250V SW	8 mm	10	1167680000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000

DEK 5/5 / WS 10/5

## Multi-functional terminals

## Multi-functional terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

## Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	
mm/-	
Note	

## Ordering data

Version	Black Wemid
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	100 - 250 V AC/DC, with LED
Note	

## Accessories

Pluggable cross-connection	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	Dark beige Wemid
End bracket	Dark beige Wemid
Screwdriver	Standard
Holder for cartridge fuse 5 x 20mm	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	removable, as replacement for release lever
Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	

## WMF 2.5 FU

2.5 mm<sup>2</sup>

NEW

5.08 x 88 x 74.5  
6.3 / 4  
0.5...4



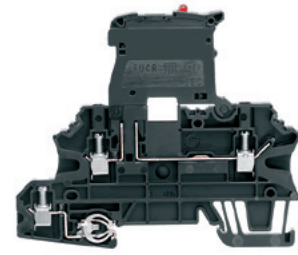
IEC	UL	CSA
250	600 (C)	600 (C)
6.3	17 (C)	17 (C)
2.5	AWG 26...12	AWG 26...12
8 kV / 3		
A3 / V-0		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.5...0.6 Nm (M 3)		
10 / 0.6 x 3.5 mm		
Note		

Type	Qty.	Order No.
WMF 2.5 FU SW	50	1162920000
WMF 2.5 FU 10-36V SW	50	1162930000
WMF 2.5 FU 30-70V SW	50	1162940000
WMF 2.5 FU 60-150V SW	50	1162950000
WMF 2.5 FU 100-250V SW	50	1162960000
The WMF FU terminals may not be aligned directly under one another.		

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
AP WMF2.5	1.5 mm	50	1142990000
WEW 35/2	8 mm	100	1061200000
SDS 0.6X3.5X100		1	9008330000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
FUCR SW	8 mm	10	1167630000
FUCR 10-36V SW	8 mm	10	1167640000
FUCR 100-250V SW	8 mm	10	1167680000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000
Note			

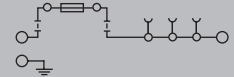
DEK 5/5 / WS 10/5

## WMF 2.5 FU PE

2.5 mm<sup>2</sup>

NEW

5.08 x 88 x 74.5  
6.3 / 4  
0.5...4



IEC	UL	CSA
250	600 (C)	600 (C)
6.3	17 (C)	17 (C)
2.5	AWG 26...12	AWG 26...12
8 kV / 3		
A3 / V-0		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.5...0.6 Nm (M 3)		
10 / 0.6 x 3.5 mm		
Note		

Type	Qty.	Order No.
WMF 2.5 FU PE SW	50	1163040000
WMF 2.5 FU PE 10-36V SW	50	1163050000
WMF 2.5 FU PE 30-70V SW	50	1163060000
WMF 2.5 FU PE 60-150V SW	50	1163070000
WMF 2.5 FU PE 100-250V SW	50	1163080000
The WMF FU terminals may not be aligned directly under one another.		

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
AP WMF2.5	1.5 mm	50	1142990000
WEW 35/2	8 mm	100	1061200000
SDS 0.6X3.5X100		1	9008330000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
FUCR SW	8 mm	10	1167630000
FUCR 10-36V SW	8 mm	10	1167640000
FUCR 100-250V SW	8 mm	10	1167680000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000
Note			

DEK 5/5 / WS 10/5



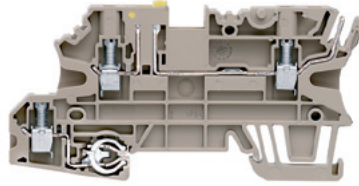
## Multi-functional terminals

## Multi-functional terminals

WMF 2.5 DI BLZ PE

2.5 mm<sup>2</sup>

NEW



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

5.08 x 90 x 45	BLZ 5.08
20 / 4	
0.5...4	

## Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
Note	

IEC	UL	CSA
250	300 (D)	300 (D)
20	10 (D)	10 (D)
2.5	AWG 26...12	AWG 26...12
8 kV / 3		
A3 / V-0		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.5...0.6 Nm (M 3)		
10 / 0.6 x 3.5 mm		
With BLZ plug the nominal current is reduced to 15.5 A.		

## Ordering data

Version	Dark beige Wemid
Note	

Type	Qty.	Order No.
WMF 2.5 DI BLZ PE	50	1143010000

## Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Holder for cartridge fuse 5 x 20mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	removable, as replacement for release lever
Identification systems	
	(see assortment in catalogue 7)
	Marking tags
Note	

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
AP WMF2.5	1.5 mm	50	1142990000
WEW 35/1	12 mm	50	1059000000
SDS 0.6X3.5X100		1	9008330000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
FUCR SW	8 mm	10	1167630000
FUCR 10-36V SW	8 mm	10	1167640000
FUCR 100-250V SW	8 mm	10	1167680000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000

DEK 5/5 / WS 10/5
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Multi-functional terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
Note	

Ordering data

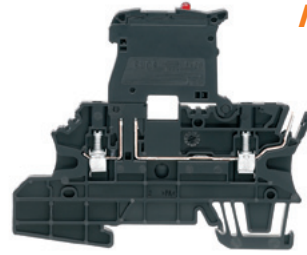
Version	
	Black Wemid
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	100 - 250 V AC/DC, with LED
Note	

Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Holder for cartridge fuse 5 x 20mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	removable, as replacement for release lever
Identification systems	
	(see assortment in catalogue 7)
	Marking tags
Note	

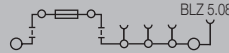
WMF 2.5 FU BLZ

2.5 mm<sup>2</sup>



NEW

5.08 x 90 x 74.5
6.3 / 4
0.5...4



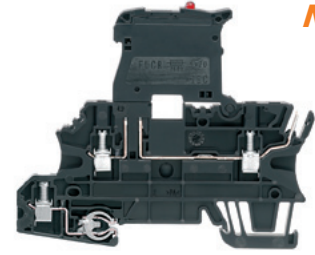
IEC	UL	CSA
250	300 (D)	300 (D)
6.3	10 (D)	10 (D)
2.5	AWG 26...12	AWG 26...12
8 kV / 3		
A3 / V-0		
Rated connection		Further connection
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.5...0.6 Nm (M 3)		
10 / 0.6 x 3.5 mm		
Note		

Type	Qty.	Order No.
WMF 2.5 FU BLZ SW	50	1162980000
WMF 2.5 FU BLZ 10-36V SW	50	1162990000
WMF 2.5 FU BLZ 30-70V SW	50	1163000000
WMF 2.5 FU BLZ 60-150V SW	50	1163010000
WMF 2.5 FU BLZ 100-250V SW	50	1163020000
Note		

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
AP WMF2.5	1.5 mm	50	1142990000
WEW 35/1	12 mm	50	1059000000
SDS 0.6X3.5X100		1	9008330000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
FUCR SW	8 mm	10	1167630000
FUCR 10-36V SW	8 mm	10	1167640000
FUCR 100-250V SW	8 mm	10	1167680000
Width			
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000
Note			
DEK 5/5 / WS 10/5			

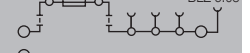
WMF 2.5 FU BLZ PE

2.5 mm<sup>2</sup>



NEW

5.08 x 90 x 74.5
6.3 / 4
0.5...4



IEC	UL	CSA
250	300 (D)	300 (D)
6.3	10 (D)	10 (D)
2.5	AWG 26...12	AWG 26...12
8 kV / 3		
A3 / V-0		
Rated connection		Further connection
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.5...0.6 Nm (M 3)		
10 / 0.6 x 3.5 mm		
Note		

Type	Qty.	Order No.
WMF 2.5 FU BLZ PE SW	50	1162820000
WMF 2.5 FU BLZ PE 10-36V SW	50	1162830000
WMF 2.5 FU BLZ PE 30-70V SW	50	1162840000
WMF 2.5 FU BLZ PE 60-150V SW	50	1162850000
WMF 2.5 FU BLZ PE 100-250V SW	50	1162860000
Note		

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
AP WMF2.5	1.5 mm	50	1142990000
WEW 35/1	12 mm	50	1059000000
SDS 0.6X3.5X100		1	9008330000
SIHA 3/G20	5.95 mm	25	7921560000
SIHA 3/G20/LD 10-36V	5.95 mm	25	7921570000
SIHA 3/G20/LD 140-250V	5.95 mm	25	7921600000
FUCR SW	8 mm	10	1167630000
FUCR 10-36V SW	8 mm	10	1167640000
FUCR 100-250V SW	8 mm	10	1167680000
Width			
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000
Note			
DEK 5/5 / WS 10/5			

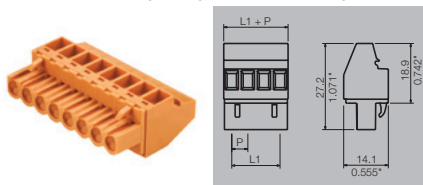
**Multi-functional terminals – Accessories**

**Technical data**

Rated data according to IEC 60664-1 / IEC 61984			
Clamping range, max.	mm <sup>2</sup>	0.13...4	
Solid core H05(07) V-U	mm <sup>2</sup>	0.2...4	
Stranded H07 V-R	mm <sup>2</sup>	0.2...4	
Flexible H05(07) V-K	mm <sup>2</sup>	0.2...4	
Flexible with ferrule	mm <sup>2</sup>	0.2...4	
Ferrule with plastic collar	mm <sup>2</sup>	0.2...2.5	
Stripping length	mm	7	
Screwdriver blade	mm	0.6 x 3.5	
according to norm		DIN 5264	
Tightening torque range	Nm	0.4...0.5	
Rated current			
at ambient temperature		20 °C	40 °C
	A	15	12
Overvoltage category		III	III II
Pollution severity		3	2 2
Rated voltage	V	250 320	400
Rated impulse voltage	kV	4 4	4
UL 1059 Rated data		B	C D
Rated voltage	V	300	300
Rated current	A	15	10
AWG conductor		26...12	
CSA C22.2 Rated data		B	C D
Rated voltage	V	300	300
Rated current	A	10	0
AWG conductor		26...12	
Material data			
Type of insulation material		PBT	
Flammability class		V-0	
Contact base material		Copper alloy	
Material of contact surface		tinned	

**BLZ 5.08/90**

Can be mounted directly side-by-side without loss of poles.

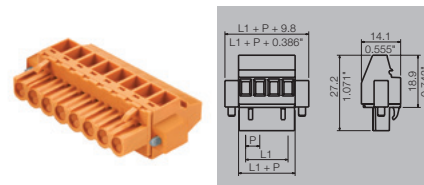


**Ordering data**

Pitch 5.08 mm					
Colour of plastic			orange	black	
Pol.	L1 mm	(inch)	Qty.	Order No.	Order No.
2	5.08	(0.200)	180	1948000000	1948240000
4	15.24	(0.600)	90	1948020000	1948260000
8	35.56	(1.400)	42	1948060000	1948300000
12	55.88	(2.200)	30	1948110000	1948340000
16	76.20	(3.000)	18	1948150000	1948380000

**BLZP 5.08/90F**

With screw flange



**Ordering data**

Pitch 5.08 mm					
Colour of plastic			orange	black	
Pol.	L1 mm	(inch)	Qty.	Order No.	Order No.
2	5.08	(0.200)	90	1949800000	1950040000
4	15.24	(0.600)	60	1949820000	1950060000
8	35.56	(1.400)	36	1949860000	1950100000
12	55.88	(2.200)	24	1949900000	1950140000
16	76.20	(3.000)	18	1949940000	1950180000

**IL WMF 2.5 BLZ OR**



**Ordering data**

Type	Qty.	Order No.
IL WMF 2.5 BLZ O	50	1167440000

**WAD WMF 2.5**



**Ordering data**

Type	Qty.	Order No.
WAD WMF 2.5	50	1142970000

**FUCR SW**



**Ordering data**

Type	Qty.	Order No.
FUCR SW	10	1167630000
FUCR 10-36V SW	10	1167640000
FUCR 30-70V SW	10	1167650000
FUCR 60-150V SW	10	1167670000
FUCR 100-250V SW	10	1167680000

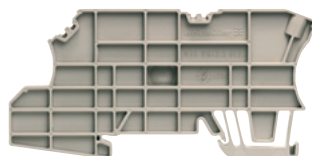
**AP WMF 2.5**



**Ordering data**

Type	Qty.	Order No.
AP WMF 2.5	50	1142990000

**WBB WMF 2.5 BLZ**



**Ordering data**

Type	Qty.	Order No.
WBB WMF 2.5 BLZ	10	1142980000

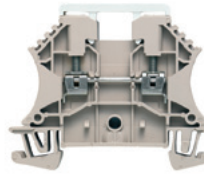




Thermocouple terminals

WDU 2.5/TC

2.5 mm<sup>2</sup>



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

10.2 x 60 x 50.5
/ 2.5
0.13...2.5

Technical data

<b>Rated data</b>	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
<b>2 conductors with same cross-section (H05V/H07V)</b>	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
<b>Note</b>	

IEC 60584, IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
			55
			1
2.5			2.5
	/ 3		
	A2 / V-0		
SIRA 02ATEX3153 U			
<b>Rated connection</b>			
0.5...2.5 / 1.5...2.5			
0.5...2.5 / 0.5...2.5			
0.4...0.6 Nm (M 2.5)			
10 / 0.6 x 3.5 mm			
<b>Rated connection</b>			
0.5...1.5			
0.5...1.5 / 0.5...1.5			

Ordering data

<b>Version</b>	
	(NiCr - Ni) type K
	(Cu - CuNi) type T
	(Fe-CuNi) type J
	(Pt 10% - Pt Rh/Pt 13% - Pt Rh) type SR
	(Pt 10% Rh - Pt 6% Rh) type B
	(NiCr - CuNi) type E
	(NiSi - Nicrosil) type N
<b>Note</b>	

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WDU 2.5/TC TYP K	50	1024100000
WDU 2.5/TC TYP T	50	1024200000
WDU 2.5/TC TYP J	50	1024300000
WDU 2.5/TC TYP SR	50	1024400000
WDU 2.5/TC TYP B	50	1033700000
WDU 2.5/TC TYP E	50	1033300000
WDU 2.5/TC TYP N	50	1041500000

Accessories

<b>End plate / Partition plate</b>	
	Dark beige Wemid
<b>End bracket</b>	
	Dark beige Wemid

<b>Type</b>	<b>Width</b>	<b>Qty.</b>	<b>Order No.</b>
WAP 2.5-10	1.5 mm	50	1050000000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WEW 35/2	8 mm	100	1061200000

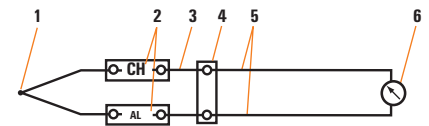
<b>Identification systems</b>	(see assortment in catalogue 7)
	Marking tags
<b>Note</b>	

DEK 5/5
---------

Weidmüller thermocouple terminals are specially designed for the transmission of very small voltages in temperature measuring circuits. Special current bars ensure that no false signals are transmitted within the terminal when temperature differences between the positive and negative paths exist. This high measuring precision is required, for example, in aircraft engine test rigs, complicated chemical processes, controllers, etc.

- Material of current bar corresponds to thermal and compensating conductors
- Clear thermocouple marking
- 2-pole blocks per thermocouple
- Modular width 10 mm

Configuration of a temperature measuring circuit



- 1 Thermocouple (sensor)
- 2 Thermocouple terminals
- 3 Compensating conductor
- 4 Reference junction
- 5 Supply and return conductors
- 6 Measuring instrument

The thermocouple terminals shown in this measuring circuit are used for the thermoelectrical transmission of the thermoelectric voltage from the thermocouple to the reference junction and the indicator unit via the compensating conductor.

Thermocouple terminals are required for constructing a temperature measuring circuit.

Technical data

Thermocouples to IEC 584 (DIN 43 710)

	Current bar
	Cromel Alumel
	E-grade copper Constantan
	Iron Constantan
	E-grade copper/ A-grade copper
	S-grade copper/ E-grade copper
	Cromel- Constantan

Modular terminals with electronic components are available for a number of standard applications. Other versions to customer specification are available upon request.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

**Technical data**

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Note	

**Ordering data**

Version	Dark beige Wemid
Note	

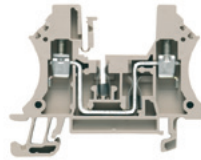
**Accessories**

Intermediate frame	Thickness 2,5 mm
Busbar	1 m

Identification systems	(see assortment in catalogue 7) Marking tags
Note	

**WPO 4**

4 mm<sup>2</sup>



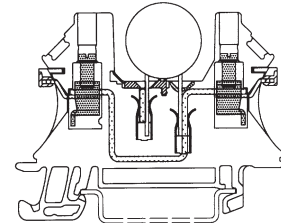
6 x 60 x 47	
32 / 4	
0.13...4	

IEC 60947-7-1		
IEC	UL	CSA
250	300 (D)	300 (D)
32	10 (D)	10 (D)
4	AWG 26...12	AWG 26...12
4 kV / 3		
A3 / V-0		
Rated connection		
0.5...4		
0.5...4 / 0.5...2.5		
0.5...1 Nm (M 3)		
8 / 0.6 x 3.5 mm		
Rated connection		
0.5...1.5		
0.5...1.5		
The tightening torque is 2 Nm when connecting two conductors.		

Type	Qty.	Order No.
WPO 4	50	1036000000

Type	Width	Qty.	Order No.
ZR WPO4 DB	2.5 mm	20	1071100000
SSCH 7.3X1.2X1000	7.3 mm	1	1071200000

**WPO 4 with varistor**

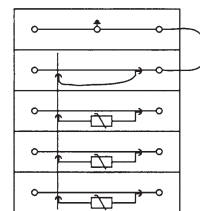


Weidmüller varistor terminals have been designed for the retrofitting of electronic components, e.g. varistors, diodes, gas discharge tubes, etc. These "electronic terminals" no longer have to be configured prior to installation for subsequent delivery with soldered components which can no longer be distinguished.

The significant advantages of this design are:

- **Cost saving:** Components can be changed quickly on site. Service requires only a visual inspection.
- **Clarity:** Components are easy to distinguish.
- **Flexibility:** Components can immediately be adapted to changed conditions.

**Note:** Never change electronic components under load!



Overvoltages in a 3-phase supply discharged to earth via WPE 4 with the aid of varistors and a gas discharge tube.

## Terminals with electronic components

Modular terminals with electronic components are available for a number of standard applications. Other versions to customer specification are available upon request.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

## Technical data

<b>Rated data</b>	
Rated cross-section	mm <sup>2</sup>
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-

## Note

## Ordering data

<b>Version</b>	
	10 Ω
	10 kΩ
	100 Ω
	500 Ω
	1 kΩ
	5 kΩ
	50 kΩ
	500 kΩ
	Without potentiometer

## Note

## Accessories

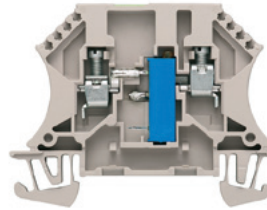
<b>End plate / Partition plate</b>	
	Dark beige Wemid
	Dark beige Wemid
<b>End bracket</b>	
	Dark beige Wemid
	Dark beige Wemid
<b>Screwdriver</b>	
	With "swifty set" cutting device
	Standard
<b>Shield bus</b>	

**Identification systems** (see assortment in catalogue 7)

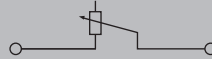
Marking tags

## Note

WDUL 4/...

4 mm<sup>2</sup>

6.5 x 60 x 4.7  
6 / 6  
0.13...6



IEC 60947-7-1

<b>IEC</b>	<b>UL</b>	<b>CSA</b>
4		
A4 / V-0		

<b>Rated connection</b>	
	0.5...6 / 1.5...6
	0.5...4 / 0.5...2.5
	0.8 Nm (M 3)
	9 / 0.6 x 3.5 mm

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WDUL 4/10	10	1027000000
WDUL 4/10K	10	1027700000
WDUL 4/100	10	1027300000
WDUL 4/500	10	1027400000
WDUL 4/1K	10	1027500000
WDUL 4/5K	10	1027600000
WDUL 4/50K	10	1027800000
WDUL 4/500K	10	1028000000
WDUL 4	10	8161820000

<b>Type</b>	<b>Width</b>	<b>Qty.</b>	<b>Order No.</b>
WAP 2.5-10	1.5 mm	50	1050000000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WEW 35/2	8 mm	100	1061200000
EW 35	8.5 mm	50	0383560000
SWIFTY SET	18 mm	1	9006060000
SDS 0.6X3.5X100		1	9008330000
LS 2.8 WDU2.5-10	1.15 mm	100	1056400000

DEK 5/5

## Technical data for the 30-Ω compensating resistor

Resistor material: "Cermet"

Resistor setting range: 0...30 Ω

Wave form: linear

Temperature coefficient: 100 ppm/°C

Mechanical lifespan: 200 operations without permissible deviations, across the entire resistance range

Resistance change per spindle turn: ≈ 1,2 Ω

Rated output for total resistance: 1 watt at 70 °C

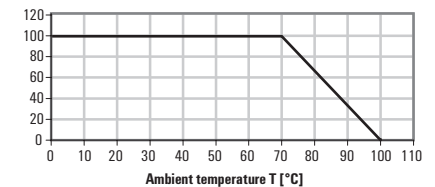
Rated current: 120 mA

Ambient temperature: -55 °C to +70 °C

Ingress (seal) protection:

- 1) Leak tested in water at 70 °C without bubble formation
- 2) Storage in SFW 2.0 S, acc. to DIN 50018, 9 cycles

## Capacity expressed in % of rated load



Modular terminals with electronic components are available for a number of standard applications. Other versions to customer specification are available upon request.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>


**Technical data**

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Electronic fixtures	
Component voltage / Component current	V/A
Operating voltage for display, max. / Current	V/A
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
Note	

**Ordering data**

Version	
	Dark beige Wemid
	Dark beige Wemid (red LED)
	Dark beige Wemid (green LED)
Note	

**Accessories**

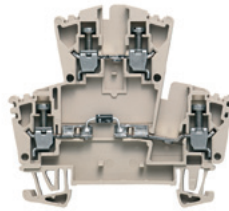
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	With "swifty set" cutting device
	Standard

Identification systems	
	(see assortment in catalogue 7)
	Marking tags
Note	

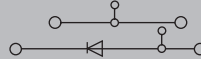
**WDK 2.5/D**

2.5 mm<sup>2</sup>

**Reverse polarity protection**



5.1 x 69 x 63
10 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA
0	300 (C)	
10	1 (C)	
2.5	AWG 30...12	
6 kV / 3		
A3 / V-0		
UL		
1000 / 1		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.4...0.6 Nm (M 2.5)		
10 / 0.6 x 3.5 mm		
Rated current is 10 A for continuous busbars only. Diode 1 N 4007		

Type	Qty.	Order No.
WDK 2.5 1D	25	8025610000
2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).		

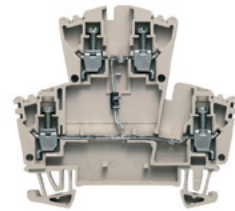
Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP WDK2.5	1.5 mm	20	1059100000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDS 0.6X3.5X100		1	9008330000

DEK 5/5 / WS 8/5
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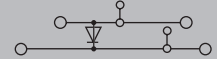
**WDK 2.5/D/1**

2.5 mm<sup>2</sup>

**Suppression circuit e. g. for contactor**



5.1 x 69 x 63
10 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA
400	300 (C)	300 (C)
10	1 (C)	1 (C)
2.5	AWG 30...12	AWG 26...12
6 kV / 3		
A3 / V-0		
UL		
1000 / 1		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.4...0.6 Nm (M 2.5)		
10 / 0.6 x 3.5 mm		
Rated current is 10 A for continuous busbars only. Diode 1 N 4007		

Type	Qty.	Order No.
WDK 2.5 1D A.1	25	1023400000
2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).		

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP WDK2.5	1.5 mm	20	1059100000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDS 0.6X3.5X100		1	9008330000

DEK 5/5 / WS 8/5
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## Terminals with electronic components

Modular terminals with electronic components are available for a number of standard applications. Other versions to customer specification are available upon request.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>


## Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Electronic fixtures	
Component voltage / Component current	V/A
Operating voltage for display, max. / Current	V/A
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
Note	

## Ordering data

Version	
	Dark beige Wemid
	Dark beige Wemid (red LED)
	Dark beige Wemid (green LED)
Note	

## Accessories

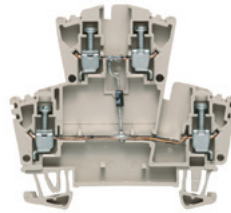
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	With "swifty set" cutting device
	Standard

Identification systems	
	(see assortment in catalogue 7)
	Marking tags
Note	

## WDK 2.5/D/2

2.5 mm<sup>2</sup>

Suppression circuit e. g. for contactor



5.1 x 69 x 63  
10 / 4  
0.05...4



IEC 60947-7-1

IEC	UL	CSA
400	300 (C)	300 (C)
10	1 (C)	1 (C)
2.5	AWG 30...12	AWG 26...12
6 kV / 3		
A3 / V-0		



1000 / 1

## Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
10 / 0.6 x 3.5 mm

Rated current is 10 A for continuous busbars only. Diode 1 N 4007

Type	Qty.	Order No.
WDK 2.5 1D A.2	25	1023300000
2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).		

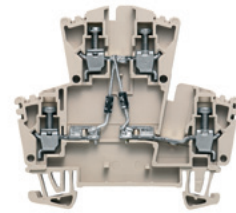
Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP WDK2.5	1.5 mm	20	1059100000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDS 0.6X3.5X100		1	9008330000

DEK 5/5 / WS 8/5

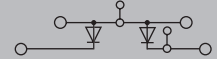
## WDK 2.5/D/4

2.5 mm<sup>2</sup>

Lamp test circuits



5.1 x 69 x 63  
10 / 4  
0.05...4



IEC 60947-7-1

IEC	UL	CSA
400		
10		
2.5		
6 kV / 3		
A3 / V-0		

1000 / 1

## Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
10 / 0.6 x 3.5 mm

Rated current is 10 A for continuous busbars only. Diode 1 N 4007

Type	Qty.	Order No.
WDK 2.5 2D 1.A	25	8014670000
2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).		

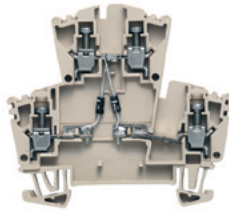
Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP WDK2.5	1.5 mm	20	1059100000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDS 0.6X3.5X100		1	9008330000

DEK 5/5 / WS 8/5

**WDK 2.5/D/5**

**2.5 mm<sup>2</sup>**

Lamp test circuits



5.1 x 69 x 63  
10 / 4  
0.05...4



IEC 60947-7-1

IEC	UL	CSA
400	300 (C)	300 (D)
10	1 (C)	10 (D)
2.5	AWG 30...12	AWG 26...12
6 kV / 3		
A3 / V-0		



1000 / 1

**Rated connection**

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
10 / 0.6 x 3.5 mm

Rated current is 10 A for continuous busbars only. Diode 1 N 4007

Type	Qty.	Order No.
WDK 2.5 2D 2.A	25	1022600000

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

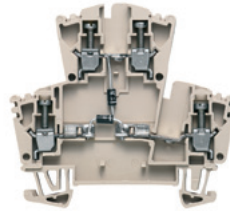
Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP WDK2.5	1.5 mm	20	1059100000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDS 0.6X3.5X100		1	9008330000

DEK 5/5 / WS 8/5

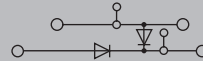
**WDK 2.5/D/6**

**2.5 mm<sup>2</sup>**

Lamp test circuits



5.1 x 69 x 63  
10 / 4  
0.05...4



IEC 60947-7-1

IEC	UL	CSA
400		300 (C)
10		10 (C)
2.5		AWG 26...12
6 kV / 3		
A3 / V-0		



1000 / 1

**Rated connection**

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
10 / 0.6 x 3.5 mm

Rated current is 10 A for continuous busbars only.

Type	Qty.	Order No.
WDK 2.5 2D	25	1023500000

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

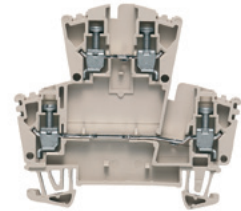
Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP WDK2.5	1.5 mm	20	1059100000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDS 0.6X3.5X100		1	9008330000

DEK 5/5 / WS 8/5

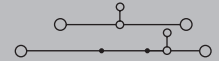
**WDK 2.5/D**

**2.5 mm<sup>2</sup>**

For installing electronic components



5.1 x 69 x 63  
10 / 4  
0.05...4



IEC 60947-7-1

IEC	UL	CSA
400	300 (C)	
10	1 (C)	
2.5	AWG 30...12	
6 kV / 3		
A3 / V-0		



1000 / 1

**Rated connection**

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
10 / 0.6 x 3.5 mm

Rated current is 10 A for continuous busbars only.

