

## Reliability connects

# Klippon® Connect sets standards with clamping yoke technology

Whatever your requirements for the panel: our screw connection system with patented clamping yoke technology ensures the ultimate in contact safety. You can use both screw-in and plug-in cross-connections for potential distribution. Two conductors of the same diameter can also be connected in a single terminal point in accordance with UL1059. The screw connection has long been an established connection element to meet exacting demands in terms of reliability and functionality. And our W-Series is still setting standards.

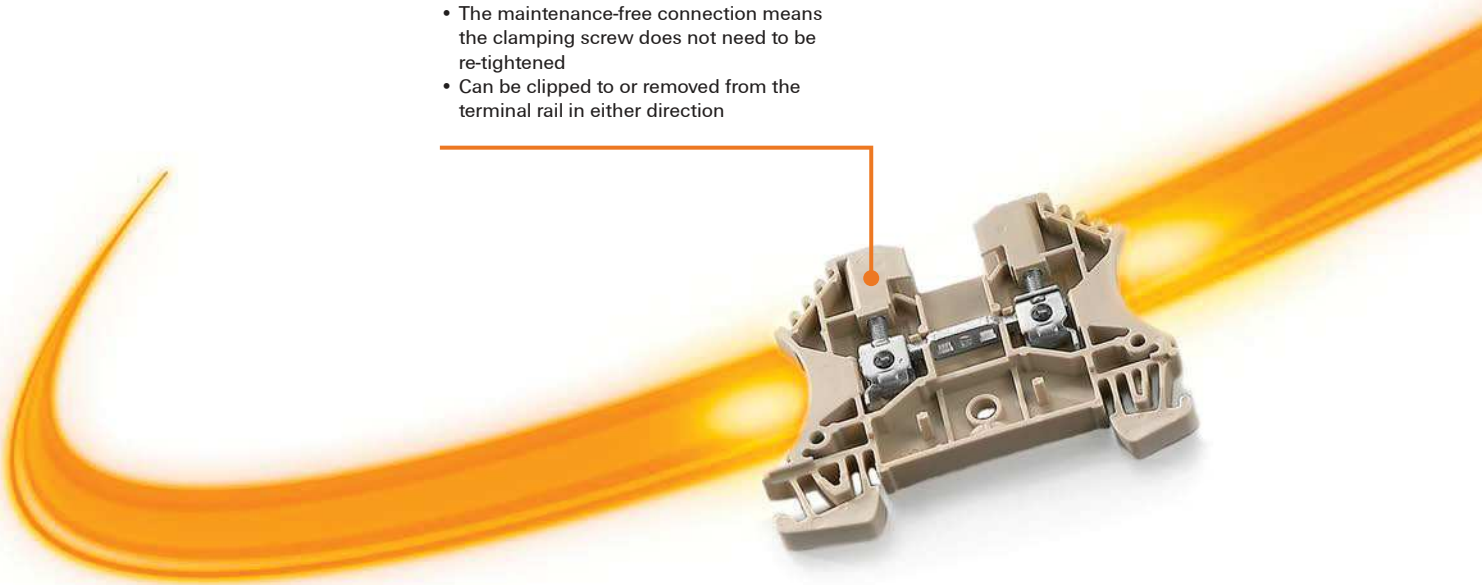


### Our promise

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

### Flexibility

- The maintenance-free connection means the clamping screw does not need to be re-tightened
- Can be clipped to or removed from the terminal rail in either direction



**Time saving**

- Quick installation as the products are delivered with clamping yoke open
- Identical contours for easier planning

**Space saving**

- Small „W-Compact“ size saves space in the panel
- Two conductors can be connected for each contact point

**Safety**

- The clamping yoke properties compensate for temperature-indexed changes to the conductor to prevent loosening
- Vibration-resistant connectors – ideal for applications in harsh conditions
- Protection against incorrect conductor entry
- Copper current bar for low voltages, clamping yoke and screw made of hardened steel
- Precise clamping yoke and current bar design for safe contact with even the smallest of conductors

**Overview**

You can rely on it: thanks to the range of models and real flexibility, our terminal blocks with clamping yoke technology can be used in a wide range of different applications.

**Universal application:**

Numerous national and international approvals and qualifications in accordance with a variety of application standards make the W-series a universal connection solution, especially in harsh conditions.

**Varied product assortment with wide clamping range:**

Our terminal blocks with clamping yoke technology are available in both standard and compact designs. The compact design covers wire cross-sections from 0.05 mm<sup>2</sup> to 150 mm<sup>2</sup> and helps save space in the panel. The standard version covers conductor cross sections of up to 240 mm<sup>2</sup>. The identical contours of the terminal blocks make configuration easier and reduces the quantity of accessories required.

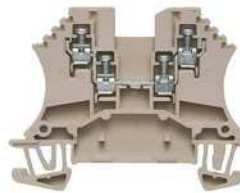




**WDU 1.5/ZZ**

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

Twin connection



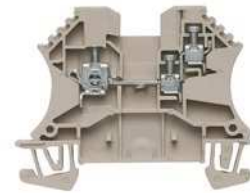
Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

5.1 x 60 x 46.5
<b>23 / 2.5</b>
<b>0.13...2.5</b>

**WDU 2.5/1.5/ZR**

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

Supplementary connection, right



5.1 x 60 x 46.5
<b>32 / 4</b>
<b>0.05...4</b>

**Technical data**

<b>Rated data</b>	
Rated voltage	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	-
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 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	550
17.5	25	10	17.5
1.5	AWG 26...12	AWG 26...12	2.5 mm <sup>2</sup>
8 kV / 3			
A1 / V-0			
DEMKO14ATEX1338U			
<b>Rated connection</b>	<b>Further connection</b>		
0.5...2.5 / 0.5...2.5	0.5...1.5 / 0.5...1.5		
0.5...1.5 / 0.5...1.5	/ (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 WDU cross-connector!

IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	690
24	20	20	24
2.5	AWG 30...12	AWG 26...14	2.5 mm <sup>2</sup>
8 kV / 3			
A3, A1 / V-0			
DEMKO14ATEX1338U			
<b>Rated connection</b>	<b>Further connection</b>		
0.5...4 / 1.5...4	0.5...2.5 / 0.5...2.5		
0.5...4 / 0.5...2.5	0.5...1.5 / 0.5...1.5		
10 / 0.6 x 3.5 mm	7 / SD 0.6 x 3.5		
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).

**Ordering data**

<b>Version</b>	
	dark beige
	Blue
<b>Note</b>	

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

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 the ZDV cross-connector, additional connection (right 1.5 mm<sup>2</sup>)

**Accessories**

<b>Plug-in cross-connection</b>	
	2-pole
	10-pole
<b>Screwable cross-connection</b>	
	2-pole
	10-pole
<b>End plate / Partition plate</b>	
	dark beige
	Blue
	dark beige
	Blue
<b>End bracket</b>	
	dark beige
<b>Testing / Checking</b>	
	Standard
	With spigot
<b>Cover</b>	
	With lightning flash symbol
	Blank, white
<b>Marking tags</b>	

Type	Qty.	Order No.
ZDV 2.5N/2	24 A 60	1527540000
ZDV 2.5N/10	24 A 20	1527690000
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WTA 2 WDU2.5-10	6 A 25	1632320000
WTA 2/ZA WDU2.5-10	6 A 25	1632330000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Cross-connections, socket and test plug, see section "W series accessories".

Type	Qty.	Order No.
ZDV 2.5N/2	24 A 60	1527540000
ZDV 2.5N/10	24 A 20	1527690000
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WTA 2 WDU2.5-10	6 A 25	1632320000
WTA 2/ZA WDU2.5-10	6 A 25	1632330000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Note: Use a 2.5 / 1 mm<sup>2</sup> conductor with the WQB. Cross-connections, see section "W series accessories".

# Screw connection with clamping yoke technology (W-Series)

## Feed-through terminal blocks

Universal range

A

### AKZ 2.5

2.5 mm<sup>2</sup>

Feed-through terminal for TS 15



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

5.1 x 25.5 x 26.3
<b>32 / 4</b>
<b>0.13...4</b>

#### Technical data

<b>Rated data</b>	
Rated voltage	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	-
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	-
<b>Note</b>	

IEC 60947-1	UL	CSA	EN 60079-7
250	300	300	220
24	10	10	24
2.5	AWG 26...12	AWG 26...10	4 mm <sup>2</sup>
4 kV / 3			
A3 / V-2			
TUEV18ATEX8221U			
<b>Rated connection</b>	<b>Further connection</b>		
0.5...4 / 1.5...2.5	0.5...2.5 / 0.5...2.5		
0.5...2.5 / 0.5...2.5	/ (M 2.5)		
7 / 0.5 x 3.0 mm			
0.5...1.5			

#### Ordering data

<b>Version</b>	
dark beige	
beige	
Blue	
<b>Note</b>	

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
AKZ 2.5	100	0697160000
AKZ 2.5 BL	100	0697180000
AKZ 2.5 order No. 0697160000 and 0697180000 made of PA with flammability rating acc. to UL 94V-2		

#### Accessories

<b>Plug-in cross-connection</b>		
2-pole		
10-pole		
<b>Screwable cross-connection</b>		
2-pole		
10-pole		
<b>End plate / Partition plate</b>		
dark beige		
Blue		
dark beige		
Blue		
<b>End bracket</b>		
dark beige		
<b>Testing / Checking</b>		
Standard		
With spigot		
Test plug		
Socket		
<b>Cover</b>		
Blank, yellow		
Blank, white		
With lightning flash symbol		
<b>Marking tags</b>		
DEK 5/5 MC NE WS	1000	1609801044
<b>For detailed information on other accessories and application in the online catalogue</b>		

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
Q 2 AKZ1.5	24 A 50	0368200000
Q 10 AKZ1.5	24 A 20	0368500000
AP AKZ2.5	50	0697360000
AP AKZ2.5 BL	50	0697380000
TW AKZ2.5	20	0318560000
EW 15	50	0382860000
PS 2.3 RT	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000
Cross-connections, see section "W series accessories".		