Type	Qty.	Order No.
WDK 2.5/D	100	1023200000

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP WDK2.5	1.5 mm	20	1059100000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDS 0.6X3.5X100		1	9008330000

DEK 5/5 / WS 8/5

## Terminals with electronic components

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>


## Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Electronic fixtures	
Component voltage / Component current	V/A
Operating voltage for display, max. / Current	V/mA
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
Note	

## Ordering data

Version	
	Dark beige Wemid
	Dark beige Wemid (red LED)
	Dark beige Wemid (green LED)
Note	

## Accessories

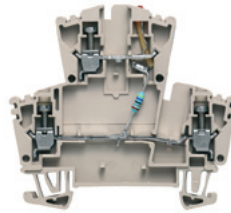
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	With "swifty set" cutting device
	Standard

Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	

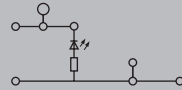
## WDK 2.5 LD +-

2.5 mm<sup>2</sup>

DC voltage indicator + / -



5.1 x 69 x 63  
10 / 4  
0.13...4



IEC 60947-7-1

IEC	UL	CSA
24		
2.5		
	0.8 kV / 3	
	A3 / V-0	
24 / 5		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.4...0.6 Nm (M 2.5)		
10 / 0.6 x 3.5 mm		
Note		

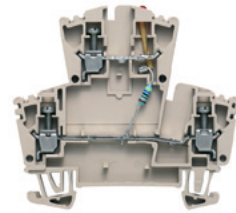
Type	Qty.	Order No.
WDK 2.5 LD RT 24VDC +-	25	1023600000
WDK 2.5 LD/GN 1R 24VDC	25	8023610000
2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).		

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP WDK2.5	1.5 mm	20	1059100000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDS 0.6X3.5X100		1	9008330000

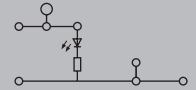
## WDK 2.5 LD - +

2.5 mm<sup>2</sup>

DC voltage indicator - / +



5.1 x 69 x 63  
10 / 4  
0.13...4



IEC 60947-7-1

IEC	UL	CSA
24		
2.5		
	0.8 kV / 3	
	A3 / V-0	
24 / 5		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.4...0.6 Nm		
10 / 0.6 x 3.5 mm		
Note		

Type	Qty.	Order No.
WDK 2.5 LD RT 24VDC - +	25	8023630000
WDK 2.5 LD GR 1R 24VDC	25	8010040000
2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).		

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP WDK2.5	1.5 mm	20	1059100000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET	18 mm	1	9006060000
SDS 0.6X3.5X100		1	9008330000

Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	

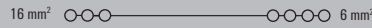




## Power distribution blocks WPDB

- Space-saving design
- Modular or 3-phase block versions
- Easy to use
- IP20 class of protection
- For TS 35 rail or direct mounting
- High short-circuit protection
- Parallel cross-connection with 15 x 5 mm busbar

## WPDB 16/6 3/4

16/6 mm<sup>2</sup>

## WPDB 35-16/16 1-1/6

35/6 mm<sup>2</sup>

## Technical data

Max. current	
<b>Dimensions</b>	
Width / Length / Height (mm)	with TS 35 x 7.5
Weight	
<b>IEC rated 60 947-7-1</b>	
Rated voltage	V
Rated current	A
Rated cross-section in-/output	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	
UL94 Flammability Class	
<b>Further technical data</b>	
Short-circuit strength (peak value)	kA
Short-circuit strength > 1 s	kA
<b>Inputs</b>	
No. of connections	
Clampable conductors:	
„e“ solid H07V-U	mm <sup>2</sup>
„m“ stranded H07V-R	mm <sup>2</sup>
„f“ flexible H07V-K	mm <sup>2</sup>
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
„f“ flexible H07V-K and ferrule with plastic insul. collar	mm <sup>2</sup>
Diameter	mm
Tightening torque	Nm
Clamping screw	
Blade size	
Stripping length	mm
<b>Outputs</b>	
No. of connections	
Clampable conductors:	
„e“ solid H07V-U	mm <sup>2</sup>
„m“ stranded H07V-R	mm <sup>2</sup>
„f“ flexible H07V-K	mm <sup>2</sup>
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
„f“ flexible H07V-K and ferrule with plastic insul. collar	mm <sup>2</sup>
Diameter	mm
Tightening torque	Nm
Clamping screw	
Blade size	
Stripping length	mm
<b>UL/CSA rated data</b>	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Max. current	80 A
Width / Length / Height (mm)	27 x 66 x 47 (50)
Weight	63 g
Rated voltage	690
Rated current	80
Rated cross-section in-/output	16 / 16-6
Rated impulse voltage / Pollution severity	2.5 KV / 3
UL94 Flammability Class	V-0
Short-circuit strength (peak value)	22
Short-circuit strength > 1 s	3
<b>Inputs</b>	
No. of connections	1
Clampable conductors:	
„e“ solid H07V-U	mm <sup>2</sup>
„m“ stranded H07V-R	mm <sup>2</sup>
„f“ flexible H07V-K	mm <sup>2</sup>
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
„f“ flexible H07V-K and ferrule with plastic insul. collar	mm <sup>2</sup>
Diameter	mm
Tightening torque	Nm
Clamping screw	
Blade size	
Stripping length	mm
<b>Outputs</b>	
No. of connections	2
Clampable conductors:	
„e“ solid H07V-U	mm <sup>2</sup>
„m“ stranded H07V-R	mm <sup>2</sup>
„f“ flexible H07V-K	mm <sup>2</sup>
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
„f“ flexible H07V-K and ferrule with plastic insul. collar	mm <sup>2</sup>
Diameter	mm
Tightening torque	Nm
Clamping screw	
Blade size	
Stripping length	mm
<b>UL/CSA rated data</b>	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Max. current	125 A
Width / Length / Height (mm)	27 x 74 x 47 (50)
Weight	134 g
Rated voltage	690
Rated current	125
Rated cross-section in-/output	35-16 / 16
Rated impulse voltage / Pollution severity	2.5 KV / 3
UL94 Flammability Class	V-0
Short-circuit strength (peak value)	30
Short-circuit strength > 1 s	4.2
<b>Inputs</b>	
No. of connections	1
Clampable conductors:	
„e“ solid H07V-U	mm <sup>2</sup>
„m“ stranded H07V-R	mm <sup>2</sup>
„f“ flexible H07V-K	mm <sup>2</sup>
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
„f“ flexible H07V-K and ferrule with plastic insul. collar	mm <sup>2</sup>
Diameter	mm
Tightening torque	Nm
Clamping screw	
Blade size	
Stripping length	mm
<b>Outputs</b>	
No. of connections	6
Clampable conductors:	
„e“ solid H07V-U	mm <sup>2</sup>
„m“ stranded H07V-R	mm <sup>2</sup>
„f“ flexible H07V-K	mm <sup>2</sup>
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
„f“ flexible H07V-K and ferrule with plastic insul. collar	mm <sup>2</sup>
Diameter	mm
Tightening torque	Nm
Clamping screw	
Blade size	
Stripping length	mm
<b>UL/CSA rated data</b>	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

## Ordering data

Version	
	dark beige Wemid

Type	Qty.	Order No.
WPDB 16/6 3/4	1	1939440000

Type	Qty.	Order No.
WPDB 35-16/16 1-1/6	1	1939450000

## Accessories

Screwdrivers	
	Crosshead screwdriver, Pozidriv type
	Crosshead screwdriver, Pozidriv type
	7-piece hexagon wrench set
<b>Labelling systems</b>	
	Marking labels

Type	Qty.	Order No.
SDK PZ1	1	9008530000
SDK PZ2	1	9008540000
SK-S 2.0-8.0	1	9008860000
LM MT300 15 x 9 GE	1	1882890000

Type	Qty.	Order No.
SDK PZ2	1	9008540000
SK-S 2.0-8.0	1	9008860000
LM MT300 15 x 9 GE	1	1882890000

WPDB 70/16 1/10

70/16 mm<sup>2</sup>



175 A

45 x 71 x 43 (46)

228 g

690

175

70 / 16

2.5 KV / 3

V-0

22

3

A	B	C
1		

1

16 ... 70

16 ... 70

16 ... 50

16 ... 50

16 ... 50

12

5

M10

M5

15 ... 16

A	B	C
10		

10

2.5 ... 16

2.5 ... 16

2.5 ... 16

2.5 ... 16

2.5 ... 16

6

3

M6

M3

10 ... 12

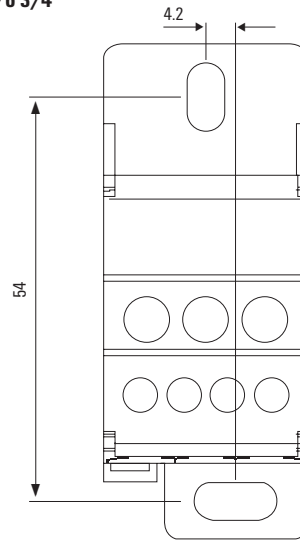
Type	Qty.	Order No.
WPDB 70/16 1/10	1	1939460000

Type	Qty.	Order No.

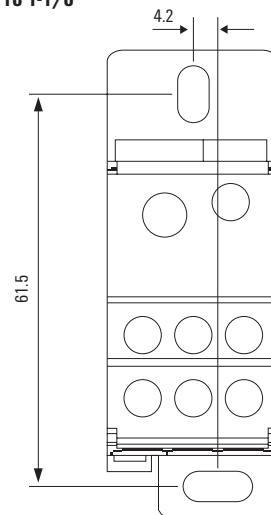
SK-S 2.0-8.0	1	9008860000
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LM MT300 15 x 9 GE	1	1882890000
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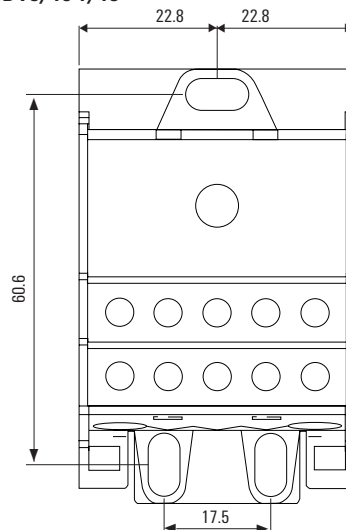
WPDB 16/6 3/4



WPDB 35-16/16 1-1/6



WPDB 70/16 1/10



## Power distribution blocks WPDB

- Space-saving design
- Modular or 3-phase block versions
- Easy to use
- IP20 class of protection
- For TS 35 rail or direct mounting
- High short-circuit protection
- Parallel cross-connection with 15 x 5 mm busbar

## WPDB 120/35-16-10 1/2-5-4

120/35 mm<sup>2</sup>

## WPDB 185/35-16-10 1/2-5-4

185/35 mm<sup>2</sup>

## Technical data

<b>Max. current</b>	
250 A	
<b>Dimensions</b>	
Width / Length / Height (mm)	with TS 35 x 7.5
Weight	434 g
<b>IEC rated 60 947-7-1</b>	
Rated voltage	V 690
Rated current	A 250
Rated cross-section in-/output	mm <sup>2</sup> 120 / 35-16-10
Rated impulse voltage / Pollution severity	2.5 KV / 3
UL94 Flammability Class	V-0
<b>Further technical data</b>	
Short-circuit strength (peak value)	kA 51
Short-circuit strength > 1 s	kA 24.5
<b>Inputs</b>	
No. of connections	1
Clampable conductors:	
„e“ solid H07V-U	mm <sup>2</sup> 35 ... 120
„m“ stranded H07V-R	mm <sup>2</sup> 35 ... 120
„f“ flexible H07V-K	mm <sup>2</sup> 35 ... 120
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup> 35 ... 70
„f“ flexible H07V-K and ferrule with plastic insul. collar	mm <sup>2</sup> 35 ... 70
Diameter	mm 15
Tightening torque	Nm 19
Clamping screw	M14
Blade size	M6
Stripping length	mm 27 ... 29
<b>Outputs</b>	
No. of connections	2
Clampable conductors:	
„e“ solid H07V-U	mm <sup>2</sup> 6 ... 35
„m“ stranded H07V-R	mm <sup>2</sup> 6 ... 35
„f“ flexible H07V-K	mm <sup>2</sup> 6 ... 35
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup> 6 ... 25
„f“ flexible H07V-K and ferrule with plastic insul. collar	mm <sup>2</sup> 6 ... 25
Diameter	mm 9
Tightening torque	Nm 3.5
Clamping screw	M8
Blade size	M6
Stripping length	mm 10 ... 12
<b>UL/CSA rated data</b>	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

<b>Max. current</b>		
250 A		
<b>Dimensions</b>		
44 x 96 x 50 (53)		
434 g		
<b>IEC rated 60 947-7-1</b>		
Rated voltage V 690		
Rated current A 250		
Rated cross-section in-/output mm <sup>2</sup> 120 / 35-16-10		
Rated impulse voltage / Pollution severity 2.5 KV / 3		
UL94 Flammability Class V-0		
<b>Further technical data</b>		
Short-circuit strength (peak value) kA 51		
Short-circuit strength > 1 s kA 24.5		
<b>Inputs</b>		
No. of connections 1		
Clampable conductors:		
„e“ solid H07V-U mm <sup>2</sup> 35 ... 120		
„m“ stranded H07V-R mm <sup>2</sup> 35 ... 120		
„f“ flexible H07V-K mm <sup>2</sup> 35 ... 120		
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1 mm <sup>2</sup> 35 ... 70		
„f“ flexible H07V-K and ferrule with plastic insul. collar mm <sup>2</sup> 35 ... 70		
Diameter mm 15		
Tightening torque Nm 19		
Clamping screw M14		
Blade size M6		
Stripping length mm 27 ... 29		
<b>Outputs</b>		
No. of connections 2		
Clampable conductors:		
„e“ solid H07V-U mm <sup>2</sup> 6 ... 35		
„m“ stranded H07V-R mm <sup>2</sup> 6 ... 35		
„f“ flexible H07V-K mm <sup>2</sup> 6 ... 35		
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1 mm <sup>2</sup> 6 ... 25		
„f“ flexible H07V-K and ferrule with plastic insul. collar mm <sup>2</sup> 6 ... 25		
Diameter mm 9		
Tightening torque Nm 3.5		
Clamping screw M8		
Blade size M6		
Stripping length mm 10 ... 12		
<b>UL/CSA rated data</b>		
Voltage/current/conductor size UL		
Voltage/current/conductor size CSA		

<b>Max. current</b>		
400 A		
<b>Dimensions</b>		
44 x 96 x 50 (53)		
414 g		
<b>IEC rated 60 947-7-1</b>		
Rated voltage V 690		
Rated current A 400		
Rated cross-section in-/output mm <sup>2</sup> 185 / 35-16-10		
Rated impulse voltage / Pollution severity 2.5 KV / 3		
UL94 Flammability Class V-0		
<b>Further technical data</b>		
Short-circuit strength (peak value) kA 51		
Short-circuit strength > 1 s kA 24.5		
<b>Inputs</b>		
No. of connections 1		
Clampable conductors:		
„e“ solid H07V-U mm <sup>2</sup> 95 ... 185		
„m“ stranded H07V-R mm <sup>2</sup> 95 ... 185		
„f“ flexible H07V-K mm <sup>2</sup> 95 ... 185		
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1 mm <sup>2</sup> 95 ... 120		
„f“ flexible H07V-K and ferrule with plastic insul. collar mm <sup>2</sup> 95 ... 120		
Diameter mm 19		
Tightening torque Nm 25		
Clamping screw M16		
Blade size M8		
Stripping length mm 27 ... 29		
<b>Outputs</b>		
No. of connections 2		
Clampable conductors:		
„e“ solid H07V-U mm <sup>2</sup> 6 ... 35		
„m“ stranded H07V-R mm <sup>2</sup> 6 ... 35		
„f“ flexible H07V-K mm <sup>2</sup> 6 ... 35		
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1 mm <sup>2</sup> 6 ... 25		
„f“ flexible H07V-K and ferrule with plastic insul. collar mm <sup>2</sup> 6 ... 25		
Diameter mm 9		
Tightening torque Nm 3.5		
Clamping screw M8		
Blade size M6		
Stripping length mm 10 ... 12		
<b>UL/CSA rated data</b>		
Voltage/current/conductor size UL		
Voltage/current/conductor size CSA		

## Ordering data

<b>Version</b>
dark beige Wemid

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WPDB 120/35-16-10 1/2-5-4	1	1939470000

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WPDB 185/35-16-10 1/2-5-4	1	1939480000

## Accessories

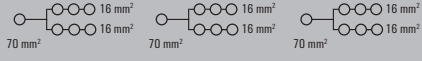
<b>Screwdrivers</b>	
Crosshead screwdriver, Pozidriv type	
Crosshead screwdriver, Pozidriv type	
7-piece hexagon wrench set	
<b>Labelling systems</b>	
Marking labels	

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
SD 1.0 x 5.5 x 150	1	9008350000
SD 0.8 x 4.5 x 125	1	9009020000
SK-S 2.0-8.0	1	9008860000
LM MT300 15 x 9 GE	1	1882890000

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
SD 1.0 x 5.5 x 150	1	9008350000
SD 0.8 x 4.5 x 125	1	9009020000
SK-S 2.0-8.0	1	9008860000
LM MT300 15 x 9 GE	1	1882890000

WPDB 3 x 70/16 1/6

70/16 mm<sup>2</sup>



175 A

71 x 74 x 43 (46)

386 g

690

175

70 / 16

2.5 KV / 3

V-0

A	B	C
---	---	---

3 x 1

16 ... 70

16 ... 70

16 ... 70

16 ... 50

16 ... 50

12

5

M10

M5

15 ... 16

A	B	C
---	---	---

3 x 6

2.5 ... 16

2.5 ... 16

2.5 ... 16

2.5 ... 16

2.5 ... 16

6

3

M6

M3

10 ... 12

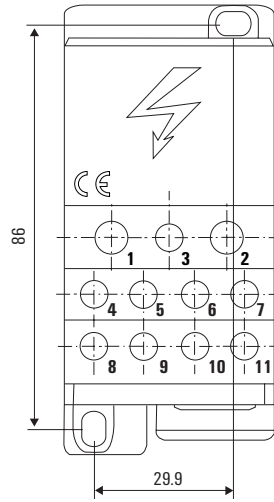
Type	Qty.	Order No.
WPDB 3 x 70/16 1/6	1	1939490000

Type	Qty.	Order No.
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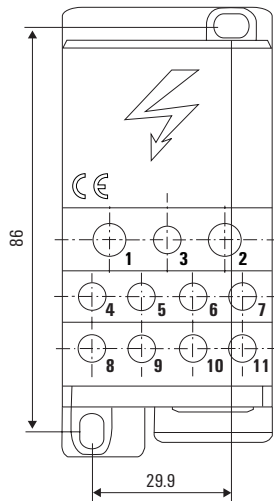
SK-S 2.0-8.0 1 9008860000

LM MT300 15 x 9 GE 1 1882890000

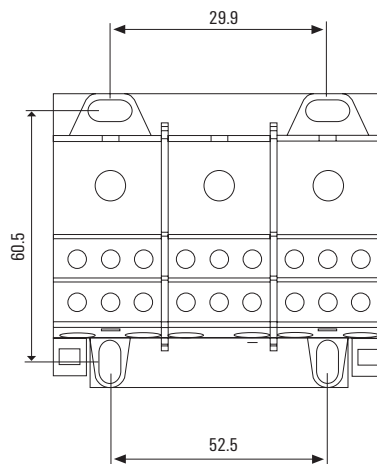
WPDB 120/35-16-10 1/2-5-4



WPDB 185/35-16-10 1/2-5-4



WPDB 3 x 70/16 1/6



## Power distribution blocks WPDB

- Space-saving design
- Modular or 3-phase block versions
- Easy to use
- IP20 class of protection
- For TS 35 rail or direct mounting
- High short-circuit protection
- Parallel cross-connection with 15 x 5 mm busbar

## Technical data

Max. current	
<b>Dimensions</b>	
Width / Length / Height (mm)	with TS 35 x 7.5
Weight	
<b>IEC rated 60 947-7-1</b>	
Rated voltage	V
Rated current	A
Rated cross-section in-/output	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	
UL94 Flammability Class	
<b>Further technical data</b>	
Short-circuit strength (peak value)	kA
Short-circuit strength > 1 s	kA
<b>Inputs</b>	
No. of connections	
Clampable conductors:	
„e“ solid H07V-U	mm <sup>2</sup>
„m“ stranded H07V-R	mm <sup>2</sup>
„f“ flexible H07V-K	mm <sup>2</sup>
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
„f“ flexible H07V-K and ferrule with plastic insul. collar	mm <sup>2</sup>
Diameter	mm
Tightening torque	Nm
Clamping screw	
Blade size	
Stripping length	mm
<b>Outputs</b>	
No. of connections	
Clampable conductors:	
„e“ solid H07V-U	mm <sup>2</sup>
„m“ stranded H07V-R	mm <sup>2</sup>
„f“ flexible H07V-K	mm <sup>2</sup>
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
„f“ flexible H07V-K and ferrule with plastic insul. collar	mm <sup>2</sup>
Diameter	mm
Tightening torque	Nm
Clamping screw	
Blade size	
Stripping length	mm
<b>UL/CSA rated data</b>	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

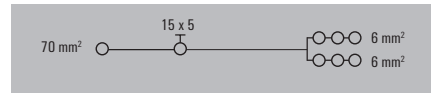
## Ordering data

<b>Version</b>	
	dark beige Wemid

## Accessories

<b>Screwdrivers</b>	
	Crosshead screwdriver, Pozidriv type
	Crosshead screwdriver, Pozidriv type
	7-piece hexagon wrench set
<b>Labelling systems</b>	
	Marking labels

## WPDB 70/16 1/6

70/16 mm<sup>2</sup>With distribution for busbars (parallel connection)  
15 x 5 mm

160 A		
35 x 92 x 50 (53)		
238 g		
690		
160		
70 / 16		
2.5 KV / 3		
V-0		
30		
11.8		
<b>A</b>	<b>B</b>	<b>C</b>
1		
10 ... 70		
10 ... 70		
10 ... 70		
10 ... 50		
10 ... 50		
13		
4		
M10		
M5		
19 ... 23		
<b>A</b>	<b>busbar</b>	<b>C</b>
6	16 x 5 mm max.	
2.5 ... 16		
2.5 ... 16		
2.5 ... 16		
2.5 ... 16		
2.5 ... 16		
6		
2	3	
M5	M6	
PZ2	M5	
10 ... 12		

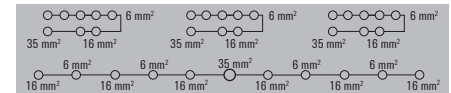
<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WPDB 70/16 1/6	1	193950000

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
SDK PZ2	1	9008540000
SK-S 2.0-8.0	1	9008860000
LM MT300 15 x 9 GE	1	1882890000

## WPDB 35/16/6/N 1/2/5/11

35/16/6/N mm<sup>2</sup>

Three-phase power-supply block with neutral-conductor busbar

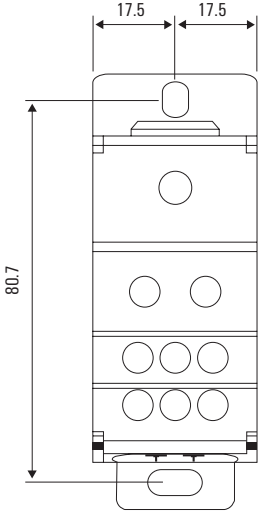


125 A		
98 x 74 x 50 (53)		
314 g		
690		
125		
35 / 16		
2.5 KV / 3		
V-0		
30		
11.8		
<b>A</b>	<b>B</b>	<b>C</b>
3 x 1	3 x 5	3 x 2
6 ... 35	1.5 ... 6	1.5 ... 16
6 ... 35	1.5 ... 6	1.5 ... 16
6 ... 35	1.5 ... 6	1.5 ... 16
6 ... 25	1.5 ... 6	1.5 ... 16
6 ... 25	1.5 ... 6	1.5 ... 16
9	5	7
1.5	0.8	1.5
M5	M4	M5
PZ2	PZ1	PZ2
12 ... 18	9 ... 12	12 ... 18
<b>neutral cond.</b>	<b>neutral cond.</b>	<b>neutral cond.</b>
1	4	6
6 ... 35	1.5 ... 6	1.5 ... 16
6 ... 35	1.5 ... 6	1.5 ... 16
6 ... 35	1.5 ... 6	1.5 ... 16
6 ... 25	1.5 ... 6	1.5 ... 16
6 ... 25	1.5 ... 6	1.5 ... 16
9	5	7
1.5	0.8	1.5
M5	M4	M5
PZ2	PZ1	PZ2
12 ... 18	9 ... 12	12 ... 18

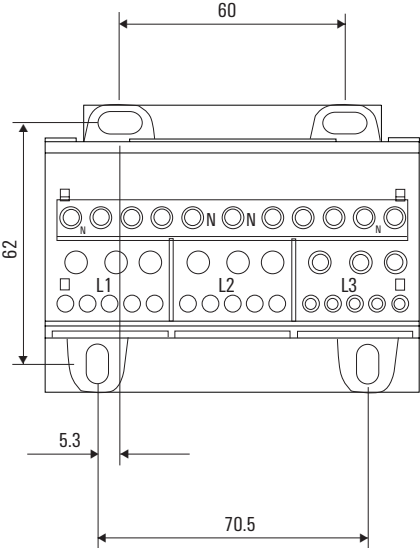
<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WPDB 35/16/6/N 1/2/5/11	1	1939510000

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
SDK PZ1	1	9008530000
SDK PZ2	1	9008540000
LM MT300 15 x 9 GE	1	1882890000

WPDB 70/16 1/6

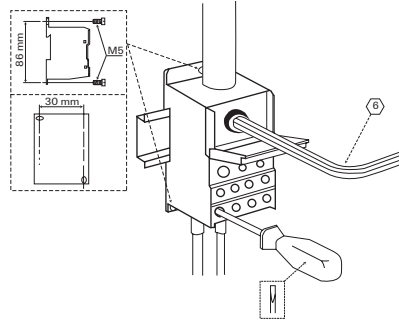


WPDB 35/16/6/N 1/2/5/11

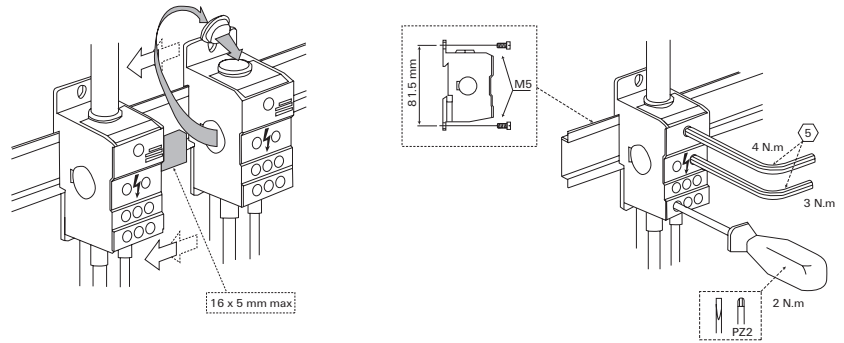


# Assembly instructions

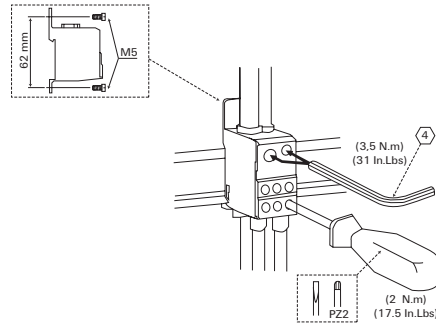
## WPDB 120/35-16-10 1/2-5-4 and WPDB 185/35-16-10 1/2-5-4



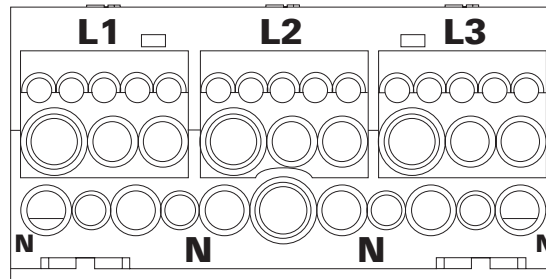
## D WPDB 70/16 1/6



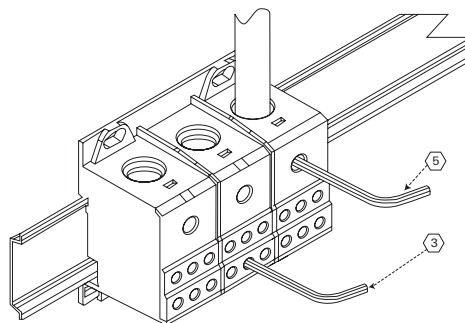
## WPDB 35-16/16 1-1/6



## WPDB 35/16/6/N 1/2/5/11



## WPDB 3x70/16 1/6







**Mini terminals TS 15**

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS15x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>


**Technical data**

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
<b>Note</b>	

**Ordering data**

Version	
	beige (PA)
	Blue (PA)
	green/yellow (PA)
<b>Note</b>	

**Accessories**

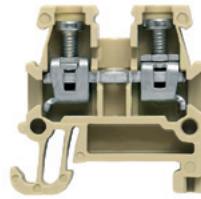
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
External cross-connection	
	2-pole
	3-pole
	4-pole
End plate / Partition plate	
	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Testing / Checking	
	Test plug
	Socket

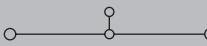
Identification systems	
	(see assortment in catalogue 7)
	Marking tags
<b>Note</b>	

**AKZ 1.5**

**1.5 mm<sup>2</sup>**


Feed-through terminal



5.1 x 24.8 x 26	
<b>24 / 2.5</b>	
<b>0.21...2.5</b>	

IEC 60947-7-1 II 2 G D

IEC	UL	CSA
250	150 (C)	300 (C)
17.5	15 (C)	10 (C)
1.5	AWG 22...14	AWG 24...16
4 kV / 3		
A1 / V-2		

	
Rated connection	
0.5...2.5 / 1.5...1.5	
0.5...1.5 / 0.5...1.5	
0.4...0.6 (M 2.5)	
7 / 3.0 x 0.5 mm	
0.5...1	

Type	Qty.	Order No.
AKZ 1.5	100	<b>0340460000</b>
AKZ 1.5 BL	100	<b>0340480000</b>
AKZ 1.5 Order no. 0340460000 and 0340480000 in PA with flammability rating acc. to UL94/V-2.		