### WDU 2.5

2.5 mm<sup>2</sup>



5.1 x 60 x 46.5
<b>32 / 4</b>
<b>0.05...4</b>

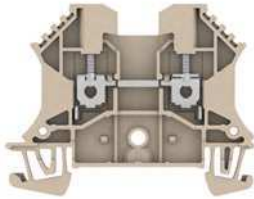
IEC 60947-1	UL	CSA	EN 60079-7
800	600	600	690
24	25	20	24
2.5	AWG 30...12	AWG 26...12	2.5 mm <sup>2</sup>
8 kV / 3			
A3 / V-0			
DEMKO14ATEX1338U			
<b>Rated connection</b>	<b>Further connection</b>		
0.5...4 / 1.5...4	0.5...4 / 0.5...2.5		
0.5...4 / 0.5...2.5	/ (M 2.5)		
10 / 0.6 x 3.5 mm			
0.5...1.5			
0.5...1.5 / 0.5...1.5			
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).			

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WDU 2.5	100	1020000000
WDU 2.5 BL	100	1020080000
Rated voltage is 400 V when using the cross-connector. For colour versions, see section on W-series Accessories		

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WTA 2 WDU2.5-10	6 A 25	1632320000
WTA 2/ZA WDU2.5-10	6 A 25	1632330000
WAD 5 MC NE GE	48	1112920000
WAD 5 MC NE WS	48	1112910000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
Ensure 2.5 mm <sup>2</sup> max. when using the WQB. Only 400 V with the use of shield bus LS 2.8 1056400000.		

WDU 2.5 HV

2.5 mm<sup>2</sup>



5.1 x 60 x 46.5  
32 / 4  
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
24			
2.5			
8 kV / 3			
A3 / V-0			

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

Type	Qty.	Order No.
WDU 2.5 HV	100	1412950000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WTA 2 WDU2.5-10	6 A 25	1632320000
WTA 2/ZA WDU2.5-10	6 A 25	1632330000
WAD 5 MC NE GE	48	1112920000
WAD 5 MC NE WS	48	1112910000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

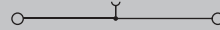
WDU 2.5N

2.5 mm<sup>2</sup>

With screwable cross-connection  
Compact design



5.1 x 44 x 37  
32 / 4  
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	352
24	20	20	24
2.5	AWG 22...12	AWG 26...12	2.5 mm <sup>2</sup>
6 kV / 3			
A3 / V-0			

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

For colour versions, see section on W-Series Accessories - specific functions.

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDU2.5N/4N	50	1060000000
WAP WDU2.5N/4N BL	50	1060080000
EW 35	50	0383560000
WTA 1 WDU1.5	6 A 25	1632290000
WTA 1/ZA WDU1.5	6 A 25	1632300000
WAD 4 WS	50	1072100000
WAD 4 GE BED	50	1072000000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

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

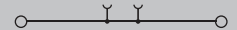
WDU 2.5N/ZQV

2.5 mm<sup>2</sup>

With pluggable cross-connection  
Compact design



5.1 x 44 x 37  
32 / 4  
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500		300	
24		25	
2.5		AWG 26...12	
6 kV / 3			
A3 / V-0			

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.25...2.5	
/(M 2.5)	
10 / 0.6 x 3.5 mm	
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	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP WDU2.5N/4N	50	1060000000
WAP WDU2.5N/4N BL	50	1060080000
EW 35	50	0383560000
WTA 1 WDU1.5	6 A 25	1632290000
WTA 1/ZA WDU1.5	6 A 25	1632300000
WAD 4 WS	50	1072100000
WAD 4 GE BED	50	1072000000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Cross-connections, see section "W series accessories".



## Screw connection with clamping yoke technology (W-Series)

### Feed-through terminal blocks

#### WDU 2.5N/600 UL

2.5 mm<sup>2</sup>

Compact design



#### AKZ 4

4 mm<sup>2</sup>

Feed-through terminal for TS 15



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

5.1 x 44 x 42.7	
<b>32 / 4</b>	
<b>0.05...4</b>	

6.1 x 27 x 29	
<b>41 / 6</b>	
<b>0.13...6</b>	

#### Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	25	20	
2.5	AWG 22...12	AWG 26...12	
8 kV / 3			
A3 / V-0			

CE CB IEC KEMA VDE

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
/ (M 2.5)	
10 / 0.6 x 3.5 mm	
2 conductors with same cross-section (H05V/H07V)	
0.5...1.5 / 0.5...1.5	
/ 0.5...1.5	

2.5 mm<sup>2</sup> conductor with ferrule with plastic collar, with the collar optimised for diameter only (order No. 1333100000, QTY 500).

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	275
32	27	10	32
4	AWG 26...12	AWG 24...12	6 mm <sup>2</sup>
6 kV / 3			
A3 / V-2			

Ex eb II C Gb II 2 G D

TUEV18ATEX8221U

Rated connection	Further connection
0.5...6 / 1.5...4	
0.5...4 / 0.5...2.5	
/ (M 3)	
8 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

#### Ordering data

Version	
dark beige	
beige	
Blue	
Note	

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

Type	Qty.	Order No.
AKZ 4	100	0294360000
AKZ 4 BL	100	0294380000

AKZ 4 order No. 0294360000 and 0294380000 made of PA with flammability rating acc. to UL 94/V-2

#### Accessories

Plug-in cross-connection	
2-pole	
10-pole	
Screwable cross-connection	
2-pole	
10-pole	
End plate / Partition plate	
dark beige	
Blue	
dark beige	
Blue	
End bracket	
dark beige	
Testing / Checking	
Standard	
With spigot	
Test plug	
Socket	
Cover	
Blank, white	
Blank, yellow	
With lightning flash symbol	
Marking tags	

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDU2.5N/4N	50	1060000000
WAP WDU2.5N/4N BL	50	1060080000
WEW 35/2	50	1061200000
WTA 1 WDU1.5	6 A 25	1632290000
WTA 1/ZA WDU1.5	6 A 25	1632300000
WAD 4 WS	50	1072100000
WAD 4 GE BED	50	1072000000
WS 8/5 MM WS	800	2007150000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 12/5 MC NE WS	720	1609860000

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

Type	Qty.	Order No.
Q 2 AKZ4	24 A 50	0336400000
Q 10 AKZ4	24 A 20	0368600000
AP AKZ4	20	0294460000
AP AKZ4 BL	20	0294480000
TW AKZ4	50	0348260000
EW 15	50	0382860000
PS 2.3 RT	20	0180400000
STB 8.5/04/2.3/M2.5 AKZ	50	0215700000
DEK 5/6 MC NE WS	1000	1609820000

Cross-connections, see section "W series accessories".

For detailed information on other accessories and application in the online catalogue

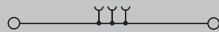
Cross-connections, see section "W series accessories".

WDU 4

4 mm<sup>2</sup>



6.1 x 60 x 46.5  
41 / 6  
0.13...6



Ex eb II  
C Gb II 2 G D

IEC 60947-7-1	UL	CSA	EN 60079-7
800	600	600	690
32	35	35	32
4	AWG 26...10	AWG 26...10	4 mm <sup>2</sup>

8 kV / 3  
A4 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...6 / 0.5...4	
/(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

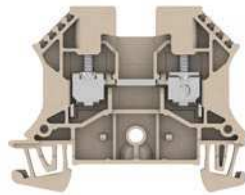
1000 VDC rated voltage tested. Rated voltage is 400 V when using the cross-connector. For alternative colours, see section on W-series accessories

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WQV 4/2	41 A 50	1051960000
WQV 4/10	41 A 20	1052060000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WTA 3 WDU4	6 A 25	1632350000
WTA 3/ZA WDU4	6 A 25	1632360000
WAD 5 MC NE WS	48	1112910000
WAD 5 MC NE GE	48	1112920000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

Socket and test plug, see section "W series accessories". Only 400 V with the use of shield bus LS 2.8 1056400000.

WDU 4 HV

4 mm<sup>2</sup>



6.1 x 60 x 46.5  
41 / 6  
0.13...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
32			
4			

8 kV / 3  
A4 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...6 / 0.5...4	
/(M 3)	
10 / 0.6 x 3.5 mm	
0.5...2.5	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDU 4 HV	100	1412960000

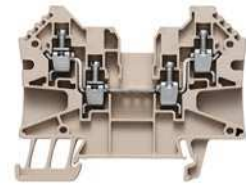
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WQV 4/2	41 A 50	1051960000
WQV 4/10	41 A 20	1052060000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WTA 3 WDU4	6 A 25	1632350000
WTA 3/ZA WDU4	6 A 25	1632360000
WAD 5 MC NE WS	48	1112910000
WAD 5 MC NE GE	48	1112920000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000

Socket and test plug, see section "W series accessories". Only 400 V with the use of shield bus LS 2.8 1056400000.

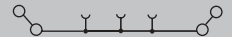
WDU 4/ZZ

4 mm<sup>2</sup>

Twin connection



6.1 x 70 x 53  
32 / 6  
0.05...6



Ex eb II  
C Gb II 2 G D

IEC 60947-7-1	UL	CSA	EN 60079-7
800	600	600	690
32	30	30	29.5
4	AWG 30...10	AWG 30...10	4 mm <sup>2</sup>

8 kV / 3  
A4 / V-0

DEMKO14ATEX1338U

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

Type	Qty.	Order No.
WDU 4/ZZ	50	1905060000
WDU 4/ZZ BL	50	1114720000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WQV 4/2	41 A 50	1051960000
WQV 4/10	41 A 20	1052060000
WAP WDU/WTR4/ZZ	50	1905150000
WEW 35/2	50	1061200000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000

Cross-connections, see section "W series accessories".



## Screw connection with clamping yoke technology (W-Series)

### Feed-through terminal blocks

Universal range

A

#### WDU 4/ZR

4 mm<sup>2</sup>

Supplementary connection, right



#### WDU 4N

4 mm<sup>2</sup>

Compact design



Width/Height/Depth	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
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	-
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
	Blue
Note	

#### Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Testing / Checking	
	Standard
	With spigot
Cover	
	With lightning flash symbol
	Blank, white
Marking tags	

6.1 x 63.5 x 53	
32 / 6	
0.05...6	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800	600	600	690
32	30	30	31
4	AWG 30...10	AWG 30...10	4 mm <sup>2</sup>
8 kV / 3			
A4 / V-0			
DEMKO14ATEX1338U			
Rated connection		Further connection	
0.5...6		0.5...6	
0.5...4		0.5...4 / 0.5...4	
/ (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	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP WDU/WTR4/ZR	50	1905070000
WEW 35/2	50	1061200000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

6.1 x 44 x 37.7	
39 / 6	
0.13...6	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm <sup>2</sup>
6 kV / 3			
A4 / V-0			
DEMKO14ATEX1338U			
Rated connection		Further connection	
0.5...6 / 1.5...6			
0.5...4 / 0.5...4			
/ (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	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP WDU2.5N/4N	50	1060000000
WAP WDU2.5N/4N BL	50	1060080000
WEW 35/2	50	1061200000
WTA 1 WDU1.5	6 A 25	1632290000
WTA 1/ZA WDU1.5	6 A 25	1632300000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

For detailed information on other accessories and application in the online catalogue

Cross-connections, see section "W series accessories".