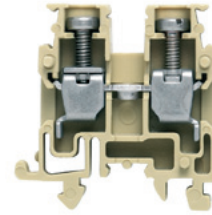
Type	current	Qty.	Order No.
Q 2 AKZ1.5	24 A	50	<b>0368200000</b>
Q 3 AKZ1.5	24 A	50	<b>0368300000</b>
Q 4 AKZ1.5	24 A	50	<b>0368400000</b>
Q 10 AKZ1.5	24 A	20	<b>0368500000</b>
Width			
AP AKZ1.5	1.5 mm	50	<b>0340560000</b>
AP AKZ1.5 BL	1.5 mm	50	<b>0340580000</b>
EW 15			
	10 mm	50	<b>0382860000</b>
PS 2.3 RT			
	5.4 mm	20	<b>0180400000</b>
STB 8.5/D4/2.3/M2.5 AKZ			
		50	<b>0215700000</b>

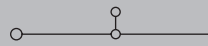
<b>Identification systems</b>	
	(see assortment in catalogue 7)
	Marking tags
<b>Note</b>	

**AKZ 2.5**

**2.5 mm<sup>2</sup>**


Feed-through terminal



5.1 x 25.5 x 27.1	
<b>32 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
250	300 (D)	300 (C)	176
24	10 (D)	10 (C)	15
2.5	AWG 22...12	AWG 26...10	2.5
4 kV / 3			
A3 / V-2			

		SIRA 02ATEX3001 U	
Rated connection			
0.5...4 / 1.5...2.5			
0.5...2.5 / 0.5...2.5			
0.4...0.6 (M 2.5)			
7 / 3.0 x 0.5 mm			
0.5...1.5			

Type	Qty.	Order No.
AKZ 2.5	100	<b>0697160000</b>
AKZ 2.5 BL	100	<b>0697180000</b>
AKZ 2.5 Order no. 0697160000 and 0697180000 in PA with flammability rating acc. to UL94/V-2.		

Type	current	Qty.	Order No.
Q 2 AKZ1.5	24 A	50	<b>0368200000</b>
Q 3 AKZ1.5	24 A	50	<b>0368300000</b>
Q 4 AKZ1.5	24 A	50	<b>0368400000</b>
Q 10 AKZ1.5	24 A	20	<b>0368500000</b>
Width			
AP AKZ2.5	2.5 mm	50	<b>0697360000</b>
AP AKZ2.5 BL	2.5 mm	50	<b>0697380000</b>
TW AKZ2.5	1.5 mm	20	<b>0318560000</b>
EW 15			
	10 mm	50	<b>0382860000</b>
PS 2.3 RT			
	5.4 mm	20	<b>0180400000</b>
STB 8.5/D4/2.3/M2.5 AKZ			
		50	<b>0215700000</b>

<b>Identification systems</b>	
	(see assortment in catalogue 7)
	Marking tags
<b>Note</b>	



**Mini terminals TS 15**

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS15x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>


**Technical data**

<b>Rated data</b>	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-
<b>2 conductors with same cross-section (H05V/H07V)</b>	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
<b>Note</b>	

**Ordering data**

<b>Version</b>	
	Dark beige Wemid (PA)
	Blue Wemid (PA)
<b>Note</b>	

**Accessories**

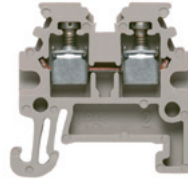
<b>Pluggable cross-connection</b>	
	2-pole
	3-pole
	4-pole
	10-pole
<b>End plate / Partition plate</b>	
	Dark beige Wemid
<b>End bracket</b>	
	Dark beige Wemid

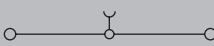
<b>Identification systems</b>	(see assortment in catalogue 7)
	Marking tags
<b>Note</b>	



**WDU 1.5/R 3.5**

**1.5 mm<sup>2</sup>**

Feed-through terminal (V0)



3.5 x 24.5 x 25	
<b>17.5 / 1.5</b>	
<b>0.13...1.5</b>	

IEC 60947-7-1				Ex e II  II 2 G D			
<b>IEC</b>	<b>UL</b>	<b>CSA</b>	<b>EN 60079-7</b>				
400	300 (D)	300 (D)	275				
17.5	10 (D)	10 (D)	14				
1.5	AWG 26...14	AWG 26...14	1.5				
				4 kV / 3			
				A1 / V-0			
				KEMA 99ATEX6545 U			
<b>Rated connection</b>							
0.5...1.5 / 1.5...1.5							
0.5...1.5 / 0.5...1.5							
0.3 Nm(M 2)							
7 / 0.4 x 2.5 mm							
0.5...0.75							
0.5...0.75 / 0.5...0.5							
PZ 6/5 recommended as crimping tool for 1.5 mm <sup>2</sup> with wire end ferrule.							

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WDU 1.5/R3.5	100	<b>1753280000</b>
WDU 1.5/R3.5 BL	100	<b>1754170000</b>

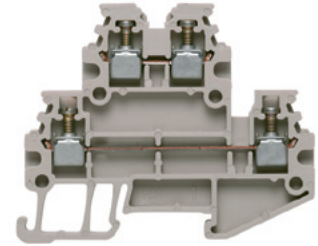
<b>Type</b>	<b>current</b>	<b>Qty.</b>	<b>Order No.</b>
ZQV 1.5N/R3.5/2 GE	17.5 A	50	<b>1754210000</b>
ZQV 1.5N/R3.5/3 GE	17.5 A	50	<b>1754220000</b>
ZQV 1.5N/R3.5/4 GE	17.5 A	20	<b>1754230000</b>
ZQV 1.5N/R3.5/10 GE	17.5 A	20	<b>1754290000</b>
<b>Width</b>			
WAP WDK1.5/R3.5	1.5 mm	20	<b>1754200000</b>
EW 15	10 mm	50	<b>0382860000</b>

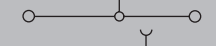
<b>Identification systems</b>	(see assortment in catalogue 7)
	Marking tags
<b>Note</b>	
DEK 5/3,5	



**WDK 1.5/R3.5**

**1.5 mm<sup>2</sup>**

Double feed-through terminal (V0)



3.5 x 46.5 x 38.5	
<b>16 / 1.5</b>	
<b>0.13...1.5</b>	

IEC 60947-7-1				Ex e II  II 2 G D			
<b>IEC</b>	<b>UL</b>	<b>CSA</b>	<b>EN 60079-7</b>				
400	300 (D)	300 (D)	275				
16	10 (D)	10 (D)	15				
1.5	AWG 26...14	AWG 26...14	1.5				
				4 kV / 3			
				A1 / V-0			
				KEMA 99ATEX6545 U			
<b>Rated connection</b>							
0.5...1.5 / 1.5...1.5							
0.5...1.5 / 0.5...1.5							
0.3 Nm(M 2)							
7 / 0.4 x 2.5 mm							
0.5...0.75							
0.5...0.75 / 0.5...0.5							
PZ 6/5 recommended as crimping tool for 1.5 mm <sup>2</sup> with wire end ferrule.							

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WDK 1.5/R3.5	100	<b>1753290000</b>

<b>Type</b>	<b>current</b>	<b>Qty.</b>	<b>Order No.</b>
ZQV 1.5N/R3.5/2 GE	17.5 A	50	<b>1754210000</b>
ZQV 1.5N/R3.5/3 GE	17.5 A	50	<b>1754220000</b>
ZQV 1.5N/R3.5/4 GE	17.5 A	20	<b>1754230000</b>
ZQV 1.5N/R3.5/10 GE	17.5 A	20	<b>1754290000</b>
<b>Width</b>			
WAP WDK1.5/R3.5	1.5 mm	20	<b>1754200000</b>
EW 15	10 mm	50	<b>0382860000</b>

<b>Identification systems</b>	(see assortment in catalogue 7)
	Marking tags
<b>Note</b>	
DEK 5/3,5	

**WPE 1.5/R3.5**

**1.5 mm<sup>2</sup>**

PE terminal (V0)



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS15x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

3.5 x 24.5 x 25	
/ 1.5	
<b>0.13...1.5</b>	

**Technical data**

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	

IEC 60947-7-2

IEC	UL	CSA
1.5	AWG 26...18	AWG 26...18
400		
6		
	180 A (1.5 mm <sup>2</sup> )	
	3	
	A1 / V-0	

Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Tightening torque range for fixing screw	
Stripping length / Blade size	mm/-

Rated connection	
0.5...1.5 / 1.5...1.5	
0.5...1.5 / 0.5...1.5	
0.3 Nm(M 2)	
7 / 0.4 x 2.5 mm	

**Note**

PZ 6/5 recommended as crimping tool for 1.5 mm<sup>2</sup> with wire end ferrule.

**Ordering data**

Version
green/yellow Wemid (PA)
<b>Note</b>

Type	Qty.	Order No.
WPE 1.5/R3.5	100	<b>1798460000</b>

**Accessories**

End plate / Partition plate	Dark beige Wemid
End bracket	Dark beige Wemid

Type	Width	Qty.	Order No.
WAP WDU1.5/R3.5	1.5 mm	20	<b>1754190000</b>
EW 15	10 mm	50	<b>0382860000</b>

Identification systems (see assortment in catalogue 7)  
Marking tags

DEK 5/3,5

**Note**

## Multi-pole terminal strips for direct mounting

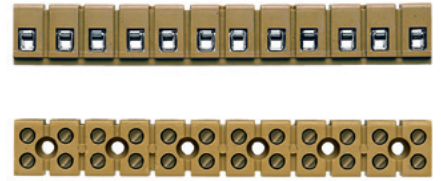
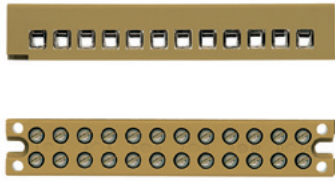
### Screw connection

**MK 2/12**

**2.5 mm<sup>2</sup>**

**MK 3/2...12**

**2.5 mm<sup>2</sup>**



Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

**15 x 86 x 15**  
24 / 4  
**0.2...4**

**15 x 91.25 x 16.1**  
24 / 4  
**0.33...4**

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	

IEC 60947-7-1

IEC	UL	CSA
125	300 (D)	300 (D)
24	10 (D)	10 (D)
2.5	AWG 24...12	AWG 24...12
2.5 kV / 3		
A2 / 5VA		
Rated connection		
0.5...4 / 1.5...2.5		
0.5...2.5 / 0.5...1.5		
0.4 (M 2.5)		
5 / 0.6 x 3.5 mm		

IEC 60947-7-1

IEC	UL	CSA
400	600 (D)	300 (C)
24	5 (D)	25 (C)
2.5	AWG 22...12	AWG 22...12
6 kV / 3		
A2 / 5VA		
Rated connection		
0.5...4 / 1.5...2.5		
0.5...2.5 / 0.5...1.5		
0.4...0.45 Nm (M 2.5)		
5 / 0.6 x 3.5 mm		

### Ordering data

Type	Length	Mounting	Qty.	Order No.	
2-pole					
3-pole					
4-pole					
5-pole					
6-pole					
7-pole					
8-pole					
10-pole					
12-pole	MK 2/12	86 mm	80 mm	50	0241260000
16-pole					

Type	Length	Mounting	Qty.	Order No.
MK 3/2	17.4 mm	18.5 mm	100	0273820000
MK 3/3	26.5 mm	18.5 mm	50	0273920000
MK 3/4	35.75 mm	18.5 mm	50	0274020000
MK 3/5	45 mm	18.5 mm	50	0274120000
MK 3/6	54.25 mm	37 mm	50	0274220000
MK 3/7	63.5 mm	37 mm	50	0274320000
MK 3/8	72.75 mm	55.5 mm	25	0274420000
MK 3/10	91.25 mm	74 mm	20	0274620000
MK 3/12	110 mm	92.5 mm	20	0243520000

### Accessories

Type	Qty.	Order No.
BSTB 28/12/6.35 U 1-12	50	0245700000
BSTB 28/12/6.35 O 1-12	50	0278500000
Marking strips, unprinted		

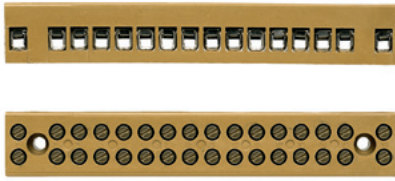
Type	Qty.	Order No.
BSTB 28/12 MK U 1-12	50	0245900000
BSTB 28/8 MK U 1-8	50	0290200000
BSTB 28/6 MK U 1-6	50	0290000000
BSTO 28/12 MK	50	0245800000
BSTO 28/8 MK3/8	50	0284700000
BSTO 28/6 MK	50	0289500000
BSTO 28/4 MK3/4	50	0289300000

(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the "Accessories" section

**MK 4/16**

**2.5 mm<sup>2</sup>**



**17 x 103 x 16**  
24 / 4  
**0.2...4**

IEC 60947-7-1

IEC	UL	CSA
400	150 (C)	150 (C)
24	15 (C)	15 (C)
2.5	AWG 22...12	AWG 22...12
6 kV / 3		
A2 / 5VA		

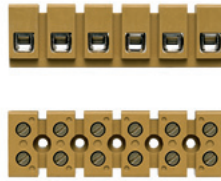


**Rated connection**

0.5...4 / 1.5...2.5  
0.5...2.5 / 0.5...1.5  
0.4...0.45 Nm (M 2.5)  
5 / 0.6 x 3.5 mm

**MK 6/2...6/6**

**6 mm<sup>2</sup>**



**23 x 23.5 x 22**  
41 / 6  
**0.33...6**

IEC 60947-7-1

IEC	UL	CSA
690	300 (C)	300 (C)
41	20 (C)	40 (C)
6	AWG 22...10	AWG 22...10
8 kV / 3		
A3 / 5VA		



**Rated connection**

0.5...6 / 1.5...6  
0.5...6 / 0.5...4  
1.2...2 Nm (M 4)  
9 / 4.0 x 0.8 mm

Type	Length	Mounting	Qty.	Order No.
MK 4/16	103 mm	85.5 mm	20	<b>0244220000</b>

Type	Length	Mounting	Qty.	Order No.
MK 6/2	23.5 mm		50	<b>0620420000</b>
MK 6/3	36.5 mm	13 mm	50	<b>0620320000</b>
MK 6/4	49.5 mm	26 mm	20	<b>0620220000</b>
MK 6/6	75.5 mm	52 mm	20	<b>0620120000</b>

Type	Qty.	Order No.
BSTB 28/16 MK U 1-16	50	<b>0262200000</b>
BSTO 28/16 MK 4/16	50	<b>0262100000</b>

Type	Qty.	Order No.

**Multi-pole terminal strips for direct mounting**

**Screw connection**

**MK 5/2 0.DE**

**2.5 mm<sup>2</sup>**

**KS 2...10**

**2.5 mm<sup>2</sup>**



Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

**18 x 40 x 14**  
24 / 4  
**0.2...4**

**25 x 138 x 20**  
24 / 4  
**0.2...4**

**Technical data**

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	

IEC	UL	CSA
500		300 (C)
24		25 (C)
2.5		AWG 20...14
6 kV / 3		
A2 / 5VA		
®		
Rated connection		
0.5...4 / 1.5...2.5		
0.5...2.5 / 0.5...1.5		
0.4(M 2.5)		
5 / 0.6 x 3.5 mm		

IEC 60947-7-1

IEC	UL	CSA
500	300 (C)	300 (C)
24	20 (C)	25 (C)
2.5	AWG 22...12	AWG 24...12
6 kV / 3		
A2 / 5VA		
®		
Rated connection		
0.5...4 / 1.5...2.5		
0.5...2.5 / 0.5...1.5		
0.5...0.7 Nm (M 3)		
8 / 4.0 x 0.8 mm		

**Ordering data**

Type	Length	Mounting	Qty.	Order No.
2-pole				
3-pole				
4-pole				
6-pole				
10-pole				
12-pole				

Type	Length	Mounting	Qty.	Order No.
MK 5/2 0.DE	40 mm	32 mm	100	0243820000

Type	Length	Mounting	Qty.	Order No.
KS 2 0.D2	42 mm	32 mm	100	0134420000
KS 4 0.D4	66 mm	56 mm	50	0140320000
KS 6 0.D6	90 mm	80 mm	50	0140620000
KS 10 0.D10	138 mm	128 mm	20	0141620000

**Accessories**

Type	Qty.	Order No.
<b>Lid / cover</b>		
D 2 MK5/2 PA/NA	50	0244060000
<b>Marking strips, printed</b>		
<b>Marking strips, unprinted</b>		

Type	Qty.	Order No.
<b>Lid / cover</b>		
D 2 KS2 TP	100	0134500000
D4 KS4 TP	50	0140500000
D6 KS6 TP	50	0140800000
D10 KS10 TP	20	0141800000
<b>Marking strips, printed</b>		
<b>Marking strips, unprinted</b>		

Type	Qty.	Order No.
<b>Lid / cover</b>		
D 2 KS2 TP	100	0134500000
D4 KS4 TP	50	0140500000
D6 KS6 TP	50	0140800000
D10 KS10 TP	20	0141800000
<b>Marking strips, printed</b>		
<b>Marking strips, unprinted</b>		

(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the "Accessories" section.



BK 2...12

4 mm<sup>2</sup>

22 x 92 x 20

32 / 4

0.33...4

IEC 60947-7-1

IEC	UL	CSA
400	150 (C)	300 (D)
32	20 (C)	10 (D)
4	AWG 22...12	AWG 22...12
6 kV / 3		
A3 / 5VA		

**Rated connection**

0.5...4 / 1.5...4

0.5...4 / 0.5...4

0.5...0.6 Nm (M 3)

8 / 4.0 x 0.8 mm

Two solid (single-core) conductors of equal cross-section (0.5 ... 1.5 mm<sup>2</sup>) can be connected.

Type	Length	Mounting	Qty.	Order No.
BK 2 CRN	20 mm		100	0624720000
BK 3 CRN	31 mm	11 mm	100	0624920000
BK 4 CRN	38 mm	18 mm	100	0625120000
BK 6 CRN	52 mm	32 mm	50	0625220000
BK 12 CRN	92 mm	72.5 mm	25	0625320000

Type	Qty.	Order No.
BSTB 28/2 BK U 1-2	50	0203600000
BSTB 28/4 BK U 1-4	50	0197300000
BSTB 28/6 BK U 1-6	50	0197500000
BSTB 28/12 BK U 1-12	50	0198800000
BSTO 28/2 BK	50	0203500000
BSTO 28/3 BK	50	0203700000
BSTO 28/4 BK	50	0197200000
BSTO 28/6 BK	50	0197400000
BSTO 28/12 BK	50	0198700000

**Multi-pole terminal strips for direct mounting**

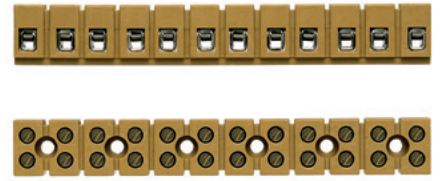
**Screw connection  
ATEX approval**

**BK 2...12/E**

**4 mm<sup>2</sup>**

**MK 3/2...12/E**

**2.5 mm<sup>2</sup>**



Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

<b>22 x 92 x 20</b>
32 / 4
<b>0.33...4</b>

<b>15 x 110 x 16.1</b>
24 / 4
<b>0.33...4</b>

**Technical data**

<b>Rated data</b>	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-

IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
400	150 (C)	300 (D)	275
32	20 (C)	10 (D)	21
4	AWG 22...12	AWG 22...12	4
6 kV / 3			
A3 / 5VA			
		BAS 98ATEX3084 U	
<b>Rated connection</b>			
0.5...4 / 1.5...4			
0.5...4 / 0.5...4			
0.5...0.6 Nm (M 3)			
8 / 4.0 x 0.8 mm			

IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
400	600 (D)	300 (C)	275
24	5 (D)	25 (C)	15
2.5	AWG 22...12	AWG 22...12	2.5
6 kV / 3			
A2 / 5VA			
		BAS 99ATEX2124 U	
<b>Rated connection</b>			
0.5...4 / 1.5...2.5			
0.5...2.5 / 0.5...1.5			
0.4...0.45 Nm (M 2.5)			
5 / 0.6 x 3.5 mm			

Two solid (single-core) conductors of equal cross-section (0.5 ... 1.5 mm<sup>2</sup>) can be connected.

**Ordering data**

Type	Length	Mounting	Qty.	Order No.	
2-pole	BK 2/E	20 mm	100	7906040000	
3-pole	BK 3/E	31 mm	11 mm	100	7906060000
4-pole	BK 4/E	38 mm	18 mm	100	7906080000
5-pole					
6-pole	BK 6/E	52 mm	32 mm	50	7906090000
8-pole					
12-pole	BK 12/E	92 mm	72.5 mm	25	7906100000

Type	Length	Mounting	Qty.	Order No.	
MK 3/2/E	17.4 mm	18.5 mm	100	7906110000	
MK 3/3/E	26.5 mm	18.5 mm	50	7906120000	
MK 3/4/E	35.75 mm	18.5 mm	50	7906130000	
MK 3/6/E	54.25 mm	37 mm	50	7906150000	
MK 3/8/E	72.75 mm	55.5 mm	25	7906170000	
MK 3/12/E	110 mm	92.5 mm	20	7906210000	

**Accessories**

Type	Qty.	Order No.
BSTB 28/2 BK U 1-2	50	0203600000
BSTB 28/4 BK U 1-4	50	0197300000
BSTB 28/6 BK U 1-6	50	0197500000
BSTB 28/12 BK U 1-12	50	0198800000

Type	Qty.	Order No.
BSTO 28/2 BK	50	0203500000
BSTO 28/3 BK	50	0203700000
BSTO 28/4 BK	50	0197200000
BSTO 28/6 BK	50	0197400000
BSTO 28/12 BK	50	0198700000

Type	Qty.	Order No.
BSTB 28/12 MK U 1-12	50	0245900000
BSTB 28/8 MK U 1-8	50	0290200000
BSTB 28/6 MK U 1-6	50	0290000000

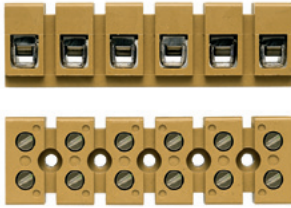
Type	Qty.	Order No.
BSTO 28/12 MK	50	0245800000
BSTO 28/8 MK3/8	50	0284700000
BSTO 28/6 MK	50	0289500000
BSTO 28/4 MK3/4	50	0289300000

(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the "Accessories" section.

MK 6/2...6/E

6 mm<sup>2</sup>



23 x 75.5 x 22  
41 / 6  
0.33...6

IEC 60947-7-1

Ex e II



II 2 G D

IEC	UL	CSA	EN 60079-7
690	300 (C)		440
41	20 (C)		26
6	AWG 22...10		6
8 kV / 3			
A3 / 5VA			

**UL** BAS 99ATEX2123 U

**Rated connection**

0.5...6 / 1.5...6

0.5...6 / 0.5...4

1.2...2 Nm (M 4)

9 / 4.0 x 0.8 mm

Type	Length	Mounting	Qty.	Order No.
MK 6/2/E	23.5 mm		50	7906220000
MK 6/3/E	36.5 mm	13 mm	50	7906230000
MK 6/4/E	49.5 mm	26 mm	20	7906240000
MK 6/5/E	62.5 mm	26 mm	20	7906250000
MK 6/6/E	75.5 mm	52 mm	20	7906260000

Type	Qty.	Order No.

# Weidmüller stud terminals

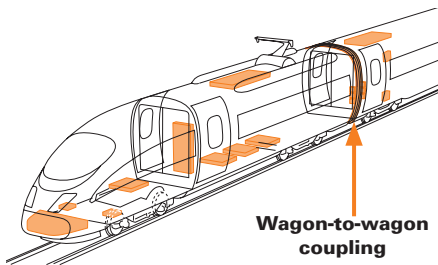
## Safe connections for reliable energy transfer

In harsh environments, robust products are important; but they should also be an affordable solution. Our stud terminals meet these requirements exactly: safe power transmission in connection ranges from 10 mm<sup>2</sup> to 300 mm<sup>2</sup>.

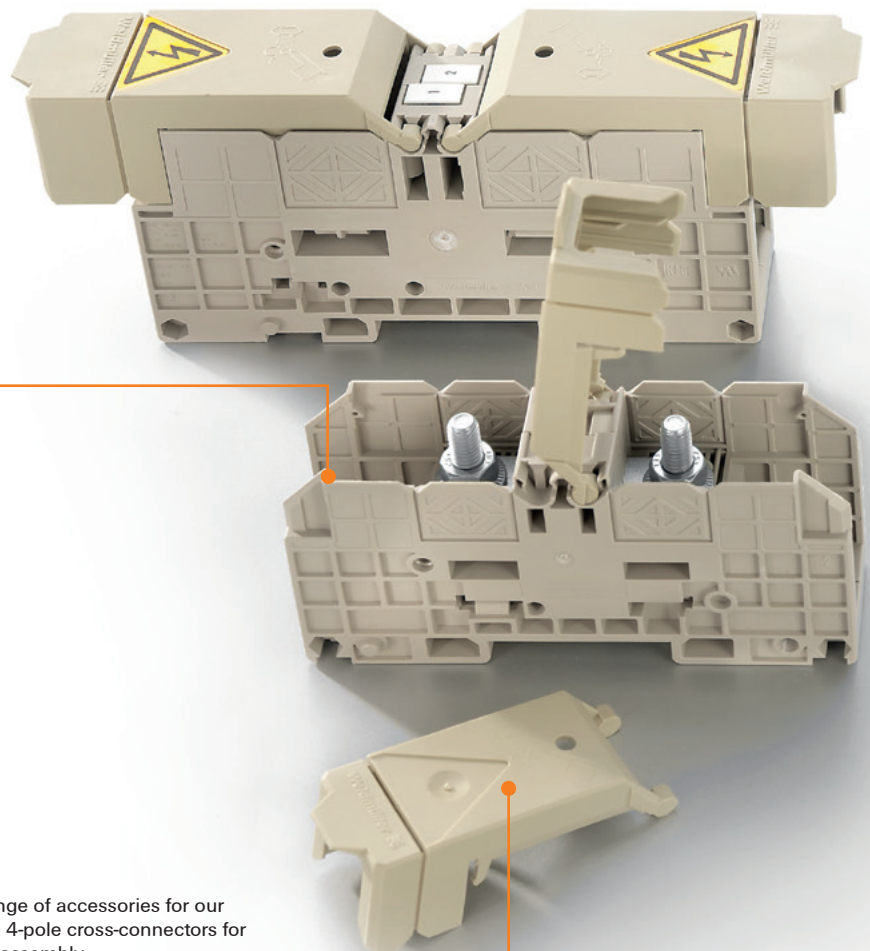
The conductors are attached to the terminals using crimped cable lugs and each connection is secured by tightening the hexagonal nut. A low voltage drop and the use of a self-extinguishing material with a V0 (UL94) flammability rating guarantee maximum safety.

### Fit for Transportation

All stud terminals are tested according to the international railway standards and meet the requirements specified.