Cross-connections, see section "W series accessories".





WDU 6 SL

6 mm<sup>2</sup>



7.9 x 60 x 46.5  
57 / 6  
0.5...6



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
630	150	300	275
41	50	45	40
6	AWG 20...8	AWG 20...8	6 mm <sup>2</sup>

6 kV / 2  
A5 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
0.5...6 6	
0.5...6	
/(M 3.5)	
16 / 0.8 x 4.0 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	Qty.	Order No.
WQV 6/2	57 A 50	1052360000
WQV 6/10	57 A 20	1052260000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
WTA 5/1	6 A 25	1051260000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000
WS 8/8 MM WS	500	2007170000
DEK 5/8 MM WS	500	2007130000
HBT 1,5 - 4,6 RT	100	1233340000
HBT 2,5 - 4,6 BL	100	1233330000
HBT 6,0 - 4,6 GE	100	1216230000

Cross-connections, see section "W series accessories".

WDU 6 SL/EN

6 mm<sup>2</sup>



7.9 x 60 x 51.1  
57 / 6  
0.5...6



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
630	150	300	440
41	50	45	40
6	AWG 20...8	AWG 20...8	6 mm <sup>2</sup>

6 kV / 2  
A5 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
0.5...6 6	
0.5...6	
/(M 3.5)	
16 / 0.8 x 4.0 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/EN	50	9537470000

With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

Type	Qty.	Order No.
WQV 6/2	57 A 50	1052360000
WQV 6/10	57 A 20	1052260000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
WTA 5/1	6 A 25	1051260000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000
WS 8/8 MM WS	500	2007170000
DEK 5/8 MM WS	500	2007130000
HBT 1,5 - 4,6 RT	100	1233340000
HBT 2,5 - 4,6 BL	100	1233330000
HBT 6,0 - 4,6 GE	100	1216230000

Cross-connections, see section "W series accessories".



**Screw connection with clamping yoke technology (W-Series)**  
**Feed-through terminal blocks**

Universal range

A

**WDU 10**

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

**WDU 10 IR**

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



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

9.9 x 60 x 46.5
<b>76 / 16</b>
<b>1.31...16</b>

9.9 x 60 x 46.5
<b>76 / 16</b>
<b>1.31...16</b>

**Technical data**

<b>Rated data</b>	
Rated voltage	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	-
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 60947-1	UL	CSA	EN 60079-7
1000	600	600	690
57	65	65	57
10	AWG 18...6	AWG 18...6	10 mm <sup>2</sup>
8 kV / 3			
B6 / V-0			
CE, ENEC, KEMA, TUV, N, VDE, DEMKO14ATEX1338U			
<b>Rated connection</b>	<b>Further connection</b>		
1.5...16 / 1.5...16			
1.5...16 / 1.5...16			
/ (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! Tighten AWG 6/7 and H07V-R16 to 2.4 Nm.			

IEC 60947-1	UL	CSA	EN 60079-7
1000	600	600	690
57	65	65	57
10	AWG 18...6	AWG 18...6	10 mm <sup>2</sup>
8 kV / 3			
B6 / V-0			
CE, ENEC, KEMA, TUV, N, VDE, DEMKO14ATEX1338U			
<b>Rated connection</b>	<b>Further connection</b>		
1.5...16 / 1.5...16			
1.5...16 / 1.5...16			
/ (M 4)			
12 / TX 15			

**Ordering data**

<b>Version</b>	
	dark beige
	Blue
	black (combi clip-on foot TS 32/25)
<b>Note</b>	

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WDU 10	50	1020300000
WDU 10 BL	50	1020380000
1000 VDC rated voltage tested. For alternative colours, see section on W-series accessories - specific functions.		

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WDU 10 IR	50	1393380000

**Accessories**

<b>Screwable cross-connection</b>	
	2-pole
	10-pole
<b>End plate / Partition plate</b>	
	dark beige
	Blue
	dark beige
	Blue
<b>End bracket</b>	dark beige
<b>Testing / Checking</b>	
	Standard
<b>Cover</b>	
	Blank, yellow
	Blank, white
<b>Marking tags</b>	
<b>Hak. Cable lugs</b>	

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WTA 3 WDU4	6 A 25	1632350000
WAD 8 MC NE GE	48	1112950000
WAD 8 MC NE WS	48	1112940000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WTA 5/1	6 A 25	1051260000
WAD 8 MC NE GE	48	1112950000
WAD 8 MC NE WS	48	1112940000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

For detailed information on other accessories and application in the online catalogue

Cross-connections, socket and test plug, see section "W series accessories". Only 400 V with the use of shield bus LS 2.8 1056400000.