Wagon-to-wagon coupling



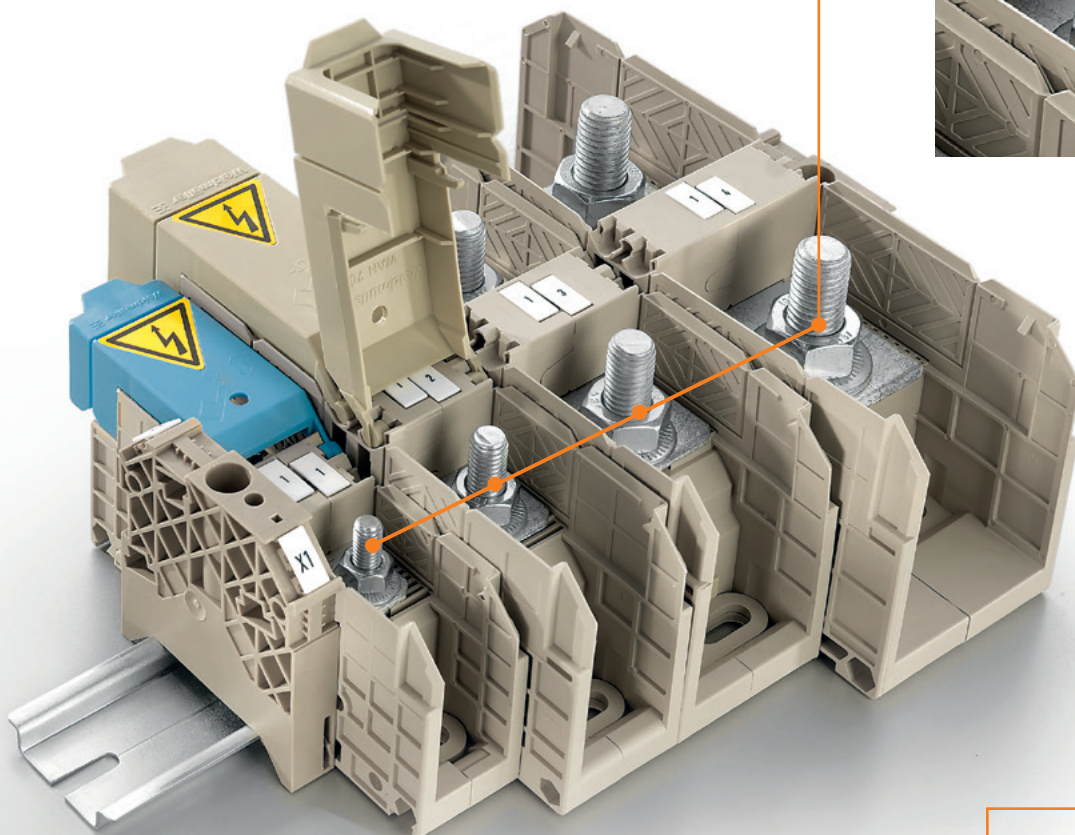
### Flexible accessories

We offer a comprehensive range of accessories for our stud terminals, e.g. 2-, 3-, and 4-pole cross-connectors for potential distribution. Simple assembly.



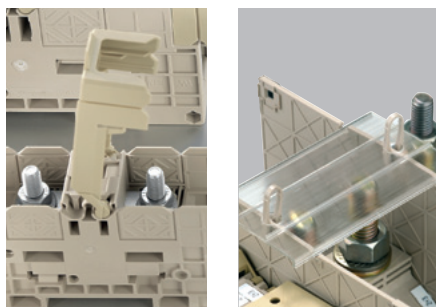
**Variable system**

Stud terminals in bolt sizes M5 to M16  
 For conductors with cable lugs according to DIN 46234 up to 240 mm<sup>2</sup> and DIN 46235 up to 300 mm<sup>2</sup>. Up to four cable lugs per bolt possible.  
 For voltages ranges up to 4,000 V and currents up to 415 A.



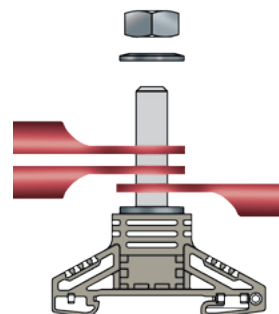
**Safe operation**

Touch-safe protection is guaranteed thanks to cover profiles or the snap-on and screwable cover hoods.



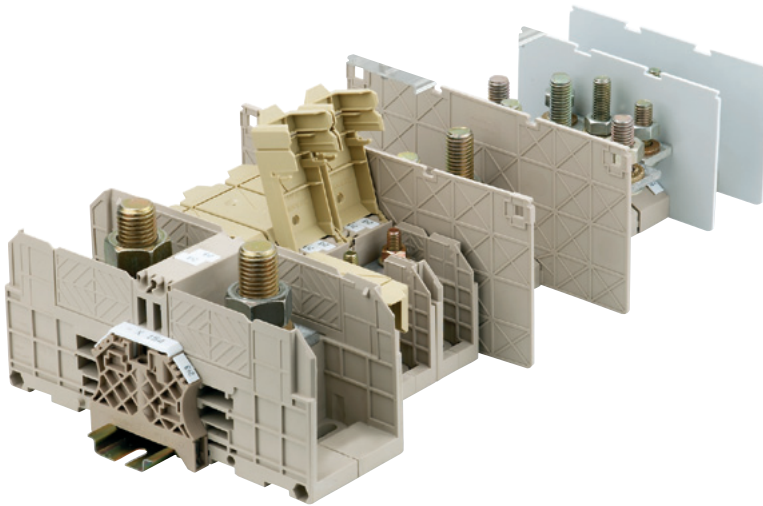
**Usage and handling**

Cable lugs are crimped onto the wire ends to connect the wires.  
 The cable lugs are put on between the washer on the clamp support and the thrust washer on the stud.  
 The back sides of the cable lugs are positioned against each other. As the hex nut is tightened, the cable lugs press against each other to form a secure contact.



# Stud terminals - Accessories

## Series WF and WFF



### Electrical distribution



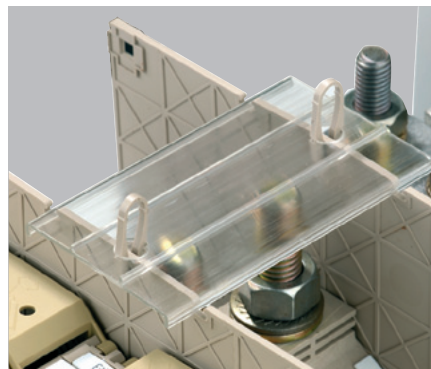
Electrical distribution can be realised between neighbouring stud terminals easily with 2 and 3 poles cross-connections. Cross-connections are also available for different thread sizes from M6 to M8 or M10. In the WFF two-stud terminals, firstly the partition plates have to be removed between the clamped supports. The thin web of material means they can be broken out easily to fit.

### Shock protection



The two-stud terminals in the WF-Series offer, with an integrated hinge cover, a high degree of finger safety. When closed, the cover locks onto the terminal and protects the contact from accidental contact.

### Shock protection / partition plates



Shock protection in the WF-Series is provided by partition plates WTW and transparent cover strips ADP. The cover strips are locked into the guides of the partition plates and held with clips to prevent them slipping to the side. Partition plates ensure compliance with the rated voltages:

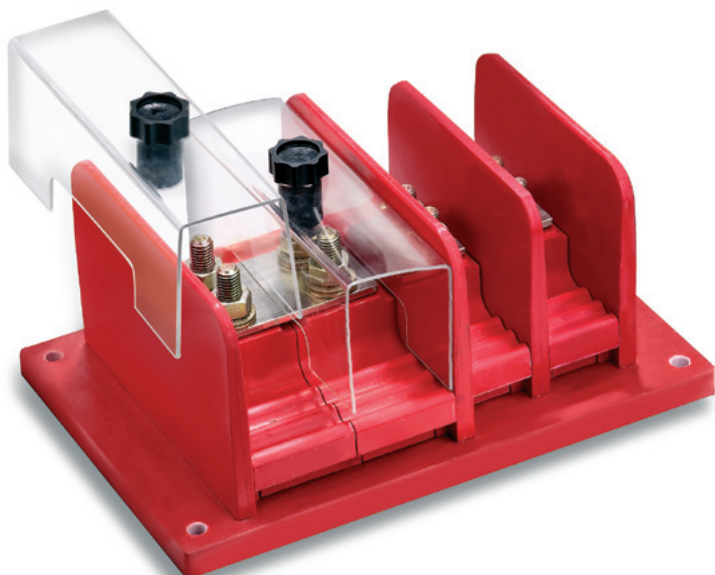
- Voltage range up to 1000 V with partition plate WTW WF
- Voltage range up to 2300 V for WF with epoxy partition plate WTW WF 2300

### Connection



Couldn't be easier: the cable lugs are placed on the stud with the washer and toothed washer on top. A normal open-ended spanner can be used to tighten the hex screw and complete installation.

**Series ST 4000**



**Shock protection**



Stud terminals in the ST 4000 series offer an ideal cover for every version. The polycarbonate cover is placed between the partition plates and fastened to the stud with the plastic-coated fixing nut.

Fixing nuts are available to fit every stud size.

**Potential distribution**



When two neighbouring ST 4000 terminals have the same current, cross-connectors are fitted instead of the busbar.

The pairs of holes in the cross-connection are rated exactly to the spacing of ST 4000.

Here the partition plate has to be replaced by the connecting piece ST 4000/S C130 or ST 4000/L C160.

Cross-connections are available as 2-, 3-, or 4-poles.

**Connection**



Couldn't be easier: the cable lugs are placed on the stud with the washer and toothed washer on top. Tighten the steel hexagonal nut to ensure good contact between cable lug and busbar.

The same principle applies when two cable lugs contact on one stud or slotted hole cable lugs are used.

Slotted hole cable lugs can also be placed over both studs.

## Single-stud terminals

## WF-series

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm <sup>2</sup>

## Technical data

Rated data with Wemid partition wall	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped cable lugs	
Cable lug to DIN 46234	
2 x cable lugs DIN 46 234	
Cable lug to DIN 46235	
2 x cable lugs DIN 46 235	
Tightening torque range	
Note	

## Ordering data

Version	Dark beige Wemid
Note	

## Accessories

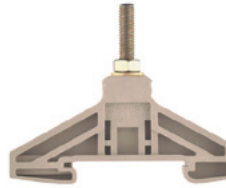
Cross-connection	
	2-pole
	3-pole
	4-pole
Partition plate	
	Dark beige Wemid
	Beige epoxy resin
End bracket	
	Dark beige Wemid
Hood transparent	
	Hood transparent
Holder for shrouding cover transparent	
	Holder for shrouding cover transparent

Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	

## WF 5

16 mm<sup>2</sup>

Screw thread M5



13 x 67 x 56  
76 / 16  
0.1...16

IEC	UL	CSA
1000	1000 (C)	1000 (C)
76	85 (C)	85 (C)
16	AWG 10...4	AWG 10...4
8 kV / 3 / V-0		
0.1...16 mm <sup>2</sup>		
0.1...16 mm <sup>2</sup>		
6...10 mm <sup>2</sup>		
6...10 mm <sup>2</sup>		
2...4 Nm		

Type	Qty.	Order No.
WF 5	25	1790130000
1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.		

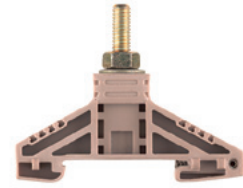
Type	current	Qty.	Order No.
WQL 2 WF5	101 A	5	1812710000
WQL 3 WF5		5	1812740000
Width			
WTW WF6-WF12	2.5 mm	20	1781240000
WTW WF6 2300	3 mm	20	1781230000
WEW 35/2	8 mm	100	1061200000
ADP WF6/WF8		1	1780930000
HA ADP WF6/WF10	2.2 mm	10	1781050000

Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	
	WS 12/5
	With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1.

## WF 6

35 mm<sup>2</sup>

Screw thread M6



17.8 x 67 x 56  
125 / 35  
2.5...35

IEC	UL	CSA
1000	1000 (C)	1000 (C)
125	115 (C)	150 (C)
35	AWG 14...2	AWG 14...2
8 kV / 3 / V-0		
2.5...35 mm <sup>2</sup>		
2.5...35 mm <sup>2</sup>		
6...25 mm <sup>2</sup>		
6...25 mm <sup>2</sup>		
3...6 Nm		

Type	Qty.	Order No.
WF 6	25	1780850000
1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.		

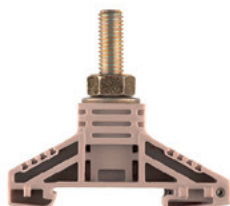
Type	current	Qty.	Order No.
WQL 2 WF6	125 A	5	1780970000
WQL 3 WF6	125 A	5	1780980000
Width			
WTW WF6	3 mm	20	1781220000
WTW WF6 2300	3 mm	20	1781230000
WEW 35/2	8 mm	100	1061200000
ADP WF6/WF8		1	1780930000
HA ADP WF6/WF10	2.2 mm	10	1781050000

Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	
	WS 10/6
	With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1.



**WF 8** **50 mm<sup>2</sup>**

Screw thread M8



22.8 x 67 x 65  
**150 / 50**  
**2.5...50**

IEC	UL	CSA
1000	1000 (C)	1000 (C)
150	150 (C)	200 (C)
50	AWG 14...0	AWG 14...0

8 kV / 3  
/ V-0



- 2.5...50 mm<sup>2</sup>
- 2.5...50 mm<sup>2</sup>
- 6...35 mm<sup>2</sup>
- 6...35 mm<sup>2</sup>
- 6...12 Nm

The WQL 2 for WF 6 on the WF 8 is available under Order no. 1808980000.

Type	Qty.	Order No.
WF 8	25	<b>1780860000</b>

1000 V UL and CSA for usage groups B and C; can be used with isolating DIN rails and when using WTW-type partitions.

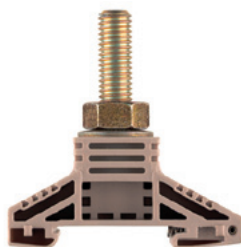
Type	current	Qty.	Order No.
WQL 2 WF8	150 A	5	<b>1780990000</b>
WQL 3 WF8	150 A	5	<b>1781000000</b>
<b>Width</b>			
WTW WF8	3 mm	20	<b>1780900000</b>
WTW WF8 2300	3 mm	20	<b>1780910000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>
ADP WF6/WF8		1	<b>1780930000</b>
HA ADP WF6/WF10	2.2 mm	10	<b>1781050000</b>

WS 10/6

With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1.

**WF 10** **120 mm<sup>2</sup>**

Screw thread M10



33.8 x 67 x 74  
**269 / 120**  
**6...120**

IEC	UL	CSA
1000	1000 (C)	1000 (C)
269	255 (C)	320 (C)
120	AWG 10...250	AWG 10...250

8 kV / 3  
/ V-0



- 6...120 mm<sup>2</sup>
- 6...120 mm<sup>2</sup>
- 10...95 mm<sup>2</sup>
- 10...95 mm<sup>2</sup>
- 10...20 Nm

The WQL 2 for WF 6 on the WF 10 is available under Order no. 1806620000.

Type	Qty.	Order No.
WF 10	20	<b>1780870000</b>

1000 V UL and CSA for usage groups B and C; can be used with isolating DIN rails and when using WTW-type partitions.

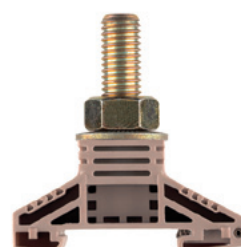
Type	current	Qty.	Order No.
WQL 2 WF10	265 A	5	<b>1781010000</b>
WQL 3 WF10	265 A	5	<b>1781020000</b>
WQL 4 WF10		5	<b>1027840000</b>
<b>Width</b>			
WTW WF10/WF12	3 mm	20	<b>1780890000</b>
WTW WF10/WF12 2300	3 mm	20	<b>1780920000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>
ADP WF10/WF12		1	<b>1780940000</b>
HA ADP WF6/WF10	2.2 mm	10	<b>1781050000</b>

WS 10/6

With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1.

**WF 12** **120 mm<sup>2</sup>**

Screw thread M12



33.8 x 67 x 72  
**269 / 120**  
**6...120**

IEC	UL	CSA
1000	1000 (C)	1000 (C)
269	255 (C)	320 (C)
120	AWG 10...250	AWG 10...250

8 kV / 3  
/ V-0



- 6...120 mm<sup>2</sup>
- 6...120 mm<sup>2</sup>
- 10...95 mm<sup>2</sup>
- 10...95 mm<sup>2</sup>
- 14...31 Nm

Type	Qty.	Order No.
WF 12	20	<b>1780880000</b>

1000 V UL and CSA for usage groups B and C; can be used with isolating DIN rails and when using WTW-type partitions.

Type	current	Qty.	Order No.
WQL 2 WF12	265 A	5	<b>1781030000</b>
WQL 3 WF12	265 A	5	<b>1781040000</b>
<b>Width</b>			
WTW WF10/WF12	3 mm	20	<b>1780890000</b>
WTW WF10/WF12 2300	3 mm	20	<b>1780920000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>
ADP WF10/WF12		1	<b>1780940000</b>
HA ADP WF6/WF10	2.2 mm	10	<b>1781050000</b>

WS 10/6

With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1.

## Twin stud terminals

## WF 2BZ

## WF 6/2BZ

35 mm<sup>2</sup>

## WF 8/2BZ

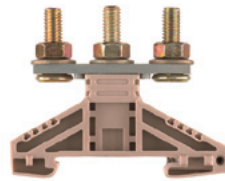
50 mm<sup>2</sup>

Screw thread M6

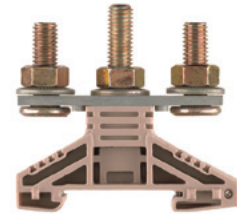
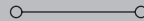
Screw thread M8

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

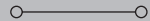
Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



17.8 x 67 x 56  
**125 / 35**  
**2.5...35**



22.8 x 67 x 65  
**150 / 50**  
**2.5...50**



## Technical data

## Rated data with Wemid partition wall

Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	

## Clamped cable lugs

Cable lug to DIN 46234
2 x cable lugs DIN 46 234
Cable lug to DIN 46235
2 x cable lugs DIN 46 235
Tightening torque range

## Note

IEC	UL	CSA
1000	1000 (C)	
125	115 (C)	
35	AWG 14...2	
8 kV / 3		
/ V-0		

## UL

2.5...35 mm <sup>2</sup>
2.5...35 mm <sup>2</sup>
6...25 mm <sup>2</sup>
6...25 mm <sup>2</sup>
3...6 Nm

IEC	UL	CSA
1000	1000 (C)	
150	150 (C)	
50	AWG 14...0	
8 kV / 3		
/ V-0		

## UL

2.5...50 mm <sup>2</sup>
2.5...50 mm <sup>2</sup>
6...35 mm <sup>2</sup>
6...35 mm <sup>2</sup>
6...12 Nm

## Ordering data

Version	Dark beige Wemid
Note	

Type	Qty.	Order No.
WF 6/2BZ	25	<b>1789770000</b>
1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.		

Type	Qty.	Order No.
WF 8/2BZ	25	<b>1789780000</b>
1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.		

## Accessories

Cross-connection	2-pole
	3-pole
Partition plate	Dark beige Wemid
	Beige epoxy resin
End bracket	Dark beige Wemid
Hood transparent	Hood transparent
Holder for shrouding cover transparent	Holder for shrouding cover transparent

Type	current	Qty.	Order No.
WQL 2 WF6	125 A	5	<b>1780970000</b>
WQL 3 WF6	125 A	5	<b>1780980000</b>
Width			
WTW WF10/WF12	3 mm	20	<b>1780890000</b>
WTW WF6 2300	3 mm	20	<b>1781230000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>
ADP WF10/WF12		1	<b>1780940000</b>
HA ADP WF6/WF10	2.2 mm	10	<b>1781050000</b>

Type	current	Qty.	Order No.
WQL 2 WF8	150 A	5	<b>1780990000</b>
WQL 3 WF8	150 A	5	<b>1781000000</b>
Width			
WTW WF10/WF12	3 mm	20	<b>1780890000</b>
WTW WF8 2300	3 mm	20	<b>1780910000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>
ADP WF10/WF12		1	<b>1780940000</b>
HA ADP WF6/WF10	2.2 mm	10	<b>1781050000</b>

Identification systems	(see assortment in catalogue 7)
	Marking tags

## Note

## WS 12/5

With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1.

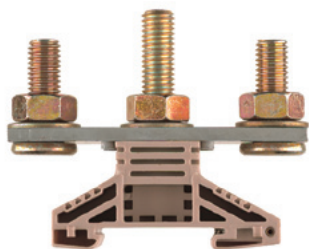
## WS 12/5

With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1.

WF 10/2BZ

120 mm<sup>2</sup>

Screw thread M10



33.8 x 87.6 x 74

269 / 120

6...120



IEC	UL	CSA
1000	1000 (C)	
269	255 (C)	
120	AWG 10...250	
	8 kV / 3	
	/ V-0	

**9L**

6...120 mm<sup>2</sup>6...120 mm<sup>2</sup>10...95 mm<sup>2</sup>10...95 mm<sup>2</sup>

10...20 Nm

Type	Qty.	Order No.
WF 10/2BZ	20	1789790000

1000 V UL and CSA for usage groups B and C; can be used with isolating DIN rails and when using WTW-type partitions.

Type	current	Qty.	Order No.
WQL 2 WF10	265 A	5	1781010000
WQL 3 WF10	265 A	5	1781020000
	<b>Width</b>		
WTW WF10/WF12	3 mm	20	1780890000
WTW WF10/WF12 2300	3 mm	20	1780920000
WEW 35/2	8 mm	100	1061200000
ADP WF10/WF12		1	1780940000
HA ADP WF6/WF10	2.2 mm	10	1781050000

With WTW...2300 made from epoxy resin, rated current 1500 V up to 70 mm<sup>2</sup> according to prelim. EN 50124 pt 1.

**Twin stud terminals**

**WFF series**

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

**Technical data**

Rated data with Wemid partition wall	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	

**Clamped cable lugs**

Cable lug to DIN 46234 / 2 x cable lugs DIN 46 234  
 Cable lug to DIN 46235 / 2 x cable lugs DIN 46 235  
 Tightening torque, min.

**Note**

**Ordering data**

Version	
	Dark beige Wemid
	Dark beige Wemid
	Blue Wemid

**Note**

**Accessories**

Cross-connection	
	2-pole
	3-pole
Partition plate	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Hood	
	Hood, dark beige Wemid
Warning triangle for power supply terminals	

<b>Identification systems</b>	(see assortment in catalogue 7)
	Marking tags

**Note**

**WFF 35**

**35 mm<sup>2</sup>**

Screw thread M6



27 x 107 x 59.5
<b>150 / 50</b>
<b>2.5...50</b>

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000 (C)	600 (C)	1100
125	115 (C)	130 (C)	109
35	AWG 14...2	AWG 14...2	35
8 kV / 3			
/ V-0			

KEMA 98ATEX1684 U

2.5...50 mm <sup>2</sup> /
6...25 mm <sup>2</sup> /
3

Type	Qty.	Order No.
WFF 35	10	<b>1028300000</b>
WFF 35/AH	5	<b>1029300000</b>
WFF 35 BL	10	<b>1028380000</b>

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

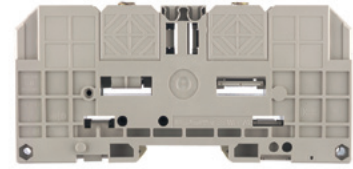
Type	current	Qty.	Order No.
WQL 2 WFF35	150 A	5	<b>1064900000</b>
WQL 3 WFF35	150 A	5	<b>1065400000</b>
Width			
WTW WFF35	2 mm	10	<b>1067100000</b>
Width			
WEW 35/1	12 mm	50	<b>1059000000</b>
WAH 35	26 mm	20	<b>1064460000</b>
WD 1 25 K KARTE A 6 ST		5	<b>1563900000</b>

WS 12/6,5
WAH 35 in blue, Order no. 1064480000

**WFF 70**

**70 mm<sup>2</sup>**

Screw thread M8



32 x 132 x 69.5
<b>232 / 95</b>
<b>2.5...95</b>

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000 (C)	600 (C)	1100
192	175 (C)	170 (C)	167
70	AWG 14...00	AWG 14...00	70
8 kV / 3			
/ V-0			

KEMA 98ATEX1684 U

2.5...95 mm <sup>2</sup> /
16...70 mm <sup>2</sup> /
6

When connecting cable lugs (in accordance with DIN 46234) with 70 and 95 mm<sup>2</sup>, the rated voltage is reduced to 800 V.

Type	Qty.	Order No.
WFF 70	10	<b>1028400000</b>
WFF 70/AH	5	<b>1029400000</b>
WFF 70 BL	10	<b>1028480000</b>

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

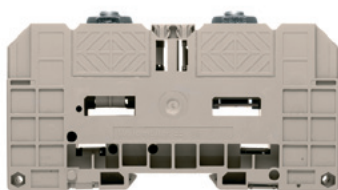
Type	current	Qty.	Order No.
WQL 2 WFF70	232 A	5	<b>1065000000</b>
WQL 3 WFF70	232 A	5	<b>1065500000</b>
Width			
WTW WFF70	2 mm	10	<b>1067200000</b>
Width			
WEW 35/1	12 mm	50	<b>1059000000</b>
WAH 70 BE	31 mm	20	<b>1064560000</b>
WD 1 25 K KARTE A 6 ST		5	<b>1563900000</b>

WS 12/6,5
WAH 70 in blue, Order no. 1064580000

**WFF 120**

**120 mm<sup>2</sup>**

Screw thread M10



38 x 229.5 x 88.5  
**41 / 150**  
**6...150**



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
400	1000 (C)	600 (C)	275
32	310 (C)	310 (C)	21
4	AWG 10...250	AWG 10...250	4

6 kV / 3  
 / V-0



KEMA 98ATEX1684 U

6...150 mm<sup>2</sup> /  
 16...150 mm<sup>2</sup> /  
 10

Type	Qty.	Order No.
WFF 120	5	1028500000
WFF 120/AH	4	1029500000
WFF 120 BL	5	1028580000

1000 V UL and CSA for usage groups B and C; can be used with isolating DIN rails and when using WTW-type partitions.

Type	current	Qty.	Order No.
WQL 2 WFF120	309 A	5	1065100000
WQL 3 WFF120	309 A	5	1065600000
<b>Width</b>			
WTW WFF120	2 mm	10	1067300000
WEW 35/1	12 mm	50	1059000000
WAH 120	41 mm	20	1064660000
WD 1 25 K KARTE A 6 ST		5	1563900000

WS 12/6,5

WAH 120 in blue, Order no. 1064650000

**WFF 185**

**185 mm<sup>2</sup>**

Screw thread M12



55 x 163 x 87  
**415 / 240**  
**10...240**



Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000 (C)	600 (C)	1100
353	380 (C)	360 (C)	307
185	AWG 8...500	AWG 8...500	185

8 kV / 3  
 / V-0



KEMA 98ATEX1684 U

10...240 mm<sup>2</sup> /  
 25...240 mm<sup>2</sup> /  
 14

Type	Qty.	Order No.
WFF 185	4	1028600000
WFF 185/AH	2	1029600000
WFF 185 BL	4	1028680000

1000 V UL and CSA for usage groups B and C; can be used with isolating DIN rails and when using WTW-type partitions.

Type	current	Qty.	Order No.
WQL 2 WFF185	415 A	5	1065200000
WQL 3 WFF185	415 A	5	1065700000
<b>Width</b>			
WTW WFF185/300	2 mm	10	1067400000
WEW 35/1	12 mm	50	1059000000
WAH 185/300 BE	54 mm	10	1064760000
WD 1 25 K KARTE A 6 ST		5	1563900000

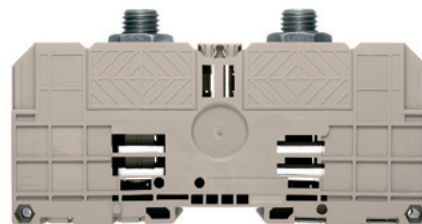
WS 12/6,5

WAH 185/300 in blue, Order no. 1064780000

**WFF 300**

**300 mm<sup>2</sup>**

Screw thread M16



55 x 163 x 94  
**520 / 300**  
**25...300**



Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000 (C)	600 (C)	1100
520	500 (C)	510 (C)	452
300	AWG 6...600	AWG 6...600	300

8 kV / 3  
 / V-0



KEMA 98ATEX1684 U

25...240 mm<sup>2</sup> /  
 50...300 mm<sup>2</sup> /  
 25

Type	Qty.	Order No.
WFF 300	4	1028700000
WFF 300/AH	2	1029700000

1000 V UL and CSA for usage groups B and C; can be used with isolating DIN rails and when using WTW-type partitions.

Type	current	Qty.	Order No.
WQL 2 WFF300	520 A	5	1065300000
WQL 3 WFF300	520 A	5	1065800000
<b>Width</b>			
WTW WFF185/300	2 mm	10	1067400000
WEW 35/1	12 mm	50	1059000000
WAH 185/300 BE	54 mm	10	1064760000
WD 1 25 K KARTE A 6 ST		5	1563900000

WS 12/6,5

WAH 185/300 in blue, Order no. 1064780000

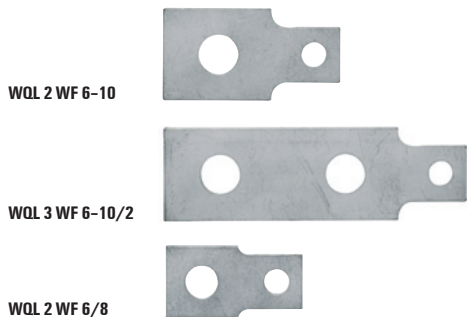
# Accessories for stud terminals

## Potential distribution

The power distribution between neighbouring stud terminals can be achieved simply with the use of 2- and 3-pole cross-connections (see the section under stud terminals). However, a cross-section reduction is required in special cases. These so-called cross-connection lugs are available for thread sizes from M6 to M10 and can be combined as required. This is helpful for power supplies and power distribution, for example.

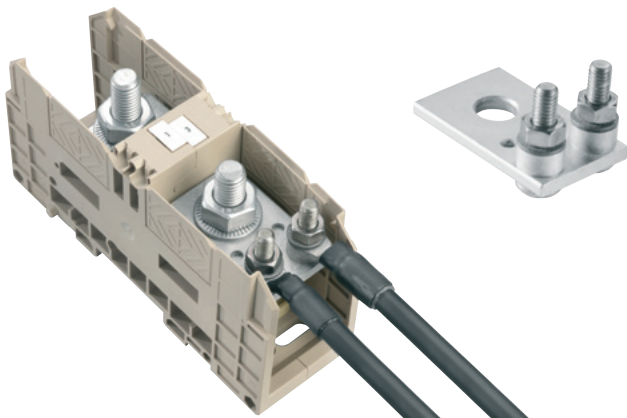
## WQL

### Special cross-connection lugs



Type	Current [A]	Qty.	Order No.	Primary stud connection [M...]	Neighbouring stud connection [M...]
WQL 2 WF 6-10 t = 4 mm	125	5	1806620000	WF 6 = 1 pole M 6	1 x WF 10 = 1 pole M 10
WQL 3 WF 6-10/2 t = 4 mm	125	5	1806640000	WF 6 = 1 pole M 6	2 x WF 10 = 2 poles M 10
WQL 2 WF 6/8 t = 4 mm	125	5	1808980000	WF 6 = 1 pole M 6	1 x WF 8 = 1 pole M 8
WQL 4 WF 8-6/3 t = 4 mm	125	5	1904960000	WF 8 = 1 pole M 8	3 x WF 6 = 3 poles M 6

### Potential distribution from stud terminals M10 to 2 x M6



Type	Qty.	Order No.
SMSE WF10/2xM6	10	1868880000

Hole diameter: 10 mm for M10 bolts  
Stud terminals: WF 10... and WFF 120  
The nominal current depends on the test assembly.

## WF



### Cross-connections

Type	Current	Qty.	Order No.
<b>WF 5</b>			
2-pole WQL WF5	101 A	5	1812710000
3-pole WQL WF5	101 A	5	1812740000
<b>WF 6</b>			
2-pole WQL 2 WF6	125 A	5	1780970000
3-pole WQL 3 WF6	125 A	5	1780980000
<b>WF 8</b>			
2-pole WQL 2 WF8	150 A	5	1780990000
3-pole WQL 3 WF8	150 A	5	1781000000
<b>WF 10</b>			
2-pole WQL 2 WF10	265 A	5	1781010000
3-pole WQL 3 WF10	265 A	5	1781020000
4-pole WQL 4 WF10	265 A	5	1027840000
<b>WF 12</b>			
2-pole WQL 2 WF12	265 A	5	1781030000
3-pole WQL 3 WF12	265 A	5	1781040000
<b>WF 6/2BZ</b>			
2-pole WQL 2 WF6	125 A	5	1780970000
3-pole WQL 3 WF6	125 A	5	1780980000
<b>WF 8/2BZ</b>			
2-pole WQL 2 WF8	150 A	5	1780990000
3-pole WQL 3 WF8	150 A	5	1781000000
<b>WF 10/2BZ</b>			
2-pole WQL 2 WF10	265 A	5	1781010000
3-pole WQL 3 WF10	265 A	5	1781020000
<b>WFF 35</b>			
2-pole WQL 2 WFF35	150 A	5	1064900000
3-pole WQL 3 WFF35	150 A	5	1065400000
<b>WFF 70</b>			
2-pole WQL 2 WFF70	232 A	5	1065000000
3-pole WQL 3 WFF70	232 A	5	1065500000
<b>WFF 120</b>			
2-pole WQL 2 WFF120	309 A	5	1065100000
3-pole WQL 3 WFF120	309 A	5	1065600000
<b>WFF 185</b>			
2-pole WQL 2 WFF185	415 A	5	1065200000
3-pole WQL 3 WFF185	415 A	5	1065700000
<b>WFF 300</b>			
2-pole WQL 2 WFF300	520 A	5	1065300000
3-pole WQL 3 WFF300	520 A	5	1065800000

**WF-series partitions**



Type	Colour	Width	Qty.	Order No.
WTW WF6-WF12	dark beige Wemid	2.5 mm	20	1781240000
WTW WF6	dark beige Wemid	2 mm	20	1781220000
WTW WF8	dark beige Wemid	2 mm	20	1780900000
WTW WF10/WF12	dark beige Wemid	2 mm	20	1780890000

**WFF-series partitions**



Type	Width	Qty.	Order No.
WTW WFF35	2 mm	10	1067100000
WTW WFF70	2 mm	10	1067200000
WTW WFF120	2 mm	10	1067300000
WTW WFF185/300	2 mm	10	1067400000

**Hood, transparent**



Type	Colour	Qty.	Order No.
WAH 35	dark beige Wemid	20	1064460000
WAH 70 BE	dark beige Wemid	20	1064560000
WAH 120	dark beige Wemid	20	1064660000
WAH 185/300 BE	dark beige Wemid	10	1064760000

**WF-series 2300 V partitions**



Type	Colour	Width	Qty.	Order No.
WTW WF6 2300	beige, Epoxy resin	2 mm	20	1781230000
WTW WF8 2300	beige, Epoxy resin	2 mm	20	1780910000
WTW WF10/WF12 2300	beige, Epoxy resin	2 mm	20	1780920000

**Warning triangle for power supply terminals**



Type	Qty.	Order No.
WD 1 25 K KARTE A 6	5	1563900000

## Twin stud terminals - ST 4000

### ST 4000 (up to 4 kV)

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

#### Technical data

Rated data with Wemid partition wall	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	

Clamped cable lugs	
Cable lug to DIN 46234	
2 x cable lugs DIN 46 234	
Cable lug to DIN 46235	
2 x cable lugs DIN 46 235	
Tightening torque range	

**Note**

#### Ordering data

Version	
	red
	with internal thread

**Note**

#### Accessories

Cross-connection	
	2-pole
	3-pole
	4-pole
Busbar	
	M8 / 4 mm thick
	M10 / 4 mm thick
	M10 / 6 mm thick
	M12 / 4 mm thick
	M12 / 6 mm thick
Connecting piece	
	130 mm length
	160 mm length
Partition plate	
	150 mm length
	180 mm length
End partition	
	150 mm length
	180 mm length
Touch-safe protection	
	150 mm length
	180 mm length

(see assortment in catalogue 7)

**Note**

### ST 4000/S M8

120 mm<sup>2</sup>

Screw thread M8



40 x 150 x 84	
269 /	

IEC	UL	CSA
4000		
269		
120		
30 kV / 3 / V-0		

Clamped cable lugs	
1.5 - 120 mm <sup>2</sup>	
16...70 mm <sup>2</sup>	
6...12 Nm	

Rated voltage when using cable lugs according to DIN 46234

Type	Qty.	Order No.
ST 4000/S M8	25	1809110000
ST 4000/S M8 F	25	1809120000

Weidmüller creates drawings according to the customer specified ST 4000 application.

Type	current	Qty.	Order No.
ST 4000/S J2 M8		100	1809310000
ST 4000/S J3 M8		50	1809320000

Width			
ST 4000/S CB M8/4	100	1809250000	

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ST 4000/S C130	50	1809230000	
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ST 4000/S P150	10 mm	50	1809190000
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--	--	--	--

ST 4000/S E150	10 mm	50	1809210000
----------------	-------	----	------------

--	--	--	--

ST 4000/S S150	20	1809470000	
----------------	----	------------	--

### ST 4000/S M10

120 mm<sup>2</sup>

Screw thread M10



40 x 150 x 84	
269 /	

IEC	UL	CSA
4000		
269		
120		
30 kV / 3 / V-0		

Clamped cable lugs	
4 - 120 mm <sup>2</sup>	
10...20 Nm	

Rated voltage when using cable lugs according to DIN 46234

Type	Qty.	Order No.
ST 4000/S M10	25	1809130000
ST 4000/S M10 F	25	1809140000

Weidmüller creates drawings according to the customer specified ST 4000 application.

Type	current	Qty.	Order No.
ST 4000/S J2 M10		100	1809340000
ST 4000/S J3 M10		50	1809350000
ST 4000/S J4 M10		25	1809360000

Width			
ST 4000/S CB M10/4	100	1809260000	
ST 4000/S CB M10/6	100	1809270000	

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--	--	--	--

ST 4000/S C130	50	1809230000	
----------------	----	------------	--

ST 4000/S P150	10 mm	50	1809190000
----------------	-------	----	------------

--	--	--	--

ST 4000/S E150	10 mm	50	1809210000
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--	--	--	--

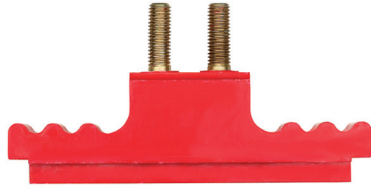
ST 4000/S S150	20	1809470000	
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**ST 4000/L M10**

**150 mm<sup>2</sup>**

Screw thread M10



55 x 180 x 90

**309 /**

...



IEC	UL	CSA
4000		
309		
150		
29.5 kV / 3 / V-0		
10 - 150 mm <sup>2</sup>		
25 - 150 mm <sup>2</sup>		
10...20 Nm		
Rated voltage when using cable lugs according to DIN 46234		

Type	Qty.	Order No.
ST 4000/L M10	15	<b>1809150000</b>
ST 4000/L M10 F	15	<b>1809160000</b>
Weidmüller creates drawings according to the customer specified ST 4000 application.		

Type	current	Qty.	Order No.
ST 4000/L J2 M10		50	<b>1809370000</b>
Width			
ST 4000/L CB M10/4		100	<b>1809280000</b>
ST 4000/L C160		50	<b>1809240000</b>
ST 4000/L P180	10 mm	50	<b>1809200000</b>
ST 4000/L E180	10 mm	50	<b>1809220000</b>
ST 4000/L S180		1	<b>1809480000</b>

**ST 4000/L M12**

**240 mm<sup>2</sup>**

Screw thread M12



55 x 180 x 90

**415 /**

...



IEC	UL	CSA
4000		
415		
240		
29.5 kV / 3 / V-0		
10...240 mm <sup>2</sup>		
25...240 mm <sup>2</sup>		
14...31 Nm		
Rated voltage when using cable lugs according to DIN 46234		

Type	Qty.	Order No.
ST 4000/L M12	15	<b>1809170000</b>
ST 4000/L M12 F	15	<b>1809180000</b>
Weidmüller creates drawings according to the customer specified ST 4000 application.		

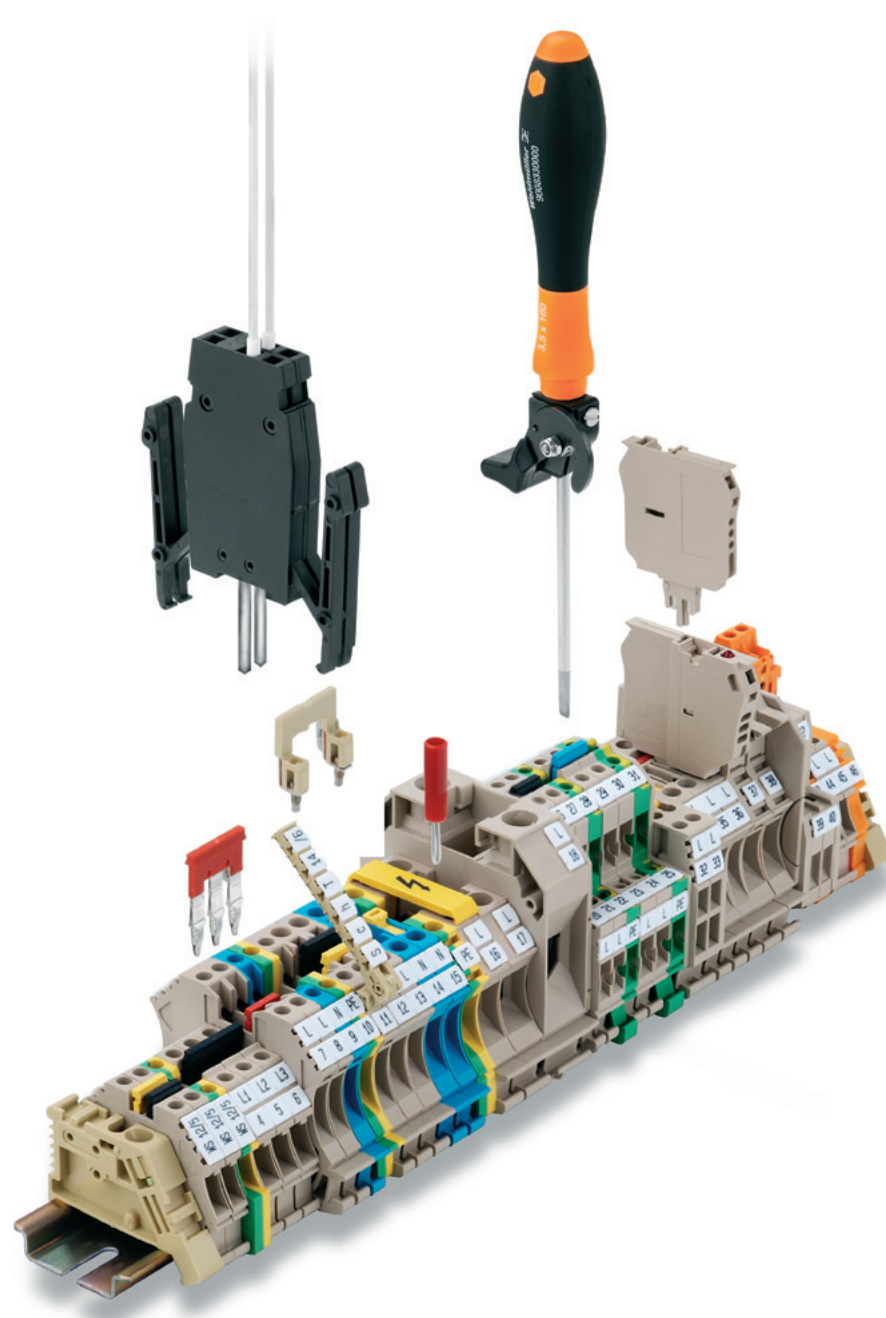
Type	current	Qty.	Order No.
ST 4000/L J2 M12		50	<b>1809400000</b>
ST 4000/L J3 M12		50	<b>1809410000</b>
ST 4000/L J4 M12		25	<b>1809420000</b>
Width			
ST 4000/L CB M12/4		100	<b>1809290000</b>
ST 4000/L CB M12/6		100	<b>1809300000</b>
ST 4000/L C160		50	<b>1809240000</b>
ST 4000/L P180	10 mm	50	<b>1809200000</b>
ST 4000/L E180	10 mm	50	<b>1809220000</b>
ST 4000/L S180		1	<b>1809480000</b>

For assembly planning and accessories, please contact our customer-specific solutions division. Also see Chapter V - Weidmüller Solutions & Services.

## Extra functions

Weidmüller offers the user of W-Series terminals a comprehensive range of accessories, providing optimum solutions to every conceivable task – even outside the range of standard functions.

All Weidmüller accessories are built to the same high quality standards as the terminals themselves.



### Visual separation – Side covers

Page D.156

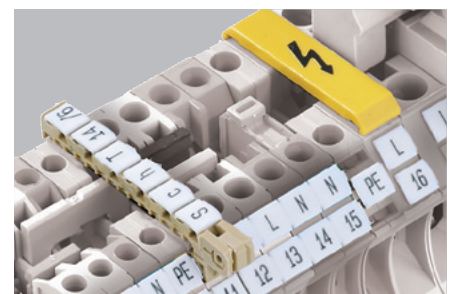


To guarantee “finger-safe” use of terminals, the open sides are covered with end plates and partition plates to prevent any contact with conducting parts.

End plates and partition plates also come in different colours so that they can be used for visual separation of different circuits.

### Labelling

Page D.176

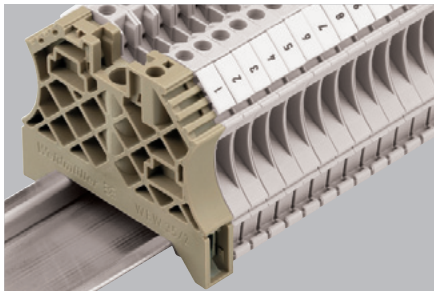


Weidmüller’s labelling systems in **chapter F** are used to label screw terminals.

Individual clamping points, terminal groups and conductors can be marked. The cover (WAD) can also be used for labelling mains supply points (see page **D.168**)

**Fastening**

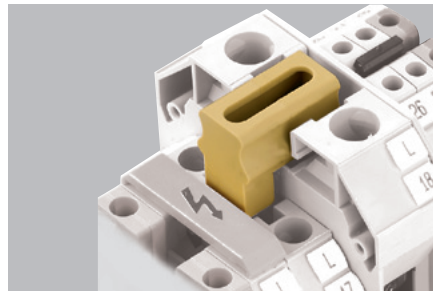
Chapter F



An end bracket is fitted on the terminal rail to the right and left of the terminals to ensure that they sit firmly in position. The marking surface of the end bracket can also be used for group marking. Details of the wide range of Weidmüller end brackets and mounting rails are given in **chapter F**.

**Power supply**

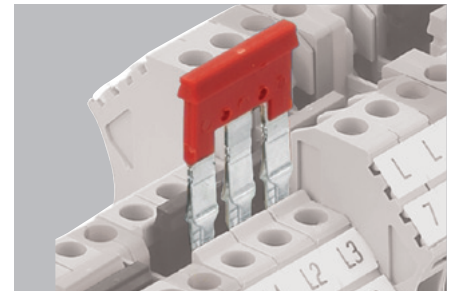
Page D.160



For the W-Series, power is supplied via standard terminals in conjunction with a special cross-connection, which directly connects terminals for larger and smaller cross-sections (the picture shows WDU 35 on WDU 4). It is possible to form a link to screw-in cross-connections of smaller cross-sections (WQV 2.5/4/6). This extends current distribution to any number of other terminals of the smaller cross-section.

**Current distribution**

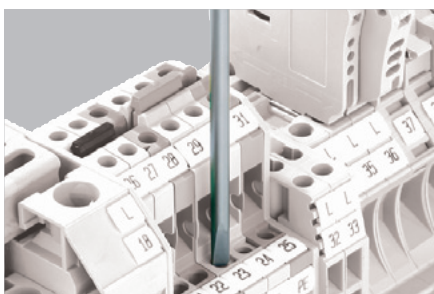
Page D.164



A screw-in and a plug-in cross-connection system is available for Weidmüller screw terminals. The plug-in **cross-connection (ZQV)** for screw terminals is unique. It enables considerable reductions in assembly times. The plug-in cross-connections can be used for nearly all W-Series terminals in the cross-section ranges 2.5 and 4 mm<sup>2</sup>.

**Connecting**

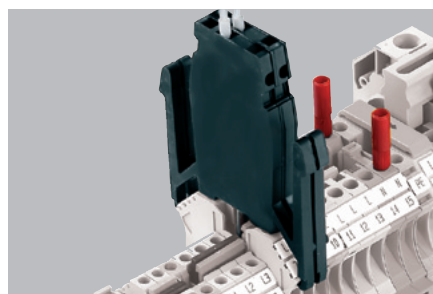
Chapter F



Conductors are connected into Weidmüller terminals using standard screwdrivers, as shown in **chapter F**,

**Testing / checking**

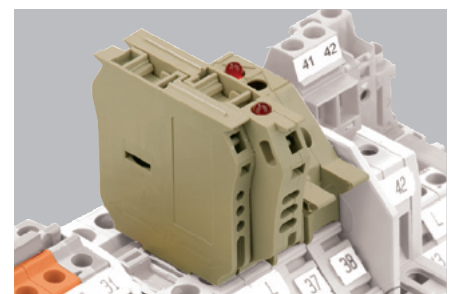
Page D.173



The slot-in test adapter (WTA) is used as both a single unit and a test adapter strip for measurement in control cabinets. The test adapter is ideal for convenient, rational testing of assembled terminals. However, tests with socket and test plugs are also possible (Page D.173).

**Specific functions / colour variations**

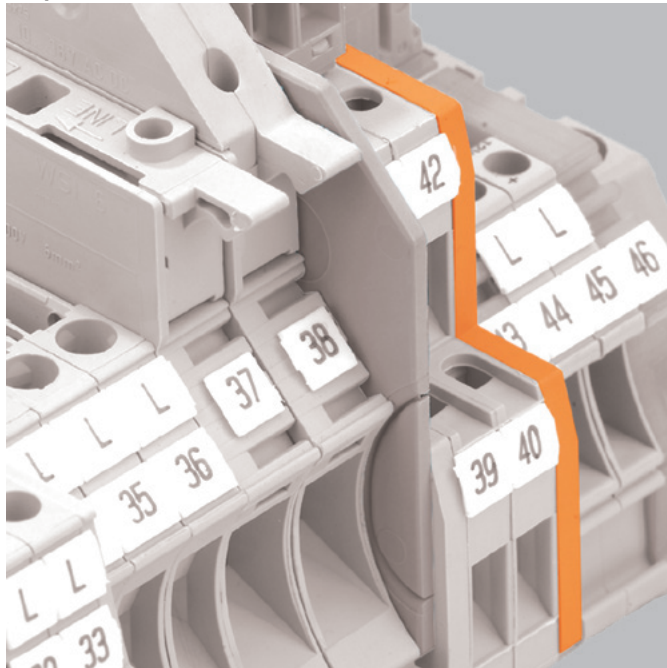
Page D.177



Further helpful accessories are available for terminals using screw clamp technology, such as:

- Pluggable fuse holder (SIHA 1 and SIHA 2)
- Screen plug (LS), short-cir. plug (WDS)
- Extension connectors (WZAD)
- PEN bridges
- Accessories for disconnect test terminals
- Terminals in various colours
- Pre-fitted **terminal blocks**

**End plates**



**Touch protection**

With only a few exceptions, the last terminal in a terminal strip must be closed off with a WAP/AP-type end plate. End plates must also be used within a terminal strip when it makes use of terminals of different sizes. This ensures the touch-safe requirement is met for live voltage components. The terminals are touch-safe (DIN EN 50274).

**Optical separation**

Coloured end plates are frequently used for distinguishing the circuits visually.

**Ensuring the operating voltage**

End plates can also be used to maintain the required clearance and creepage distances, in order to guarantee the rated voltage for the application. They can be used when cross-connections are used side-by-side.

**Contour matching**

The overall dimensions of the end plates match the external dimensions of the associated terminal.

**Mounting**

The end plate's snap-in pegs allow it to be simply fitted on to the corresponding terminal. The corresponding indentations in the terminal are used to ensure that position follows the identical contours. All colour variations are classified according to UL94 V-0.

**Ordering data**

Type Width	Colour	Qty.	Order No.	For terminal:
WAP 2.5-10	dark beige	50	1050000000	WDU 1.5/ZZ
WAP 2.5-10 BL	blue/light blue	50	1050080000	WDU 1.5/ZZ BL
WAP 2.5-10 BR	brown	50	1050070000	WDU 10
WAP 2.5-10 GE	yellow	50	1050020000	WDU 10 BL
WAP 2.5-10 GN	green	50	1072200000	WDU 10 SL
WAP 2.5-10 GR	grey	50	1050050000	WDU 10 SL/EN
WAP 2.5-10 OR	orange	50	1050060000	WDU 10 SL/EN SW
WAP 2.5-10 RT	red	50	1050040000	WDU 2.5
WAP 2.5-10 SW	black	50	1050010000	WDU 2.5 BL
WAP 2.5-10 VI	violet	50	1072210000	WDU 2.5 F 2X2.8
WAP 2.5-10 WS	white	50	1050090000	WDU 2.5 FF 2*2.8
WAP 2.5-10/0.5 mm	transparent	50	1966380000	WDU 2.5/1.5/ZR BL
				WDU 2.5/TC Type B
				WDU 2.5/TC Type E
				WDU 2.5/TC Type J
				WDU 2.5/TC Type K
				WDU 2.5/TC Type N
				WDU 2.5/TC Type SR
				WDU 2.5/TC Type T
				WDU 4
				WDU 4 BL
				WDU 4 SL
				WDU 4 SL/EN
				WDU 4 SL/EN SW
				WDU 6
				WDU 6 BL
				WDU 6 SL
				WDU 6 SL/EN
				WDU 6 SL/EN SW
				WDUL 4 100R/0.75W POTI
				WDUL 4 10K/0.75W POTI
				WDUL 4 10R/0.75W POTI
				WDUL 4 1K/0.75W POTI
				WDUL 4 500K/0.1W POTI
				WDUL 4 500R/0.75W POTI
				WDUL 4 50K/0.75W POTI
				WDUL 4 5K/0.75W
				WDUL 4 OHNE POTI
				WNT 10 10X3
				WNT 10 10X3 BE
				WNT 2.5 10X3
				WNT 2.5 10X3 BE
				WNT 4 10X3
				WNT 4 10X3 BE
				WNT 6 10X3
				WNT 6 10X3 BE
				WPE 1.5/ZZ
				WPE 10
				WPE 2.5

## Ordering data

Type	Colour	Qty.	Order No.	For terminal:
WAP 16+35 WTW 2.5-10	dark beige	20	<b>1050100000</b>	WDK 2.5 / 800V
WAP 16+35 WTW 2.5-10 BL	blue/light blue	20	<b>1050180000</b>	WDK 2.5 FF
WAP 16+35 WTW 2.5-10 OR	orange	20	<b>1050160000</b>	WDU 1.5/ZZ
<b>Width</b>				
WAP WDK2.5	dark beige	20	<b>1059100000</b>	WDK 2.5
WAP WDK2.5 BL	blue/light blue	20	<b>1059180000</b>	WDK 2.5 DU-PE
WAP WDK2.5 GN	green	20	<b>1059140000</b>	WDK 2.5 F
<b>Width</b>				
WAP WDK2.5 BL	blue/light blue	20	<b>1059180000</b>	WDK 2.5 F BL
<b>Width</b>				
WAP WDK2.5 BL	blue/light blue	20	<b>1059180000</b>	WDK 2.5 FF
<b>Width</b>				
WAP WDK2.5 BL	blue/light blue	20	<b>1059180000</b>	WDK 2.5 FV
<b>Width</b>				
WAP WDK2.5 BL	blue/light blue	20	<b>1059180000</b>	WDK 2.5 LD GR 1R 24VDC
<b>Width</b>				
WAP WDK2.5 BL	blue/light blue	20	<b>1059180000</b>	WDK 2.5 LD GR 1R 24VDC
<b>Width</b>				
WAP WDK2.5 BL	blue/light blue	20	<b>1059180000</b>	WDK 2.5 LD ROT 1R 24VDC
<b>Width</b>				
WAP WDK2.5 BL	blue/light blue	20	<b>1059180000</b>	WDK 2.5 LD ROT 1R 24VDC
<b>Width</b>				
WAP WDK2.5 BL	blue/light blue	20	<b>1059180000</b>	WDK 2.5 PE
<b>Width</b>				
WAP WDK2.5 BL	blue/light blue	20	<b>1059180000</b>	WDK 2.5 / 800V
<b>Width</b>				
WAP WDK2.5 BL	blue/light blue	20	<b>1059180000</b>	WDK 2.5 ZQV
<b>Width</b>				
WAP WDK2.5 BL	blue/light blue	20	<b>1059180000</b>	WDK 2.5 ZQV BL
<b>Width</b>				
WAP WDK2.5 BL	blue/light blue	20	<b>1059180000</b>	WDK 2.5/D
<b>Width</b>				
WAP WDK2.5 BL	blue/light blue	20	<b>1059180000</b>	WDK 2.5V
<b>Width</b>				
WAP WDK2.5 BL	blue/light blue	20	<b>1059180000</b>	WDK 2.5V BL
<b>Width</b>				
WAP WDK2.5 BL	blue/light blue	20	<b>1059180000</b>	WDK 2.5 1D A.1
<b>Width</b>				
WAP WDK2.5 BL	blue/light blue	20	<b>1059180000</b>	WDK 2.5 1D A.2
<b>Width</b>				
WAP WDK2.5 BL	blue/light blue	20	<b>1059180000</b>	WDK 2.5 2D
<b>Width</b>				
WAP WDK2.5 BL	blue/light blue	20	<b>1059180000</b>	WDK 2.5 2D
<b>Width</b>				
WAP WDK2.5 BL	blue/light blue	20	<b>1059180000</b>	WDK 2.5 2D
<b>Width</b>				
WAP WDK2.5 BL	blue/light blue	20	<b>1059180000</b>	WDK 2.5 BL
<b>Width</b>				
WAP WDK2.5 BL	blue/light blue	20	<b>1059180000</b>	WDK 2.5 D