**WDU 10/ZR**

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

Additional connection on right 4 mm<sup>2</sup>



9.9 x 70 x 49  
**76 / 16**  
**1.31...16**



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
57	65	65	
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
1.5...16 / 1.5...16		0.5...4 / 0.5...4
/ (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! Tighten AWG 6/7 and H07V-R16 to 2.4 Nm. Upper right ZR connection A 4.		

Type	Qty.	Order No.
WDU 10/ZR	50	<b>1042400000</b>
WDU 10/ZR BL	50	<b>1042480000</b>
The measurement data relates to the 10 mm <sup>2</sup> connection.		

Type	Qty.	Order No.
WQV 10/2	76 A 50	<b>1052560000</b>
WQV 10/10	63 A 20	<b>1052460000</b>
WEW 35/2	50	<b>1061200000</b>
WTA 5/1	6 A 25	<b>1051260000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 12/6.5 MC NE WS	540	<b>1609920000</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>

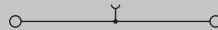
Cross-connections, socket and test plug, see section "W series accessories".

**WDU 10 SL**

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



9.9 x 60 x 46.25  
**76 / 10**  
**1.31...10**



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
630	150	300	352
57	50	65	55
10	AWG 16...8	AWG 16...6	10 mm <sup>2</sup>
6 kV / 2			
A5 / V-0			

Rated connection		Further connection
1.5...10 / 1.5...10		1...6
/ (M 4)		
17 / 1.0 x 5.5 mm		
1.5...4		
2.5...4 / 1...4		
ES1 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>
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).		

Type	Qty.	Order No.
WQV 10/2	76 A 50	<b>1052560000</b>
WQV 10/10	63 A 20	<b>1052460000</b>
WAP 2.5-10	50	<b>1050000000</b>
WAP 2.5-10 BL	50	<b>1050080000</b>
WAP 16+35 WTW 2.5-10	20	<b>1050100000</b>
WEW 35/2	50	<b>1061200000</b>
WTA 5/1	6 A 25	<b>1051260000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 12/6.5 MC NE WS	540	<b>1609920000</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>

Cross-connections, see section "W series accessories".

**WDU 10 SL/EN**

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



9.9 x 56.6 x 51.1  
**76 / 16**  
**1.31...16**



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
630	600	300	550
57	50	65	55
10	AWG 16...8	AWG 16...6	10 mm <sup>2</sup>
6 kV / 2			
A6 / V-0			

Rated connection		Further connection
1.5...16 / 1.5...16		1...6
/ (M 4)		
17 / 1.0 x 5.5 mm		
1.5...4		
2.5...4 / 1...4		
ES1 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>
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).		

Type	Qty.	Order No.
WQV 10/2	76 A 50	<b>1052560000</b>
WQV 10/10	63 A 20	<b>1052460000</b>
WAP 2.5-10	50	<b>1050000000</b>
WAP 2.5-10 BL	50	<b>1050080000</b>
WAP 16+35 WTW 2.5-10	20	<b>1050100000</b>
WEW 35/2	50	<b>1061200000</b>
WTA 5/1	6 A 25	<b>1051260000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 12/6.5 MC NE WS	540	<b>1609920000</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>

Cross-connections, see section "W series accessories".



**Screw connection with clamping yoke technology (W-Series)  
Feed-through terminal blocks**

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.

**WDU 16**

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

With peg for higher connection stability



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

11.9 x 60 x 62.5
<b>101 / 25</b>
<b>0.82...25</b>

**Technical data**

<b>Rated data</b>	
Rated voltage	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	-
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 60947-7-1

Ex eb II  
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
76	85	85	76
16	AWG 18...4	AWG 18...6	16 mm <sup>2</sup>

8 kV / 3  
B7 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
1.5...16 / 1.5...25	
1.5...25 / 1.5...16	
/ (M 5)	
16 / 1.0 x 5.5 mm	
1.5...4 / 1.5...6	
1.5...6 / 1.5...6	

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

**Ordering data**

<b>Version</b>	
	without peg / dark beige
	with peg / blue
	with peg / dark beige
<b>Note</b>	

Type	Qty.	Order No.
WDU 16	50	1020400000
WDU 16 BL	50	1020480000
WDU 16/ZA	50	1028900000

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

**Accessories**

<b>Screwable cross-connection</b>	
	2-pole
	10-pole
<b>End plate / Partition plate</b>	
	dark beige
	Blue
<b>End bracket</b>	
	dark beige
<b>Cover</b>	
	With lightning flash symbol
	Blank, white
<b>Marking tags</b>	

Type	Qty.	Order No.	
WQV 16/2	101 A	50	1053260000
WQV 16/10	101 A	10	1053360000
WAP 16+35 WTW 2.5-10	20	1050100000	
WAP 16+35 WTW 2.5-10 BL	20	1050180000	
WEW 35/1	50	1059000000	
WAD 12 M.BL	50	1055960000	
WAD 12 NEUTRAL	50	1056260000	
DEK 5/5 MC NE WS	1000	1609801044	
WS 12/6.5 MC NE WS	540	1609920000	

For detailed information on other accessories and application in the online catalogue

Socket and test plug, see section "W-series accessories"

WDU 16 IR

16 mm<sup>2</sup>

WDU 16N

16 mm<sup>2</sup>

Suitable for power distribution  
Compact design



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

11.9 x 60 x 62.5
<b>101 / 25</b>
<b>0.82...25</b>

12 x 60 x 46.5
<b>101 / 25</b>
<b>1.5...25</b>

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
<b>2 conductors with same cross-section (H05V/H07V)</b>	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm <sup>2</sup>
<b>Note</b>	

IEC 60947-7-1

Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
76	85	85	76
16	AWG 18...4	AWG 18...6	16 mm <sup>2</sup>
8 kV / 3			
B7 / V-0			
CE    DEMKO14ATEX1338U			
Rated connection		Further connection	
1.5...16 / 1.5...25			
1.5...25 / 1.5...16			
/ (M 5)			
16 / TX 15			
/ 1.5..6			
1.5..6 / 1.5..6			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
690	600	300	
76	70	70	
16	AWG 14...6	AWG 14...6	
8 kV / 3			
B7 / V-0			
CE			
Rated connection		Further connection	
1.5...16 / 1.5...25			
1.5...16 / 1.5...16			
/ (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.			

Ordering data

Version	
	dark beige
	Blue
<b>Note</b>	

Type	Qty.	Order No.
WDU 16 IR	50	1393390000

Type	Qty.	Order No.
WDU 16N	50	1036100000
WDU 16N BL	50	1036180000
1000 VDC rated voltage tested.		

Accessories

Screwable cross-connection	
	2-pole
	10-pole
	4-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Cover	
	Blank, white
	With lightning flash symbol
Marking tags	
Testing / Checking	
	Standard

Type	Qty.	Order No.
WQV 16/2	101 A 50	1053260000
WQV 16/10	101 A 10	1053360000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/1	50	1059000000
WAD 12 NEUTRAL	50	1056260000
WAD 12 M.BL	50	1055960000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

Type	Qty.	Order No.
WQV 16N/2	76 A 50	1636560000
WQV 16N/4	76 A 50	1636580000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 12N WS	50	1073290000
WAD 12N GE BED	50	1073200000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/12 MC NE WS	300	1905970000
WTA 2 WDU2.5-10	6 A 25	1632320000

For detailed information on other accessories and application in the online catalogue

Cross-connections, socket and test plug, see section "W series accessories".



## Screw connection with clamping yoke technology (W-Series)

### Feed-through terminal blocks

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.

Universal range

A

Width/Height/Depth	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
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	-
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	
	without peg / dark beige
	with peg / blue
	with peg / dark beige
<b>Note</b>	

#### Accessories

Screwable cross-connection	
	2-pole
	10-pole
	4-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Cover	
	With lightning flash symbol
	Blank, white
Marking tags	

For detailed information on other accessories and application in the online catalogue

### WDU 35

35 mm<sup>2</sup>

Clamping screw / spigot for good connection stability



16 x 60 x 62.5
<b>150 / 50</b>
<b>2.5...50</b>

IEC 60947-1				Ex eb II	C Gb	II 2 G D
IEC 60947-1				Ex eb II		
IEC	UL	CSA	EN 60079-7			
1000	1000	600	690			
125	150	150	115			
35	AWG 12...0	AWG 12...NaN	35 mm <sup>2</sup>			
8 kV / 3						
B8 / V-0						
DEMKO14ATEX1338U						
Rated connection		Further connection				
2.5...16 / 2.5...50						
2.5...35 / 2.5...35						
/ (M 6)						
18 / 6.5 x 1.2 mm						
2.5...10 / 16...16						
2.5...16 / 2.5...16						

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

Type	Qty.	Order No.
WQV 35/2	138 A 50	1053060000
WQV 35/10	112 A 10	1053160000
WAP 16+35 WTW 2.5-10		
	20	1050100000
WAP 16+35 WTW 2.5-10 BL		
	20	1050180000
WEW 35/1		
	50	1059000000
WAD 12 M.BL		
	50	1055960000
WAD 12 NEUTRAL		
	50	1056260000
DEK 5/5 MC NE WS		
	1000	1609801044
WS 12/6.5 MC NE WS		
	540	1609920000

Cross-connections, socket and test plug, see section "W series accessories".

### WDU 35 IR

35 mm<sup>2</sup>



16 x 60 x 62.5
<b>150 / 50</b>
<b>2.5...50</b>

IEC 60947-1				Ex eb II	C Gb	II 2 G D
IEC 60947-1				Ex eb II		
IEC	UL	CSA	EN 60079-7			
1000	1000	600	690			
125	150	150	115			
35	AWG 12...0		35 mm <sup>2</sup>			
8 kV / 3						
B8 / V-0						
DEMKO14ATEX1338U						
Rated connection		Further connection				
2.5...16 / 2.5...50						
2.5...35 / 2.5...35						
/ (M 6)						
18 / TX 20						

Type	Qty.	Order No.
WDU 35 IR	40	1393400000

Type	Qty.	Order No.
WQV 35/2	138 A 50	1053060000
WQV 35/10	112 A 10	1053160000
WAP 16+35 WTW 2.5-10		
	20	1050100000
WAP 16+35 WTW 2.5-10 BL		
	20	1050180000
WEW 35/1		
	50	1059000000
WAD 12 M.BL		
	50	1055960000
WAD 12 NEUTRAL		
	50	1056260000
DEK 5/5 MC NE WS		
	1000	1609801044
WS 12/5 MC NE WS		
	720	1609860000

Cross-connections, socket and test plug, see section "W series accessories".