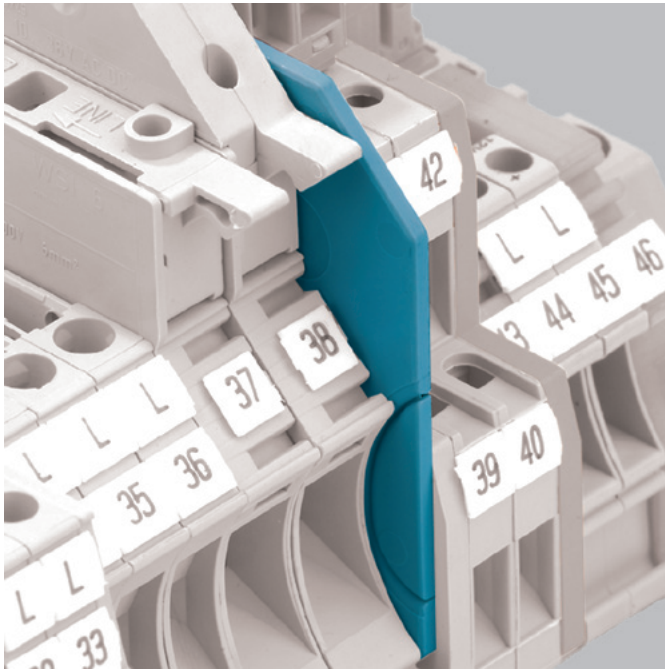
## Ordering data

Type	Colour	Qty.	Order No.	For terminal:
WAP WTR2.5/ZZ	dark beige	20	<b>1074600000</b>	WTR 2.5/ZZ
WAP WTR2.5/ZZ BL	blue/light blue	20	<b>1074680000</b>	WTR 2.5/ZZ BL
WAP WDK2.5/BLZ/O.ZA LG	light grey	20	<b>1112130000</b>	
<b>Width</b>				
WAP WDU/WTR4/ZR	dark beige	50	<b>1905070000</b>	WDU 4/ZR
WAP WDU/WTR4/ZZ	dark beige	50	<b>1905150000</b>	WDU 4/ZZ
<b>Width</b>				
WAP WDU/WTR4/ZZ	dark beige	50	<b>1905150000</b>	WPE 4/ZR
<b>Width</b>				
WAP WDU/WTR4/ZZ	dark beige	50	<b>1905150000</b>	WPE 4/ZZ
<b>Width</b>				
WAP WDU/WTR4/ZZ	dark beige	50	<b>1905150000</b>	WTR 4/ZZ
<b>Width</b>				
WAP WDU/WTR4/ZZ	dark beige	50	<b>1905150000</b>	WTR 4/ZZ STB
<b>Width</b>				
WAP WDU/WTR4/ZZ	dark beige	50	<b>1905150000</b>	WTR 4/ZZ
<b>Width</b>				
WAP WDU/WTR4/ZZ	dark beige	50	<b>1905150000</b>	WTR 4/ZZ STB
<b>Width</b>				
WAP WDL2.5/S	dark beige	20	<b>1067700000</b>	WDL 2.5/S/L
<b>Width</b>				
WAP WDL2.5/S	dark beige	20	<b>1067700000</b>	WDL 2.5/S/L/L
<b>Width</b>				
WAP WDL2.5/S	dark beige	20	<b>1067700000</b>	WDL 2.5/S/L/L/PE
<b>Width</b>				
WAP WDL2.5/S	dark beige	20	<b>1067700000</b>	WDL 2.5/S/N/L/PE
<b>Width</b>				
WAP WDL2.5/S	dark beige	20	<b>1067700000</b>	WDL 2.5/S/NT/L/PE
<b>Width</b>				
WAP WDL2.5	beige	20	<b>1067800000</b>	WDL 2.5/L
<b>Width</b>				
WAP WDL2.5	beige	20	<b>1067800000</b>	WDL 2.5/L/L
<b>Width</b>				
WAP WDL2.5	beige	20	<b>1067800000</b>	WDL 2.5/L/L/PE
<b>Width</b>				
WAP WDL2.5	beige	20	<b>1067800000</b>	WDL 2.5/N/L/PE
<b>Width</b>				
WAP WDL2.5	beige	20	<b>1067800000</b>	WDL 2.5/NT/L/PE
<b>Width</b>				
WAP WDU1.5/BLZ	dark beige	50	<b>1577330000</b>	WDU 1.5/BLZ 5.08
WAP WDU1.5/BLZ/ZA	dark beige	50	<b>1577320000</b>	WDU 1.5/ZQV/BLZ 5.08
<b>Width</b>				
WAP WDU1.5/BLZ/ZA	dark beige	50	<b>1577320000</b>	WDU 2.5/BLZ/7.62
<b>Width</b>				
WAP WDK2.5/BLZ/M.ZA	blue	20	<b>1070100000</b>	WDK 2.5 BLZ/5.08/ZA
WAP WDK2.5/BLZ/O.ZA	dark beige	20	<b>1070000000</b>	WDK 2.5 BLZ/7.62/ZA
<b>Width</b>				
AP DLI2.5 DB	dark beige	20	<b>1783550000</b>	DLA 2.5 DB
<b>Width</b>				
AP DLI2.5 DB	dark beige	20	<b>1783550000</b>	DLA 2.5/D DB
<b>Width</b>				
AP DLI2.5 DB	dark beige	20	<b>1783550000</b>	DLA 2.5/LD-GN/D DB
<b>Width</b>				
AP DLI2.5 DB	dark beige	20	<b>1783550000</b>	DLA 2.5/LD-RT DB
<b>Width</b>				
AP DLI2.5 DB	dark beige	20	<b>1783550000</b>	DLI 2.5 DB
<b>Width</b>				
AP DLI2.5 DB	dark beige	20	<b>1783550000</b>	DLI 2.5/LD-GN/NPN -> DB
<b>Width</b>				
AP DLI2.5 DB	dark beige	20	<b>1783550000</b>	DLI 2.5/LD-GN/PNP -> DB
<b>Width</b>				
AP DLI2.5 DB	dark beige	20	<b>1783550000</b>	DLI 2.5/LD-RT/NPN -> DB
<b>Width</b>				
AP DLI2.5 DB	dark beige	20	<b>1783550000</b>	DLI 2.5/LD-RT/PNP -> DB
<b>Width</b>				
AP DLD2.5 DB	dark beige	20	<b>1784210000</b>	DLD 2.5 DB
AP DLD2.5/PE DB	dark beige	20	<b>1783800000</b>	DLD 2.5/PE DB
<b>Width</b>				
WAP WTL6/1	dark beige	20	<b>1068300000</b>	WTD 6/1 EN
<b>Width</b>				
WAP WTL6/1	dark beige	20	<b>1068300000</b>	WTL 6/1 EN
<b>Width</b>				
WAP WTL6/1	dark beige	20	<b>1068300000</b>	WTL 6/1 EN STB
<b>Width</b>				
WAP WTL6/1	dark beige	20	<b>1068300000</b>	WTL 6/1/STB/TNSC/EN
<b>Width</b>				
WAP WTL6/1	dark beige	20	<b>1068300000</b>	WTO 6/1 EN
<b>Width</b>				
WAP WTL6/1	dark beige	20	<b>1068300000</b>	WTO 6/1 EN STB
<b>Width</b>				
ZAP/TW 1	dark beige	50	<b>1608740000</b>	WTL 4
ZAP/TW 1 BL	blue/light blue	50	<b>1608750000</b>	WTL 4/STB
ZAP/TW 1 GN	green	50	<b>1683680000</b>	
ZAP/TW 1 GR	grey	50	<b>1683710000</b>	
ZAP/TW 1 OR	orange	50	<b>1608760000</b>	
ZAP/TW 1 RT	red	50	<b>1683660000</b>	
<b>Width</b>				
WAP WDU1.5/R3.5	beige	20	<b>1754190000</b>	WDK 1.5/R3.5
<b>Width</b>				
WAP WDU1.5/R3.5	beige	20	<b>1754190000</b>	WDK 1.5/R3.5 BL
<b>Width</b>				
WAP WDU1.5/R3.5	beige	20	<b>1754190000</b>	WDU 1.5/R3.5
<b>Width</b>				
WAP WDU1.5/R3.5	beige	20	<b>1754190000</b>	WDU 1.5/R3.5 BL
<b>Width</b>				
WAP WDU1.5/R3.5	beige	20	<b>1754190000</b>	WPE 1.5/R3.5
<b>Width</b>				
WAP WDK1.5/R3.5	dark beige	20	<b>1754200000</b>	WDK 1.5/R3.5
<b>Width</b>				
WAP WDK1.5/R3.5	dark beige	20	<b>1754200000</b>	WDK 1.5/R3.5 BL
<b>Width</b>				
AP AKZ1.5	beige	50	<b>0340560000</b>	AKZ 1.5
AP AKZ1.5 BL	blue	50	<b>0340580000</b>	AKZ 1.5 BL
<b>Width</b>				
AP AKZ2.5	beige	50	<b>0697360000</b>	AKZ 2.5
AP AKZ2.5 BL	blue	50	<b>0697380000</b>	AKZ 2.5 BL

Ordering data

Type	Colour	Qty.	Order No.	For terminal:
<b>Width</b>				
ADL	beige	2	0210800000	AKZ 4
AP AKZ4 DB	beige	20	9537910000	AKZ 4 BL
AP 100 GR	grey	20	1773410000	
AP AKZ4	beige	20	0294460000	
AP AKZ4 BL	blue	20	0294480000	
AP AKZ4 KRG	dark beige/yellow	20	0294420000	
AP AKZ4 KRS	anthracite	20	0294430000	
<b>Width</b>				
WAP WDU2.5N/4N	dark beige	50	1060000000	WDU 2.5N
WAP WDU2.5N/4N BL	blue/light blue	50	1060080000	WDU 2.5N BL
WAP WDU2.5N/4N GE	yellow	50	1060090000	WDU 2.5N ZQV
WAP WDU2.5N/4N OR	orange	50	1060060000	WDU 2.5N ZQV BL
				WDU 4N
				WDU 4N BL
				WPE 2.5N
				WPE 4N
<b>Width</b>				
WAP WDK2.5/4 N	dark beige	20	1084000000	WDK 2.5N
WAP WDK2.5/4 N BL	orange	20	1084080000	WDK 4N V
				WDK 2.5N DU-PE
				WDK 2.5N PE
				WDK 2.5N V
				WDK 2.5N/BL
				WDK 4N
				WDK 4N BL
				WDK 4N DU-PE
				WDK 4N PE
<b>Width</b>				
WAP WTL6/3	beige	20	1879910000	WTL 6/3
<b>Width</b>				
WAP WTL 6 SL	beige	20	9538110000	WTD 6 SL
				WTD 6 SL/EN
				WTL 6 SL
				WTL 6 SL/EN
				WTL 6 SL/EN SW
<b>Width</b>				
WAP WTL4/2	beige	50	1881640000	WTL 4/2/STB
<b>Width</b>				
WAP WTL6/4FF	beige	20	1887240000	WTL 6/4FF
<b>Width</b>				
WAP WSI4/2	beige	50	1880450000	WSI 4
				WSI 4/LD 60-150V AC/DC
				WSI 4/2
				WSI 4/2/LD 10-36V AC/DC
				WSI 4/2/LD 140-250V AC/DC
				WSI 4/2/LD 30-70V AC/DC
				WSI 4/2/LD 60-150V AC/DC
				WSI 4/LD 10-36V AC/DC
				WSI 4/LD 140-250V AC/DC
				WSI 4/LD 30-70V AC/DC
<b>Width</b>				
AP VLI1.5 DB	dark beige	20	1784150000	VLI 1.5
AP VLI1.5/PE DB	dark beige	20	1784160000	VLI 1.5 DB
				VLI 1.5/PE
				VLI 1.5/PE DB
<b>Width</b>				
AP MAK2.5 DB	dark beige	20	7917000000	MAK 2.5
				MAK 2.5 DB
<b>Width</b>				
WAP WFF120	dark beige	20	1073000000	WFF 120
WAP WFF35	dark beige	20	1069700000	WFF 70/AH
WAP WFF70	dark beige	20	1069800000	WFF 120 BL
				WFF 120/3/B
				WFF 120/AH
				WFF 35
				WFF 35 BL
				WFF 35/AH
				WFF 70
				WFF 70 BL

**Partition walls**



**Ensuring the operating voltage**

The main function of the partitions is to maintain the clearance and creepage distances, as required by the operating voltage. This includes applications with higher security levels (ATEX) or neighbouring groups of cross-connections. For this reason, the partitions are significantly larger than the corresponding terminals.

**Optical separation**

The partitions can be used to achieve a very clear separation of circuits on one terminal strip.

**Dimensions**

**WAP 16+35 WTW 2.5-10**

Length: 60 mm  
Height with TS 35 x 7.5: 63 mm

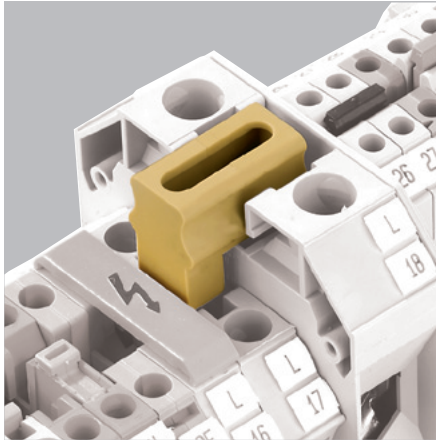
**WTW EN**

Length: 86 mm  
Height with TS 35 x 7.5: 63 mm

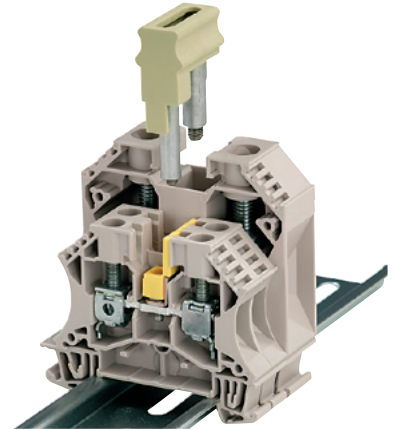
**Ordering data**

Type	Colour	Qty.	Order No.	For terminal:
WAP 16+35 WTW 2.5-10	dark beige	20	1050100000	WDK 2.5 / 800V
WAP 16+35 WTW 2.5-10 BL	blue/light blue	20	1050180000	WDK 2.5 FF
WAP 16+35 WTW 2.5-10 OR	orange	20	1050160000	WDU 1.5/ZZ
				WDU 1.5/ZZ BL
				WDU 10
				WDU 10 BL
				WDU 10 SL
				WDU 10 SL/EN
				WDU 10 SL/EN SW
				WDU 10/ZR
				WDU 10/ZR BL
				WDU 16/ZA
				WDU 16/ZA BL
				WDU 2.5
				WDU 2.5 BL
				WDU 2.5 F 2X2.8
				WDU 2.5 FF 2*2.8
				WDU 2.5/1.5/ZR
				WDU 2.5/1.5/ZR BL
				WDU 2.5/TC Type B
				WDU 2.5/TC Type E
				WDU 2.5/TC Type J
				WDU 2.5/TC Type K
				WDU 2.5/TC Type N
				WDU 2.5/TC Type SR
				WDU 2.5/TC Type T
				WDU 2.5N/600 UL
				WDU 35/IK/ZA
				WDU 4
				WDU 4 BL
				WDU 4 SL
				WDU 4 SL/EN
				WDU 4 SL/EN SW
				WDU 6
				WDU 6 BL
				WDU 6 SL
				WDU 6 SL/EN
				WDU 6 SL/EN SW
				WDUL 4 100R/0,75W POTI
				WDUL 4 10K/0,75W POTI
				WDUL 4 10R/0,75W POTI
				WDUL 4 1K/0,75W POTI
				WDUL 4 500K/0,1W POTI
				WDUL 4 500R/0,75W POTI
				WDUL 4 50K/0,75W POTI
				WDUL 4 5K/0,75W
				WDUL 4 OHNE POTI
				WPE 1.5/ZZ
				WPE 10
				WSI 6
<b>Width</b>				
WTW EN	dark beige	20	1058800000	SAKS 2/35 DB
				WDK 2.5N DU-PE
				WDK 2.5N PE
				WDK 2.5N V
				WDK 2.5N/BL
				WDK 2.5V
				WDK 2.5V BL
				WDK 4N PE
				WDU 16N
				WDU 16N BL
				WDU 35N
				SAKS 4/35 DB
				WDU 35N BL
				WTD 6 SL
				WTD 6 SL/EN
				WTL 6 SL
				WTL 6 SL/EN
				WTL 6 SL/EN SW
				SAKS 5/35 DB
				WDK 2.5
				WDK 2.5 BL
				WDK 2.5 DU-PE
				WDK 2.5 ZQV
				WDK 2.5 ZQV BL
				WDK 2.5N

## Potential supply with cross-section reduction



### Mounting



Feed-through terminals such as WDU 35 or WDU 16 are responsible for power supply in the W-Series. The current is routed by the cross-connections shown to terminals of a smaller cross-section (cross-section reduction). After cross-section reduction, the supply can then be distributed on to any number of terminals of this same cross-section, using standard cross-connectors.

### Function

- Larger conductor cross-section can be used for power supply
- Central current supply and distribution to any number of circuits

First, prepare the **standard cross-connection** that is to distribute the current to other terminals of smaller conductor cross-section. To do so, break off the plastic screwdriver guide at the first pole of the cross-connection by bending it back and forth at the intended break-off point, and remove the fixing screw. Then place the cross-connection in the middle of the terminal.

Now insert the **cross-connection for cross-section reduction** so that there is an overlap of the live parts of the first terminal of the smaller cross-section. Fasten with the screws in the cross-section reduction.

**Important!** The “QL” cross-section reductions are not finger-safe. This can be easily remedied by using the WAD covers for the corresponding terminals.



Potential supply with cross-section reduction

Power supply via

Output terminal

WDU 35

onto WDU 2.5



WDU 35

onto WDU 10



Technical data	
Continuous current 2-pole	A
Thread size	
Tightening torque	Nm
Ordering data	
	2-pole

to WDU 35	to WDU 2.5	
41		
M 4	M 2.5	
1.2 ... 1.8	0.4 ... 0.7	
Type	Qty.	Order No.
WQV 35-2.5	10	1064100000

to WDU 35	to WDU 10	
57		
M 4	M 3	
1.2 ... 1.8	0.5 ... 0.8	
Type	Qty.	Order No.
WQV 35-10	10	1068000000

Power supply via

Output terminal

WDU 16

WDU 2.5



Technical data	
Continuous current 2-pole	A
Thread size	
Tightening torque	Nm
Ordering data	
	2-pole

to WDU 16	to WDU 2.5	
41		
M 4	M 2.5	
1.2 ... 1.8	0.4 ... 0.7	
Type	Qty.	Order No.
WQV 16-2.5	10	1063900000

Power supply via

Output terminal

WDU 10

WDU 2.5



Technical data	
Continuous current 2-pole	A
Thread size	
Tightening torque	Nm
Ordering data	
	2-pole
Note	

to WDU 10	to WDU 2.5	
24		
M 3	M 2.5	
0.5 ... 0.8	0.4 ... 0.7	
Type	Qty.	Order No.
QL 10-2.5	10	1859620000
not finger-safe		

**Note:**  
Cross-section reducing cross-connectors may **not** be used in ATEX applications.

Potential supply with cross-section reduction

Power supply via

Output terminal

**WDU 16N**

WDU 2.5



**WDU 16N**

WDU 4 / WDU 6



**WDU 6**

WDU 2.5



Technical data	
Continuous current 2-pole	A
Thread size	M 3
Tightening torque	Nm
Ordering data	
	2-pole
Note	

to WDU 16		to WDU 2.5	
Continuous current 2-pole	24		
Thread size	M 3	M 2.5	
Tightening torque	0.5 ... 0.8	0.4 ... 0.7	
Type	Qty.	Order No.	
WQV 16N-2.5	10	1073100000	
Note			

to WDU 16N		to WDU 4 / 6	
Continuous current 2-pole	41		
Thread size	M 3	M 3	
Tightening torque	0.5 ... 0.8	0.5 ... 0.8	
Type	Qty.	Order No.	
WQV 16N-4/6	10	1072500000	
Note			

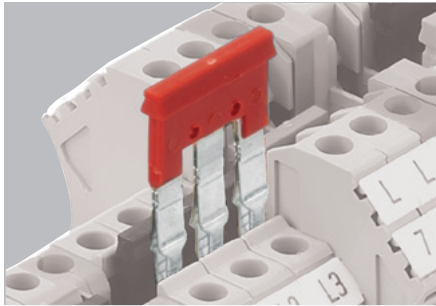
to WDU 6		to WDU 2.5	
Continuous current 2-pole	24		
Thread size	M 3	M 2.5	
Tightening torque	0.5 ... 0.8	0.4 ... 0.7	
Type	Qty.	Order No.	
Q WDU6-2.5 SET	10	1859600000	
Note			
not finger-safe			

**Note:**  
Cross-section reducing cross-connectors may **not** be used in ATEX applications.



# ZQV plug-in cross-connection

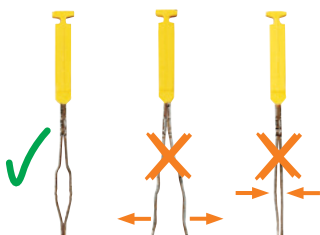
D



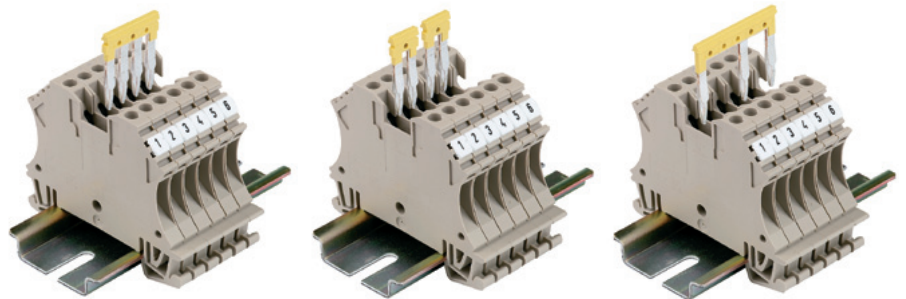
Weidmüller is the leading manufacturer of plug-in cross connection systems for screw clamp terminals. The plug-in cross-connections stand out with their easy handling and quick assembly, resulting in considerable time savings compared to screwed assembly solutions. This also ensures that all poles remain securely in contact.

### Assembly / Technical information

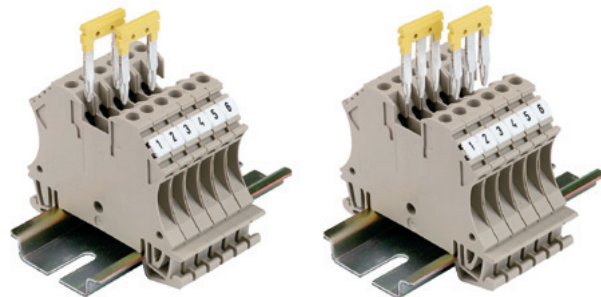
- The ZQV is pressed into the cross-connection channel by hand.
- **Important!** Ensure that the ZQV is pressed right in. The cross-connection must not protrude out of the cross-connection channel.
- To replace or remove, simply lever out with a screwdriver.
- Finger-safe to VDE 0160 part 100 (VGB4)
- Reduced rated voltage 400 V
- Different colours can be used to mark different potential
- **Important!** The contact elements must not be deformed



### In one cross-connection channel



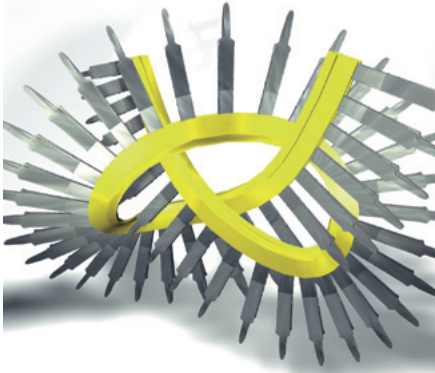
### In two cross-connection channels



### Possible cross-connections of terminals of the same type with corresponding cross-connectors

Terminal type	Cross-connector	single	adjacent	bridging	parallel bridging	parallel lengthening
Standard						
WDU 1.5/ R3.5	ZQV 1.5/ R3.5	•	•	•		
WDK 1.5/ R3.5	ZQV 1.5/ R3.5	•	•	•		
WDU 2.5/1.5/ZR	ZQV 2.5N	•	•	•	•	•
WDU 2.5	ZQV 2.5N	•	•	•	•	•
WDK 2.5 ZQV	ZQV 2.5N	•	•	•		
WTR 2.5/ZZ	ZQV 2.5	•	•	•		
WDU 4	ZQV 4N	•	•	•	•	•
WTR 4...	ZQV 4N	•	•	•		
WDU/PE/4ZZ/ZR	ZQV 4N	•	•	•	•	•
WTR 4/ZZ/ZR	ZQV 4N	•	•	•		
Compact						
WDU 2.5N ZQV	ZQV 2.5N	•	•	•	•	•
WDK 2.5N...	ZQV 2.5N	•	•	•		
WDK 2.5N PE	ZQV 2.5N	•	•	•		
WDU 4N	ZQV 4N	•	•	•	•	•
WDK 4N...	ZQV 4N	•	•	•		
WDK 4N PE	ZQV 4N	•	•	•		

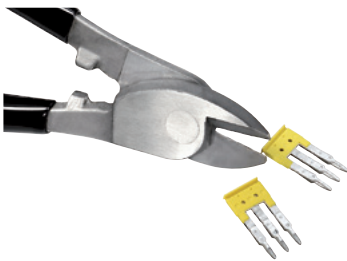
ZQV 2.5N



Continuous cross-connection

ZQV 2.5N/20 (20-pole) and ZQV 4N/20 (20-pole) are ideal for shortening (e.g. with tool KT ZQV - 9002170000) to produce customised configurations with the required number of poles.

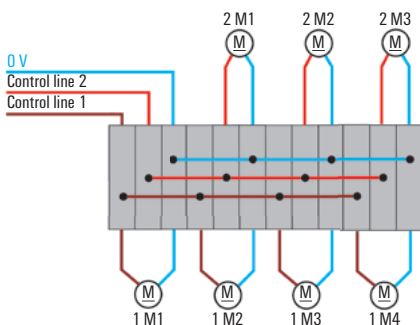
More than 20 poles in a row are not recommended because of the resulting tolerances in the terminals.



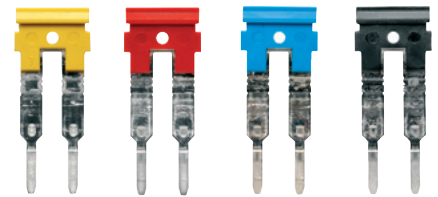
Special features of

WDU 2.5, WDU 4 und WDU 2.5/1.5/ZR

- Parallel distribution of 3 potentials  
**Important!** Rated voltage reduced to 125 V!
- Parallel distribution of 2 potentials  
**Important!** Only when using the outer cross-connection holes at 400 V
- The middle cross-connection hole can be used for either ZQV or WQV



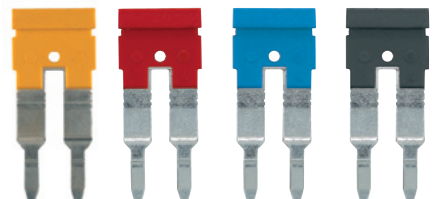
**Important!** For shortened ZQV located adjacent to each other (with bare cut edges), end plates or partition plates are necessary for rated voltage of 250 V.



No. of poles	Type	I [A]	Qty.	Order No. yellow	Order No. red	Order No. blue	Order No. black
2	ZQV 2.5N/2	24	60	1693800000	1717900000	1717990000	1718080000
3	ZQV 2.5N/3	24	60	1693810000	1717910000	1718000000	1718090000
4	ZQV 2.5N/4	24	60	1693820000	1717920000	1718010000	1718100000
5	ZQV 2.5N/5	24	20	1693830000	1717930000	1718020000	1718110000
6	ZQV 2.5N/6	24	20	1693840000	1717940000	1718030000	1718120000
7	ZQV 2.5N/7	24	20	1693850000	1717950000	1718040000	1718130000
8	ZQV 2.5N/8	24	20	1693860000	1717960000	1718050000	1718140000
9	ZQV 2.5N/9	24	20	1693870000	1717970000	1718060000	1718150000
10	ZQV 2.5N/10	24	20	1693880000	1717980000	1718070000	1718160000
20	ZQV 2.5N/20	24	20	1909000000	1909110000	1909140000	1909130000

For terminal	
standard	compact
WDU 2.5/1.5 ZR	WDU 2.5N
WDU 2.5	WDK 2.5N
WDK 2.5/ ZQV	WDK 2.5N V
WDU 1.5 BLZ 5.08/ ZQV	WDK 2.5N DU-PE
	WMF 2.5...



No. of poles	Type	I [A]	Qty.	Order No. yellow	Order No. red	Order No. blue	Order No. black
2	ZQV 4N/2	32	60	1758250000	1793950000	1793960000	1793970000
3	ZQV 4N/3	32	60	1762630000	1793980000	1793990000	1794000000
4	ZQV 4N/4	32	60	1762620000	1794010000	1794020000	1794030000
5							
6							
7							
8							
9							
10	ZQV 4N/10	32	20	1758260000	1794040000	1794050000	1794060000
20	ZQV 4N/20	32	20	1909020000	1909150000	1909100000	1909120000

For terminal	
standard	compact
WDU 4	WDU 4N
WTR 4	WDK 4N
WTR 4 SI	WDK 4N V
WTR 4 SL	WDK 4N DU-PE
WTR 4/ZZ+ZR	WDK 2.5N V
WDU/PE4/ZZ+ZR	WDK 2.5N DU-PE

## WQV screw-in cross-connection



### Any number of poles (extending)

Pre-fitted cross-connections can be set one after the other to produce any required number of poles.

To do so, arrange the last and first contact points of two identical WQVs so that they overlap.

- First, remove the fixing screw and screwdriver guide (insulated part) at one of the outer contact points of one of the WQVs.

### WQV in combination with a socket contact and test plug

- Remove the fixing screw and insulation part of the WQV. Screw the socket in at this point. This now makes it possible to integrate a safe test point.

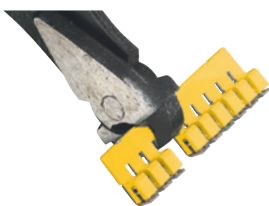
Thanks to the many possible ways in which the WQV cross-connection system can be used – break-out of individual layers, creation of any number of poles or running of two voltages parallel to one another – individual modules can be realised very easily!

### Technical instructions

- The full rated current of the terminals can be routed across any number of poles.
- No end plates or partition plates needed for adjacent WQV up to 400 V.

### Assembly

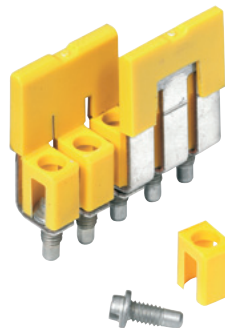
- Place the WQV in the cross-connection channel in the middle of the terminal and screw tight.
- Individual WQV segments can be broken out by bending over or using the WAW1 tool (9004500000). It is then possible to bridge individual or several terminals.



- Captive fixing screws.
- Snap onto the clamped support – simple overhead assembly.

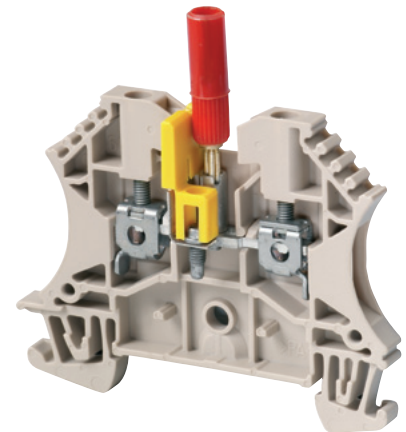


- Then insert the WQV without fixing screw and insulated part. At the same time, insert an unmodified WQV in parallel so as to produce an overlap at the connection. The connection is screwed tight using the fixing screw of the unmodified WQV.



### Routing 2 potentials in parallel

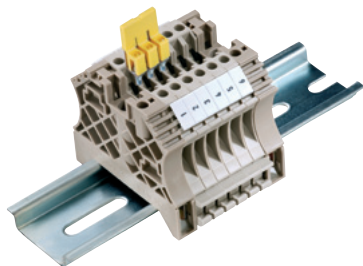
- In spite of only having 1 channel, the QV cross-connection system can still be used for offset cross-connections. See the photo “parallel bridging” (page D.167).



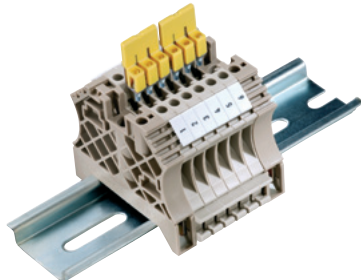
Potential distribution – possible combinations

In one cross-connection channel

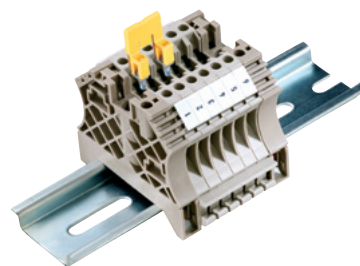
single



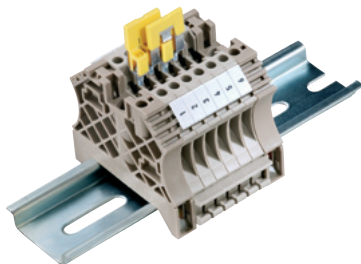
adjacent



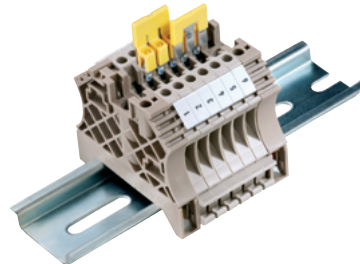
bridging



parallel/bridging



parallel/lengthening



Possible cross-connections of terminals of the same type with appropriate cross-connectors

Terminal type	Cross-connector	single	adjacent	bridging	parallel bridging	parallel lengthening
Standard						
WDU 1.5/ZZ	WQV 2.5	•	•	•	•	•
WDU 1.5/BLZ	WQV 2.5	•	•	•	•	•
WDU 2.5/1.5/ZR	WQV 2.5	•	•	•	•	•
WDU 2.5 - WDU 35	WQV 2.5 - WQV 35	•	•	•	•	•
WDK 2.5...	WQV 2.5	•	•	•	•	•
WDK 2.5 PE	WQV 2.5	•	•	•	•	•
WDU 2.5/BLZ	WQV 2.5	•	•	•	•	•
WDK 2.5/BLZ	WQV 2.5	•	•	•	•	•
WDU 2.5 F...	WQV 2.5	•	•	•	•	•
WDK 2.5 F...	WQV 2.5	•	•	•	•	•
WDU 4... - WDU 35...	WQV 4 - WQV 35	•	•	•	•	•
WDU 70/95	WQV 70/95	•	•			
WDU 120/150	WQV 120/150	•	•			
WDU 240	WQB 240	•	•			
Compact						
WDU 2.5N	WQV 2.5	•	•	•	•	•
WDU 2.5N 600V	WQV 2.5	•	•	•	•	•
WDU 16N	WQV 16N	•	•	•	•	•
WDU 35N	WQV 35N	•	•			
WDU 50N	WQV 50N	•	•			
WDU 70N	WQV 70N	•	•			
WDU 95N/120N	WQV 95N/120N	•	•			

**WQV 2.5**



Technical data	
Current	A
Type of fixing	Screwed
Pitch	mm
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
15-pole	
20-pole	
32-pole	

32 / 32		
Screwed		
5,10		
Type	Qty.	Order No.
WQV 2.5/2	50	1053660000
WQV 2.5/3	50	1053760000
WQV 2.5/4	50	1053860000
WQV 2.5/5	10	1053960000
WQV 2.5/6	10	1054060000
WQV 2.5/7	10	1054160000
WQV 2.5/8	10	1054260000
WQV 2.5/9	10	1054360000
WQV 2.5/10	20	1054460000
WQV 2.5/15	10	1059660000
WQV 2.5/20	10	1577570000
WQV 2.5/32	10	1577600000
For terminal:		
WDU 1.5 ZZ	WDK 2.5	
WDU 1.5 BLZ	WDK 2.5 V	
WDU 2.5/1.5 ZR	WDK 2.5 DU-PE	
WDU 2.5	WDK 2.5 F	
WDU 2.5 F		

**WQV 4**



/ 32		
Screwed		
6,10		
Type	Qty.	Order No.
WQV 4/2	50	1051960000
WQV 4/3	50	1054560000
WQV 4/4	50	1054660000
WQV 4/5	10	1057860000
WQV 4/6	10	1057160000
WQV 4/7	10	1057260000
WQV 4/10	20	1052060000
For terminal:		
WDU 4		
WDU 4 SL		

**WQV 6**



/ 57		
Screwed		
8,00		
Type	Qty.	Order No.
WQV 6/2	50	1052360000
WQV 6/3	50	1054760000
WQV 6/4	50	1054860000
WQV 6/5	50	1062660000
WQV 6/6	50	1062670000
WQV 6/7	50	1062680000
WQV 6/10	20	1052260000
For terminal:		
WDU 6		
WDU 6 SL		

**WQV 35N**



Technical data	
Current	A
Type of fixing	Screwed
Pitch	mm
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
15-pole	
20-pole	
32-pole	

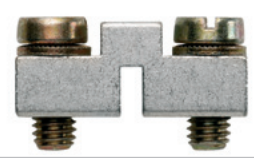
/ 101		
Screwed		
16,00		
Type	Qty.	Order No.
WQV 35N/2	20	1079200000
WQV 35N/3	20	1079300000
WQV 35N/4	20	1079400000
For terminal:		
WDU 35N		

**WQV 50N**



/ 150		
Screwed		
18,50		
Type	Qty.	Order No.
WQV 50N/2	5	1834060000
WQV 50N/3	5	1834070000
WQV 50N/4	5	1834080000
For terminal:		
WDU 50N		

**WQV 70N**



/ 192		
Screwed		
20,50		
Type	Qty.	Order No.
WQV 70N/2	5	9512240000
WQV 70N/3	5	9512250000
WQV 70N/4	5	9531290000
For terminal:		
WDU 70N		



WQV 10



/ 57		
Screwed		
10,00		
Type	Qty.	Order No.
WQV 10/2	50	1052560000
WQV 10/3	50	1054960000
WQV 10/4	50	1055060000
WQV 10/10	20	1052460000

**For terminal:**  
 WDU 10  
 WDU 10 SL  
 WDU 10 ZR

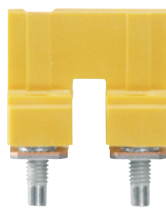
WQV 16



101 / 76		
Screwed		
12,00		
Type	Qty.	Order No.
WQV 16/2	50	1053260000
WQV 16/3	50	1055160000
WQV 16/4	50	1055260000
WQV 16/10	10	1053360000

**For terminal:**  
 WDU 16

WQV 16N



101 / 76		
Screwed		
12,00		
Type	Qty.	Order No.
WQV 16N/2	50	1636560000
WQV 16N/3	50	1636570000
WQV 16N/4	50	1636580000

**For terminal:**  
 WDU 16N

WQV 35



/ 112		
Screwed		
16,00		
Type	Qty.	Order No.
WQV 35/2	50	1053060000
WQV 35/3	50	1055360000
WQV 35/4	50	1055460000
WQV 35/10	10	1053160000

**For terminal:**  
 WDU 35

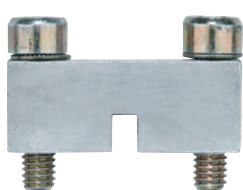
WQV 70/95



/ 192		
Screwed		
27,00		
Type	Qty.	Order No.
WQV 70/95/2	5	1063500000
WQV 70/95/3	5	1063600000

**For terminal:**  
 WDU 70/95

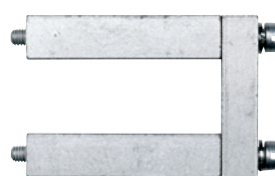
WQV 95N/120N



269 / 269		
Screwed		
27,00		
Type	Qty.	Order No.
WQV 95N/120N-2	5	1826890000
WQV 95N/120N-3	5	1826900000
WQV 95N/120N-4	5	1826910000

**For terminal:**  
 WDU 95N/120N

WQV 120



/ 269		
Screwed		
32,00		
Type	Qty.	Order No.
WQV 120/2	5	1063300000
WQV 120/3	5	1063400000

**For terminal:**  
 WDU 120/150

Screwable QV

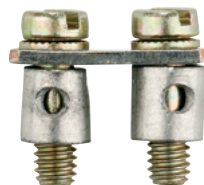
Q AKZ 4 SS



Technical data	
Current	A
Type of fixing	Screwed
Pitch	mm
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
10-pole	
20-pole	

20 / 20		
Screwed		
5,10		
Type	Qty.	Order No.
Q 2 AKZ4SS	50	0369000000
Q 10 AKZ4SS	20	0369300000
For terminal:		
WDK 2.5 / 800 V		

Q / DLI



20 / 20		
Screwed		
5,00		
Type	Qty.	Order No.
Q 2 DLI	50	1312500000
Q 3 DLI	50	1312600000
Q 4 DLI	50	1312700000
Q 10 DLI	20	1313100000
Q 20 DLI	20	1399800000
For terminal:		
DLI 2.5		
DLA 2.5		
DLD 2.5		

Q AKZ 1.5



/ 24		
Screwed		
5,10		
Type	Qty.	Order No.
Q 2 AKZ1.5	50	0368200000
Q 3 AKZ1.5	50	0368300000
Q 4 AKZ1.5	50	0368400000
Q 10 AKZ1.5	20	0368500000
For terminal:		
AKZ 1.5		
AKZ 2.5		

Screwable QV

Q AKZ 4



Technical data	
Current	A
Type of fixing	Screwed
Pitch	mm
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
10-pole	
20-pole	

32 / 32		
Screwed		
6,10		
Type	Qty.	Order No.
Q 2 AKZ4	50	0336400000
Q 3 AKZ4	50	0336500000
Q 4 AKZ4	50	0336600000
Q 10 AKZ4	20	0368600000
For terminal:		
AKZ 4		

Q / WDL



/ 24		
Screwed		
6,10		
Type	Qty.	Order No.
Q 2 WDL2.5S	50	1071500000
Q 3 WDL2.5S	50	1071600000
Q 4 WDL2.5S	50	1071700000
Q 10 WDL2.5S	20	1071800000
Q 20 WDL2.5S	20	1074200000
For terminal:		
WDL 2.5/S...(with 10 x 3 busbar)		
WDL 2.5 (With isolator, external side)		



# External cross-connection bridges

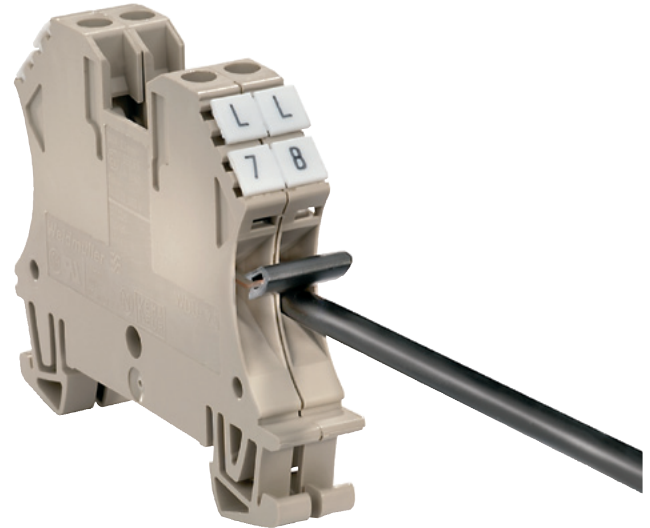
## Function

External cross-connection bridges make it possible to switch terminals in parallel, which are not available in the middle of the terminal via a cross-connection channel.

## Assembly

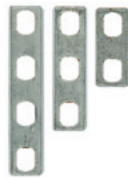
These bridges are positioned over the conductor in the clamping point and connected. Individual contacts can be separated off by hand when you wish to skip a clamping point.

**Important!** Use of these parts reduces the nominal cross-section of the connected conductor to the next smallest size for the terminal in question.



### QL ... WSI 6

Pitch 6,3 mm



### WQB A / ...

Pitch 5,1 mm



### WQB B / ...

Pitch 5,1 mm



## Technical data

Continuous current 2-pole/multi-pole	A
Fork length	mm

24 / 24
12

24 / 24
12

24 / 24
16

## Ordering data

2-pole	QL 2	100	0194300000
3-pole	QL 3	100	0194400000
4-pole	QL 4	50	0194500000
10-pole	QL 10	20	0338300000
24-pole			
Fixing screw	BS-M 3 x 5	100	1052100000
Releasing tool	WAW 2	1	9004510000

Type	Qty.	Order No.
WQB A / 2	50	1578950000
WQB A / 3	50	1578960000
WQB A / 4	50	1578970000
WQB A / 10	50	1578990000
WQB A / 24	50	1579000000

Type	Qty.	Order No.
WQB B / 2	50	1579010000
WQB B / 3	50	1579020000
WQB B / 4	50	1579030000
WQB B / 10	50	1579050000
WQB B / 24	50	1579060000

Type	Qty.	Order No.
For terminal:		
WSI 6...		

**For terminal:**  
WDK 2.5

**For terminal:**  
WDU 1,5 / ZZ (lower connection level)  
WDU 2.5  
WDU 2,5 / 1,5 / ZR (lower connection level)  
WTR 2.5

# Testing in terminals

## PS

### Test plug

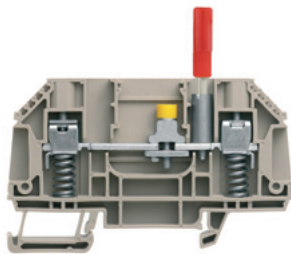


Test plugs (PS) are used for measurements or final testing of ready wired terminal strips. Test plugs are available for socket contacts with an internal diameter of 2.3 mm or 4 mm. The difference to the test adapter is that the test plug does not slot into the terminal. This means that reliable plugging into feed-through terminals up to 35 mm<sup>2</sup> is only possible with a socket.

#### Special feature for large cross-sections

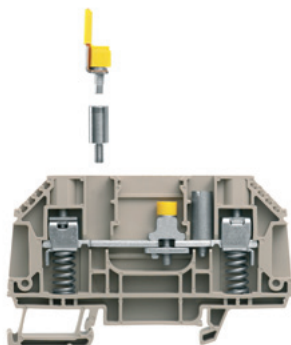
WDU 70N, WDU 95N/120N, WDU 70/95, WDU 120/150

In these terminals, test plug PS 4 can be plugged into the head of the clamping screw for measurements.



### Ordering data

Test plug	Qty.	Order No.
<b>2.3 mm diameter / rated current 17.5 A</b>		
PS 2.3	20	0180400000
<b>4.0 mm diameter / rated current 24 A</b>		
PS 4	20	0299600000



## StB

### Socket



The StB socket is used for fitting the PS test plug. The sockets are screwed into the busbar in the cross-connection channel in the middle of the terminal. The WTR test-disconnect terminals are available with pre-assembled sockets (refer to the W-Series test-disconnect terminals). The sockets are equipped with a slot for the screwdriver. A special screwdriver blade guarantees that the sockets are securely tightened (see catalogue Tools, chapter F).

#### Combining with WQV

The socket can be used in combination with the WQV screw-in crossconnection.

For this purpose, the insulating part of the screw and the fixing screw have to be removed at the corresponding pole in the WQV. The socket can then be screwed in.

### Ordering data

Socket	For test plug	Qty.	Order No.	For terminal standard design	For terminal compact design
<b>Thread M 2.5 / Length 11.5 mm</b>					
StB 8.5	PS 2.3	50	0215700000	WDU 1.5/ZZ WDU 2.5/1.5/ZR WDU 2.5 WDK 2.5...	WDU 2.5N (WQV) WDU 2.5N 600V UL
<b>Thread M 3 / Length 12 mm</b>					
StB 8.5	PS 2.3	50	0280600000	WDU 4 WDU 6 WDU 10 WDU 10/ZR	
<b>Thread M 3 / Length 19 mm</b>					
StB 14	PS 4	50	0169900000	WDU 10 WDU 10ZR	WDU 16N WDU 35
<b>Thread M 4 / Length 23 mm</b>					
StB 16	PS 4	50	0140200000	WDU 16	WDU 35N WDU 35
<b>Thread M 3 / Length 23 mm (finger-safe)</b>					
StB 21.6	PS 4	50	1071000000	WDU 4 WDU 10	WDU 6

Test adapter

WTA 1



Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / flexible with ferrule	mm <sup>2</sup>
Ordering data	
1-pole	
With snap-in pegs	
10-pole	

5 / 66.1 / 98.2			
6			
IEC	UL	CSA	
250	300	300	
6	6	6	
1.5			
0.5...1.5			
1...1.5 / 0.5...1.5			
Type	Qty.	Order No.	
WTA 1 WDU1.5	25	1632290000	
WTA 1/ZA WDU1.5	25	1632300000	
For terminal:			
WDU 2.5N			
WDU 4N			

WTA 2



5 / 66.1 / 107.6			
6			
IEC	UL	CSA	
250	300		
6			
1.5			
0.5...1.5			
1...1.5 / 0.5...1.5			
Type	Qty.	Order No.	
WTA 2 WDU2.5-10	25	1632320000	
WTA 2/ZA WDU2.5-10	25	1632330000	
WTA 2/10 WDU2.5/10	5	1632340000	
For terminal:			
WDU 1.5 ZZ		WDU 4	
WDU 2.5/1.5 ZR		WDU 6	
WDU 2.5		WDU 10	
WDU 2.5 F		WDU 16	

WTA 3



6 / 66.1 / 107.6			
6			
IEC	UL	CSA	
250	300		
6			
1.5			
0.5...1.5			
1...1.5 / 0.5...1.5			
Type	Qty.	Order No.	
WTA 3 WDU4	25	1632350000	
WTA 3/ZA WDU4	25	1632360000	
For terminal:			
WDU 4			
WDU 6			
WDU 10			

Test adapter

WTA 6



Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / flexible with ferrule	mm <sup>2</sup>
Ordering data	
1-pole	
With snap-in pegs	
10-pole	

5 / 66.1 / 107.6			
6			
IEC	UL	CSA	
250	300	300	
6	6	6	
1.5			
0.5...1.5			
1...1.5 / 0.5...1.5			
Type	Qty.	Order No.	
WTA 6 WTR2.5	25	1632380000	
WTA 6/ZA WTR2.5	25	1632390000	
For terminal:			
WTR 2.5			

WTA 7



6 / 68 / 120			
6			
IEC	UL	CSA	
250	300		
6			
1.5			
0.5...1.5			
1...1.5 / 0.5...1.5			
Type	Qty.	Order No.	
WTA 7 WSI6	25	1650210000	
For terminal:			
WSI 6			

**WTA 4N**



5 / 62 / 111.6

IEC	UL	CSA
250	300	
6		
1.5		

0.5...1.5  
1...1.5 / 0.5...1.5

Type	Qty.	Order No.
WTA 4N WDK 2.5	25	1878660000
WTA 4N/ZA WDK 2.5	25	1879350000

**For terminal:**

WDK 2.5  
WDK 2.5 V  
WDK 2.5 F  
WDK 2.5 FV

**WTA 5**



5 / 17 / 68.2

IEC	UL	CSA
250	300	
6		
1.5		

0.5...1  
1...1 / 0.5...1

Type	Qty.	Order No.
WTA 5/1	25	1051260000

**For terminal:**

WDU 2.5                      WDU 10  
WDU 4                        WDU 10 ZR  
WDU 6

**Test adapter**

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / flexible with ferrule	mm <sup>2</sup>
Ordering data	
	green
	beige

**WTA 8**



6 / 39 / 78

IEC	UL	CSA
205		
6		
1.5		

0.5...2.5

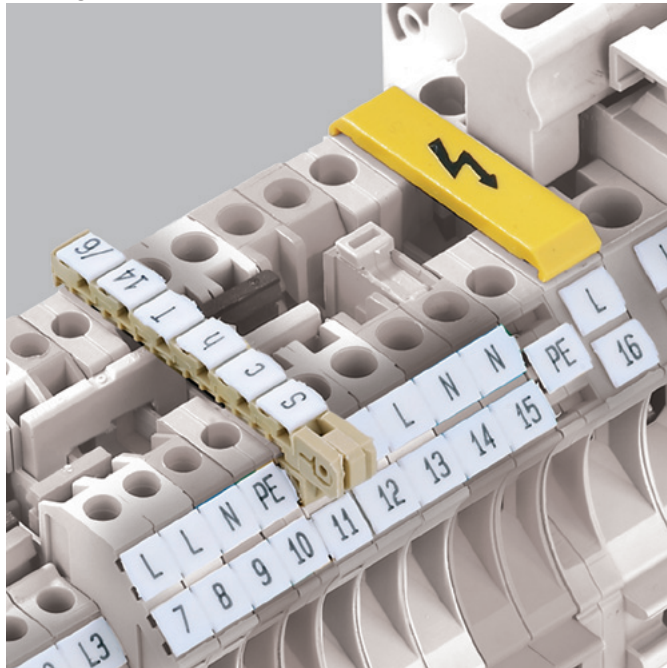
Type	Qty.	Order No.
WTA 8KO-TN	25	1915480000
WTA 8 TN	25	1915450000

**For terminal:**

WTL 4/2 StB

TN-KO = Isolate - Contact  
KO-TN = Contact - Isolate  
TN = Isolate

Labelling / cover



The WAD cover is snapped on to the centre of the terminal on the cross-connection channel, from the top down. The covers are delivered in yellow with a black lightning flash symbol and also in white without markings. The WAD covers are available for all feed-through terminals in the W-Series.

Labelling of mains terminals

VDE regulations require that mains terminals be labelled with "Warning Voltage" and a lightning flash symbol.

Convenient labelling options

A white cover with no print is well suited for manual terminal labelling or for group labelling.

Touch protection with uninsulated cross-connections

Important! When cross-connecting the WDU 70N, WDU 95N/120N, WDU 70/95 and WDU 120/150, touch protection is guaranteed by the cover, in compliance with VDE directives.

WAD

Type	Colour	Qty.	Order No.	For terminal:
WAD 4 GE BED	yellow	50	1072000000	WDK 2.5
WAD 4 WS	white	50	1072100000	WDK 2.5 / 800V WDK 2.5 BL WDK 2.5 DU-PE WDK 2.5 F WDK 2.5 F BL WDK 2.5 FF WDK 2.5 FV WDK 2.5 ZQV WDK 2.5 ZQV BL WDK 2.5/D WDK 2.5V WDK 2.5V BL WDU 1.5/ZZ WDU 1.5/ZZ BL WDU 2.5 F 2X2.8 WDU 2.5 FF 2*2.8 WDU 2.5N WDU 2.5N BL WDU 2.5N ZQV WDU 2.5N ZQV BL WDU 2.5N/600 UL WDU 4N WDU 4N BL
<b>Width</b>				
WAD 5 MC NE WS	white	48	1112910000	WDU 2.5
WAD 5 MC B GE/SW	with lightning flash black on yellow	49	1120450000	WDU 2.5 BL WDU 2.5/1.5/ZR WDU 2.5/1.5/ZR BL WDU 4 WDU 4 BL WDU 6 WDU 6 BL
<b>Width</b>				
WAD 8 MC B GE/SW	Lightning flash black on yellow	48	1120470000	WDU 10 WDU 10 BL
WAD 8 MC NE WS	white	48	1112940000	
<b>Width</b>				
WAD 12 M. BL.	yellow	50	1055960000	WDU 16/Z A WDU 16/Z A BL
WAD 12 NEUTRAL	white	50	1056260000	WDU 16N BL WDU 35/IK/Z A WDU 35/Z A WDU 35/Z A BL
<b>Width</b>				
WAD 12N GE BED	yellow	50	1073200000	WDU 16N
<b>Width</b>				
WAD 16N GE BED	yellow	50	1083600000	WDU 16N
WAD 16N WS	white	50	1083500000	WDU 35N WDU 35N BL
<b>Width</b>				
WAD 20 GE WSD	yellow	10	9512260000	WDU 50N WDU 50N BL WDU 70N/35 WDU 70N/35 BL WDU 95N WDU 95N BL
<b>Width</b>				
WAD 27 M. BL.	yellow	10	1062860000	WDU 120
WAD 27 NEUTRAL	white	10	1062960000	WDU 120 BL WDU 70/95 WDU 70/95 BL



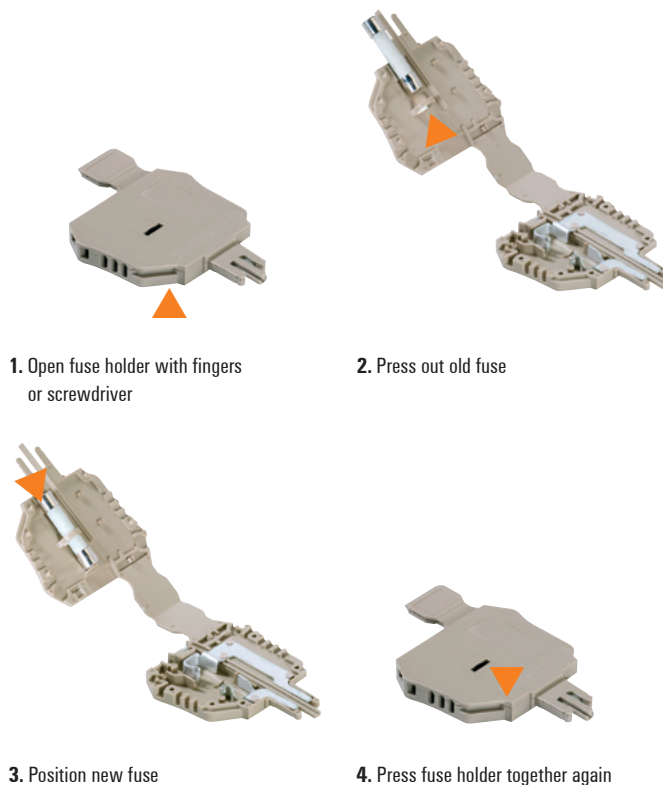
**SIHA fuse holder**



**For 5x20 G-fuse cartridges**

The SIHA fuse holder turns a test disconnect terminal into a fuse terminal in seconds: Simply remove the isolating lever and insert the fuse plug

- Simple handling – no tools required
- Housing made of Wemid (VO)
- Rated current 6.3 A
- 1.6 W power loss to DIN VDE 0611-6 at 23 °C ambient temperature (also for 1.5 times rated current – composite arrangement)
- Even fits on 5 mm wide terminals when fitted in offset arrangement
- Marking position for Dekafix 5 and space for self-adhesive label size 8/20



1. Open fuse holder with fingers or screwdriver

2. Press out old fuse

3. Position new fuse

4. Press fuse holder together again

**SIHA 1**



	Qty.	Order No.
without LED		
<b>SIHA1/G20</b>	400 V 1	<b>9537550000</b>
with LED (red)		
<b>SIHA1/G20</b>	10 - 36 V 1	<b>9537560000</b>

**For test-disconnect terminal versions**  
WTR 2.5/ZZ

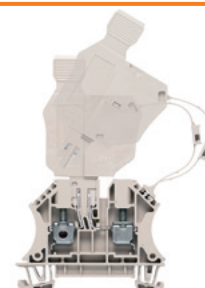
**SIHA 3**



	Qty.	Order No.
without LED		
<b>SIHA3/G20</b>	400 V 1	<b>7921560000</b>
with LED (red)		
<b>SIHA3/G20</b>	10 - 36 V 1	<b>7921570000</b>
	35 - 70 V 1	<b>7921580000</b>
	60 - 150 V 1	<b>7921590000</b>
	140 - 250 V 1	<b>7921600000</b>

**For test-disconnect terminal versions**  
WTR 4  
WTR 4/ZZ  
WTR 4/ZR  
WTR 2.5

**SIHA STRAP**

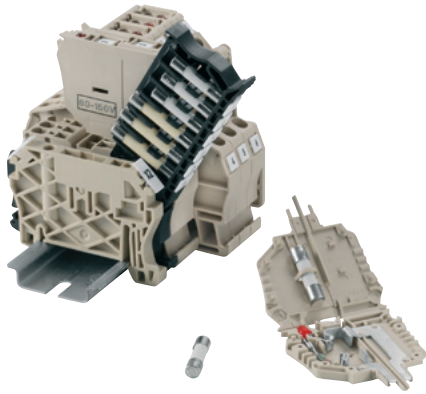


	Qty.	Order No.
with strap		
<b>SIHA STRAP</b>	20	<b>9537680000</b>

**Connector for "retro-fit" assembly**

- Receptacle in the terminal is the marking position
- Integrated marking position on the strap
- Slots into fuse holder either left or right

## Fuse carrier ZST 1



The ZST 1 fuse-carrier can hold 6 device fuses (5 x 20 or 5 x 25 mm) which are available to be used during servicing work.

## ZST 1



## Dimensions

Width / Length / Height	mm	8 / 62 / 40
-------------------------	----	-------------

## Ordering data

Type	Qty.	Order No.
ZST 1	25	1269070000

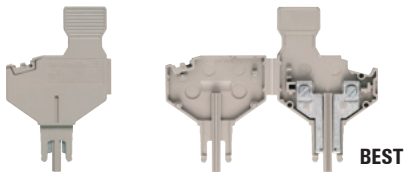
## Component isolating plugs

The Weidmüller philosophy is to realise a multitude of applications using as few parts as possible. The component and isolating plugs (BEST and TNST) represent a logical extension of this cost-effective and efficient approach. The component plug can accommodate electronic components and connect them to the terminal. And once an isolating plug is removed, the clamping point is obviously disconnected. The opening is easy to recognise.

An unintentional reconnection of the circuit is prevented by simply removing the isolating plug. The BEST and the TNST have the same pin arrangement. Both plugs are also identical with the SIHA 3 fuse holder, meaning that they can be used in all the "disconnecting products" of the W-, Z-, I- and P-Series.

## Component plug (up to 250 V)

can be reversed



## Ordering data

Type	Fitted with...	Qty.	Order No.
BEST	-	25	1833100000
BEST/DRBR	wire jumper	25	1878570000
BEST/D	diode 1N4007	25	1878560000

## For terminal type

PTR 2.5/4...

PDL 4 TR/...

## Isolating plug

Isolating plug



## Ordering data

Type	Colour	Qty.	Order No.
TNST	yellow Wemid	25	1833090000

## For terminal type

WTR 2.5

WTR 4

WTR4/ZZ

WTR4/ZR

**Screen plug (LS)**

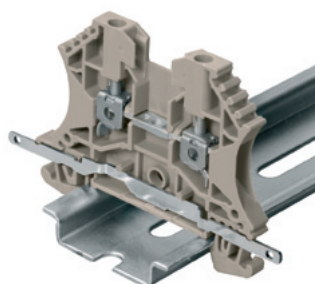
A screen plug (LS) is available for many terminals in the W-Series. The bar can be used to continue the shielding over the terminals as an interface. There is no direct connection to earth potential.

**Assembly**

The screen plug is placed flat in the bottom of the terminal in the recess provided. At the ends, the shield can be plugged in with a 2.8 mm Faston connector or soldered on.

**Reduced rated voltage**

The smaller clearance and creepage sections result in a reduced voltage rating in the terminal when using the screen plug.



**LS 2.8**

Type	Qty.	Order No.
LS 2.8 WDU2.5-10	50	1056400000

**Reduced voltage**

For terminal standard design	Reduced voltage
WDU 1.5/ZZ	400 V
WDU 2.5/1.5/ZR	400 V
WDU 2.5	400 V
WDU 4	400 V
WDU 6	400 V
WDU 10	400 V
WDK 2.5 ZQV	250 V
WDK 2.5 (WQV)	250 V
WTR 2.5...	250 V
For terminal compact design	Reduced voltage
WDK 2.5N	250 V
WDK 4N	250 V

**Short-circuit plug (WDS)**

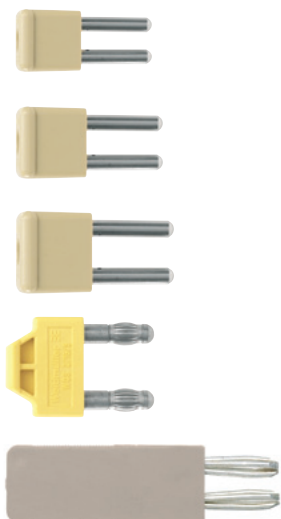
Short-circuit plugs (cross-connection plugs) are used together with sockets (diameter 2.3 mm) for easily disconnecting the cross connection of terminals.

In reality, this connector is often used with test-disconnect terminals. Thanks to its insulated grip, the WDS is touch-safe.

**Assembly**

The plug is simply plugged onto the socket and locks automatically.

For terminal width 5.1 mm



**WDS**

Type	Qty.	Order No.
WDS 2	20	1069900000

**Reduced voltage**

For terminal	Reduced voltage
WDU 1.5/ZZ	
WDU 2.5/1.5/ZR	
WDU 2.5	
WDK 2.5... (WQV)	
WTR 2.5...	
WDU 2.5 F...	

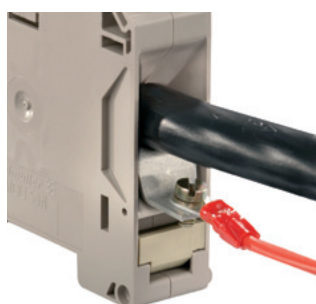
**Extension connector (WZAD)**



**Assembly**

This connector consists of a metal part which is pushed into the terminal and lodges behind the clamping yoke. The WZAD extension connector is connected to the "main" conductor in the terminal. Another conductor of up to 4 mm<sup>2</sup> and 32 A can be screwed to the outer end of the extension connector using a ring cable lug.

An extension connector (WZAD) is offered for feed-through terminals from 70 mm<sup>2</sup>.



**Exception WZAD WDU 240**

The extension connector for WDU 240 is plugged separately into the terminal above the wire entry and locks automatically. The conductor is connected with a fully insulated screw connection.



**WZAD**

Type	Clamped conductor	Rated current	Qty.	Order No.	For terminal
WZAD 70/95	up to 4 mm <sup>2</sup>	32 A	10	1066000000	WDU 70/95
WZAD 120	up to 4 mm <sup>2</sup>	32 A	10	1066100000	WDU 120/150
WZAD 240	up to 10 mm <sup>2</sup>	57 A	5	1802810000	WDU 240
WZAD 50N	up to 10 mm <sup>2</sup>	40 A	5	1872720000	WDU 50N
WZAD 70N	up to 4 mm <sup>2</sup>	32 A	10	1964830000	WDU 50N/70N
WZAD 95N/120N	up to 10 mm <sup>2</sup>	41 A	5	1859580000	WDU 95N/120N

**WZAF with M3 mounting screw**

Type	Clamped conductor	Rated current	Qty.	Order No.	For terminal
WZAF 35	4 mm <sup>2</sup>	32 A	10	1070500000	WFF 35
WZAF 70	4 mm <sup>2</sup>	32 A	10	1066200000	WFF 70
WZAF 120	4 mm <sup>2</sup>	32 A	10	1066300000	WFF 120
WZAF 185	4 mm <sup>2</sup>	32 A	10	1066400000	WFF 185
WZAF 300	4 mm <sup>2</sup>	32 A	10	1066500000	WFF 300

**PEN bridges**

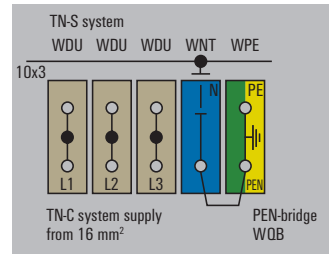
Energy distribution for machines or in buildings usually consists of 5-conductor systems (TN-S). By contrast, energy supply mains are frequently rated as 4-conductor connection. A PEN bridge joins separate PE and N conductors into one PEN conductor, creating the transition from a TN-S to a TN-C system.

**Standard installation**

Depending on the terminal type, inside or outside, PEN bridges are available for both PE and N conductor terminals from 10 mm<sup>2</sup>. **Important!** For outside bridges, please note that in this context only the next smaller rated cross-section (than standard) can be connected.

**Building installation with N-conductor isolation**

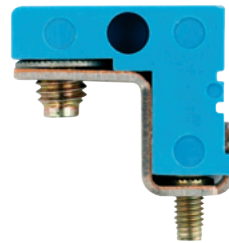
Special external cross-connections (WQB-PEN) are available for neutral conductor test-disconnect terminals (WNT). These establish contact between the NT and PE terminals. This results in an earthed neutral conductor with protection function in three-phase systems.



**External PEN bridge**



**Inside PEN bridge**



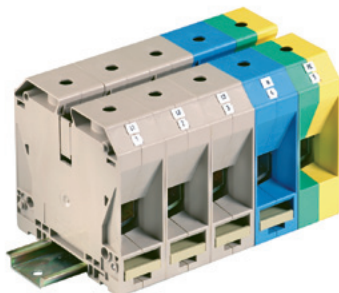
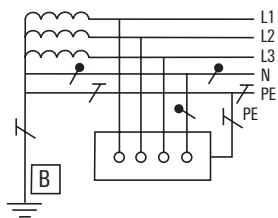
**WQB-PEN ...**

Type	Qty.	Order No.	For terminal
<b>with standard terminals</b>			
WQB-PEN 10	10	1060300000	WPE 10 WDU 10 BL
WQB-PEN 16	10	1060200000	WPE 16 WDU 16 BL
WQB-PEN 35	10	1060100000	WPE 35 WDU 35 BL
<b>with compact terminals</b>			
WQB-PEN 16N	10	1079600000	WNT 16N WPE 16N
WQB-PEN 35N	10	1079500000	WNT 35N WPE 35N
WQB-PEN 70N	10	1079700000	WNT 70N WPE 70N

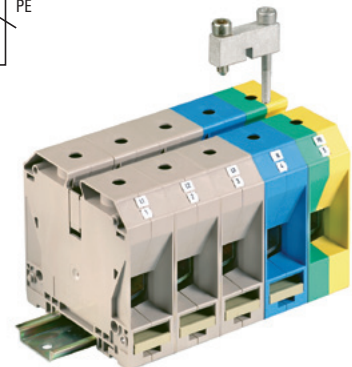
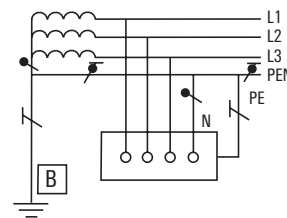
**WQV ... -PEN**

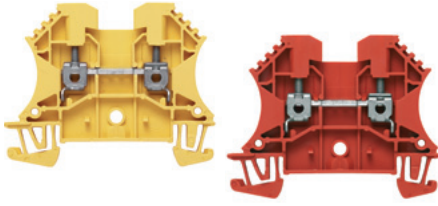
Type	Qty.	Order No.	For terminal
WQV 16N-PEN	10	1071360000	WPE 16N WDU 16N BL
WQV 70N-PEN	5	9525840000	WPE 70N WDU 70N BL
WQV 70/95-PEN	5	1072300000	WPE 70/95 WDU 70/95 BL
WQV 120-PEN	5	1072400000	WPE 120/150 WDU 120/150 BL
WQV 50N-PEN		9201610000	WPE 50N WDU 50N
WQV 95N/120N-PEN		9201630000	WPE 95N/120N WDU 95N/120N

**TN-S system:**



**TN-C system:**





The colours listed are available as standard. Other terminal types can be supplied in customised colours on request for quantities exceeding the minimum quantity.

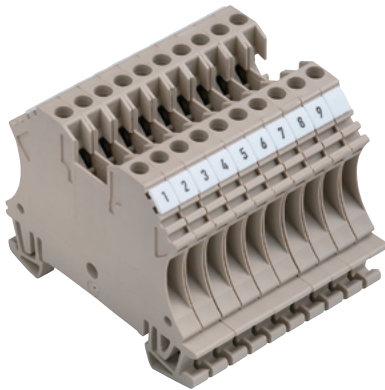
**Standard design**

WDU 2.5	Colour	Qty.	Order No.
WDU 2.5 BL	blue	100	1020080000
WDU 2.5 OR	orange	100	1020060000
WDU 2.5 BR	brown	100	1037710000
WDU 2.5 GE	yellow	100	1020020000
WDU 2.5 GN	green	100	1020090000
WDU 2.5 GR	grey	100	1037720000
WDU 2.5 RT	red	100	1020040000
WDU 2.5 SW	black	100	1020010000
WDU 2.5 VI	violet	100	1037700000
WDU 2.5 WS	white	100	1036800000
<b>WDK 2.5</b>			
WDK 2.5 OR	orange	100	1021560000
<b>WDK 2.5 V</b>			
WDK 2.5 V OR	orange	100	1022360000
WDK 2.5 V GE	yellow	100	1022350000
<b>WDU 4</b>			
WDU 4 BL	blue	100	1020180000
WDU 4 OR	orange	100	1036760000
WDU 4 BR	brown	100	1037810000
WDU 4 GE	yellow	100	1020120000
WDU 4 GE/SW	yellow/black	100	1020190000
WDU 4 GN	green	100	1020160000
WDU 4 GR	grey	100	1037800000
WDU 4 RT	red	100	1020140000
WDU 4 SW	black	100	1020110000
WDU 4 VI	violet	100	1037820000
WDU 4 WS	white	100	1036700000
<b>WDU 6</b>			
WDU 6 BL	blue	100	1020280000
WDU 6 OR	orange	100	1020260000
WDU 6 GE	yellow	100	1040220000
WDU 6 GN	green	100	1020290000
WDU 6 GR	grey	100	1039600000
WDU 6 RT	red	100	1020240000
WDU 6 SW	black	100	1020210000
WDU 6 WS	white	100	1039700000
<b>WDU 10</b>			
WDU 10 BL	blue	50	1020380000
WDU 10 GE	yellow	50	1833350000
WDU 10 GN	green	50	1833340000
WDU 10 OR	orange	50	1020360000
WDU 10 RT	red	50	1020340000
WDU 10 SW	black	50	1020310000
WDU 10 WS	white	50	1833380000
<b>WDU 16</b>			
WDU 16 BL	blue	50	1020480000
WDU 16 RT	red	50	1833400000
WDU 16 SW	black	50	1833420000
<b>WDU 35</b>			
WDU 35 BL	blue	40	1020580000
WDU 35/IK BL	blue	40	1020680000
WDU 35/ZA BL	blue	40	1028880000
WDU 35/ZA OR	orange	40	1060220000
<b>WSI 6</b>			
WSI 6 OR	orange	50	1011060000
WSI 6 SW	black	50	1011010000
WSI 6 BL	blue	50	1011080000
<b>WTD 6/1</b>			
WTD 6/1 GE	yellow	50	1631760000
WTD 6/1 RT	red	50	1631750000
<b>WTL 6/3</b>			
WTL 6/3 BR	brown	50	1018640000

**Compact design**

WDU 2.5	Colour	Qty.	Order No.
WDU 2.5N BL	blue	100	1023780000
WDU 2.5N OR	orange	100	1023760000
WDU 2.5N ZQV BL	blue	100	1040880000
<b>WDK 4N</b>			
WDK 4N BL	blue	100	1042680000
WDK 4N OR	orange	100	1041960000
<b>WDU 16</b>			
WDU 16N BL	blue	50	1036180000
<b>WDU 35</b>			
WDU 35N BL	blue	20	1040480000
WDU 35N KB BL	blue	20	1836550000

Pre-fitted terminal blocks



Readily assembled and marked terminal blocks are available as a standard feature for smaller cross-section ranges.

Installation times can be reduced by simply slotting in complete blocks. The rating data depends on the corresponding terminal type.

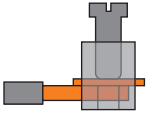
**Important!**

- Tolerances for mounting must be heeded in project planning. A mounting tolerance of +0.1 mm must be expected for each terminal.
- In terminal blocks marked 1- 9, the 10th terminal is free for decade marking
- Terminal blocks WDU 70/95 and WDU 120/150 for direct mounting only.  
For direct mounting without the terminal rail please take note of the drilling plan. Fix with screw M6x16. (Order No. 1063700000/ VPE 20)

WDU 2.5	Qty.	Order No.	Description
WDU 2.5/10 BEZ	10	1020700000	10 x WDU 2.5, identified by printed marking strip DEK 5 (nos. 1 - 9)
WDU 2.5/10 BEZ/NE	10	1020800000	10 x WDU 2.5, with blank marking strip DEK 5
WDK 2.5			
WDK 2.5/10	10	1025700000	10 x WDK 2.5 (WQV), with blank marking strip DEK 5
WDU 4			
WDU 4/10/BEZ	10	1020900000	10 x WDK 2.5 (ZQV), identified by printed marking strip DEK (nos. 1-9)
WDU 4/10	10	1021000000	10 x WDU 4, identified by printed marking strip DEK 6
WMA 4/4	20	1034000000	3 x WDU 4 (marked L1, L2, L3), WPE 4 (marked PE)
WMA 4/5	20	1033800000	3 x WDU 4 (marked L1,L2,L3), DEU 4 in blue (identified by N), WPE 4 (marked PE)
WDU 70/95			
WDU 70/95/3	4	1026700000	3 x WDU 70/95
WDU 70/95/5/N	2	1032300000	mains terminal block, 3x WDU 70/95 dark beige, 1x WDU 70/95 blue, 1 x WDU 70/95 green
WDU 120/150			
WDU 120/150/5	2	1026600000	5 x WDU 120/150
WDU 120/150/5/N	2	1032400000	mains terminal block, 3 x WDU 120/150 dark beige, 1 x WDU 120/150 blue, 1 x WDU 120/150 green
WDL 2.5			
WDL 2.5/3/S/NT/L/PE	25	1034200000	3 x WDL 2.5/S/NT/L/PE
WDL 2.5/2/NT/L/PE-L/L	20	1034100000	WDL 2.5/S/NT/L/PE and WDL 2.5/S/L/L
AKZ 4			
AKZ 4/10	10	0359560000	10 x AKZ 4
AKZ 4/10/BEZ	10	0359660000	10 x AKZ 4, identified by printed marking strips DEK 5 (nos. 1-9)



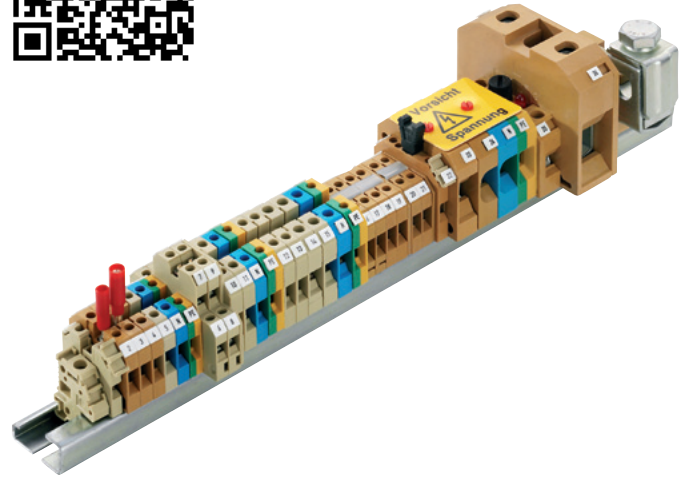
# SAK-Series / Clamping yoke screw connection technology



- Put to the test billions of times**  
 Countless approvals, specifications and the world's most extensive range of terminals mean that SAK terminals can be used for a wide range of different applications.
- The right materials for every application**  
 Ambient temperatures are not an issue for the SAK-Series thanks to different materials such as polyamide, thermoplastics and heat-resistant ceramics.
- Best conductivity and high contact force**  
 Thanks to its design, the legendary high-strength steel screw clamp absorbs every geometric change to the connected conductor.



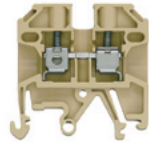
You can find out more information about the SAK series in our online catalogue.



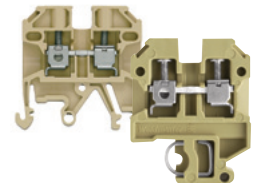
All materials checked for conformity with the latest environmental directives and RoHS requirements.

## Versions

- Cross-sections from 0.5 to 35 mm<sup>2</sup>
- TS 32/TS 35 "2 in 1" combination foot



- Cross-sections from 0.5 to 95 mm<sup>2</sup>
- Special foot for TS 35
- Special foot for TS 32



## Product assortment

Terminal type	Rated cross-section						Flat-blade connection	Faston-connection	Spring loaded	Solder connection
	2.5 mm <sup>2</sup>	4 mm <sup>2</sup>	6 mm <sup>2</sup>	10 mm <sup>2</sup>	16 mm <sup>2</sup>	35 mm <sup>2</sup>				
<b>Feed-through terminals</b>										
PA 6.6 / TS 32	•	•	•	•	•	•		•	•	•
KRG / TS 32	•	•	•	•	•	•	•	•	•	•
PA 6.6 / TS 35	•	•	•	•	•	•		•	•	•
KRG / TS 35	•	•	•	•	•	•	•	•	•	•
PA 6.6 / combination foot	•	•	•	•	•	•				
PA 6.6 / TS 15	•	•						•		
Double level terminals		•								
<b>PE terminals</b>										
PA 6.6 / TS 32	•	•		•	•	•				
PA 6.6 / TS 35	•	•	•	•	•	•				
PA 6.6 / TS 15	•	•								
<b>Fuse terminals</b>										
PA 6.6 / TS 32				•						
PA 6.6 / TS 35				•						
KrG / TS 32				•	•					
KrG / TS 35				•	•					
PA 6.6 / TS 15		•								
PA 6.6 / combination foot		•								
<b>Double level fuse terminals</b>										
PA 6.6 / TS 32		•								
PA 6.6 / TS 35		•								
PA 6.6 / combination foot		•								
<b>Disconnect test terminal blocks</b>										
TS 35		•		•						
PA 6.6 / TS 15		•								
Two-tier disconnect test terminals		•						•		
Ceramic terminals		•		•						



**1 The connection**

Separation of electrical and mechanical functions:

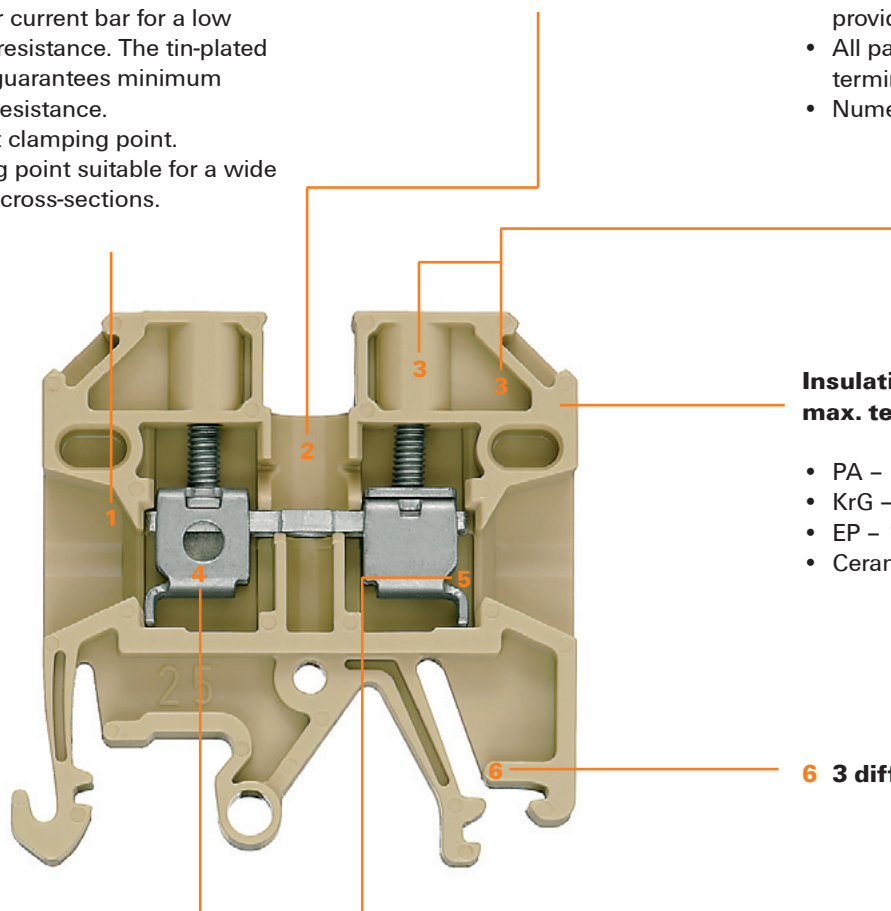
- Clamping yoke and clamping screw made from hardened steel for high contact forces.
- A copper current bar for a low through resistance. The tin-plated surface guarantees minimum contact resistance.
- Gas-tight clamping point.
- Clamping point suitable for a wide range of cross-sections.

**2 Cross-connection channel**

- Any number of poles can be created by stacking the pre-fitted cross-connections.

**3 Easy to use**

- Built-in reserve when undoing the clamping screw – particularly important for mechanical screwing tools.
- Recessed clamping screw position provides a guide for the screwdriver.
- All parts fitted captive within the terminal.
- Numerous labelling options.



**Insulating materials and max. temperatures**

- PA – 100 °C
- KrG – 130 °C
- EP – 160 °C
- Ceramic – 250 °C

**6 3 different snap-on feet**

**4 Reliable contact**

- The steel clamping yoke compensates for temperature-induced changes to the conductor (no gradual loosening) required.
- Low-maintenance, vibration-resistant connection – no need to retighten the clamping screw.
- The highest contact force of any connection system – and in a compact space.

**5 Safe to use**

- Terminals supplied with open clamping point
- Yoke tab prevents incorrect insertion of conductors.

**Standards and directives**

The reliable contact and dependability of the Weidmüller systems are verified by:

- Type tests to IEC 6047-7-1/2
- National and international approvals
- A large portfolio of UL and CSA approvals
- ATEX approval
- IECEx approved