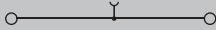
**WDU 35 IK**

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

Hexagonal socket / spigot for good connection stability



16 x 60 x 62.5  
**150 / 50**  
**2.5...50**



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
125	150	150	115
35	AWG 12...NaN	AWG 12...NaN	35 mm <sup>2</sup>

8 kV / 3  
B8 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
/ (M 6)	
18 / S4 (DIN 6911)	

2.5...10 / 16...16  
2.5...16 / 2.5...16

Type	Qty.	Order No.
WDU 35/IK	25	1020600000
WDU 35/IK BL	25	1020680000
WDU 35/IK/ZA	25	1029000000

Order No. 1020600000 and 1020680000 (blue) versions without pegs (25 pcs.).

Type	Qty.	Order No.
WQV 35/2	138 A 50	1053060000
WQV 35/10	112 A 10	1053160000

WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000

WEW 35/1	50	1059000000
----------	----	------------

WAD 12 M.BL	50	1055960000
WAD 12 NEUTRAL	50	1056260000

DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

Cross-connections, socket and test plug, see section "W series accessories".

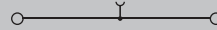
**WDU 35N**

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

Suitable for power distribution  
Compact design



16 x 66 x 50.5  
**150 / 50**  
**2.5...50**



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
500	1000	600	352
125	150	150	110
35	AWG 12...0	AWG 12...2	35 mm <sup>2</sup>

6 kV / 3  
B8 / V-0

DEMKO14ATEX1338U

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

2.5...6  
2.5...6 / 2.5...6

1000 V DC rated voltage tested.

Type	Qty.	Order No.
WDU 35N	20	1040400000
WDU 35N BL	20	1040480000

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

Type	Qty.	Order No.
WQV 35N/2	125 A 20	1079200000
WQV 35N/4	125 A 20	1079400000

WTW EN	20	1058800000
--------	----	------------

WEW 35/2	50	1061200000
----------	----	------------

WAD 16N GE BED	50	1083600000
----------------	----	------------

DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

Cross-connections, see section "W series accessories".



**Screw connection with clamping yoke technology (W-Series)**  
**Feed-through terminal blocks**

Universal range

A

**WDU 50N**

50 mm<sup>2</sup>

Compact design



**WDU 50N IR**

50 mm<sup>2</sup>

Six-lobe socket



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

18.5 x 70 x 69.6	
<b>192 / 70</b>	
<b>10...70</b>	

18.5 x 70 x 69.6	
<b>192 / 70</b>	
<b>10...70</b>	

**Technical data**

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm <sup>2</sup>
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000	600	600	690
150	150	150	126
50	AWG 10...0	AWG 8...0	50 mm <sup>2</sup>
8 kV / 3			
B10 / V-0			
DEMKO14ATEX1338U			
Rated connection		Further connection	
10...16 / 10...70			
10...50			
/ (M 6)			
24 / S4 (DIN 6911)			
...16 / 6...16			
6...16 / 6...16			
1000 V DC rated voltage tested.			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000	600	600	690
150	150	150	126
50	AWG 10...0	AWG 8...0	50 mm <sup>2</sup>
8 kV / 3			
B10 / V-0			
DEMKO14ATEX1338U			
Rated connection		Further connection	
10...16 / 10...70			
10...50			
/ (M 6)			
24 / TX 20			
...16 / 6...16			
6...16 / 6...16			
1000 V DC rated voltage tested.			

**Ordering data**

Version	
	dark beige
	Blue
Note	

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

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

**Accessories**

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
End bracket	
	dark beige
Cover	
	With lightning flash symbol
Additional connection	
	10 mm <sup>2</sup>
Marking tags	
	Standard
Screwdriver	
	Standard

Type	Qty.	Order No.
WQV 50N/2	150 A 5	1834060000
WQV 50N/3	150 A 5	1834070000
WQV 50N/4	150 A 5	1834080000
WEW 35/1	50	1059000000
WAD 20 GE WSD	10	9512260000
WZAD 50N	41 A 5	1872720000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
SKS 2,0-8,0 MR	1	9008870000

Type	Qty.	Order No.
WQV 50N/2	150 A 5	1834060000
WQV 50N/3	150 A 5	1834070000
WQV 50N/4	150 A 5	1834080000
WEW 35/1	50	1059000000
WAD 20 GE WSD	10	9512260000
WZAD 50N	41 A 5	1872720000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
TH-S 9-40	1	9008880000

For detailed information on other accessories and application in the online catalogue

Auxiliary connection for additional conductor "WZAD 50N" 1872720000 (up to 10 mm<sup>2</sup>, 41 A). Cross-connections, see section "W series accessories".

Cross-connections, see section "W series accessories".



## Screw connection with clamping yoke technology (W-Series)

### Feed-through terminal blocks

WDU 240

240 mm<sup>2</sup>



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

36 x 100 x 123.7
<b>415 / 240</b>
<b>70...240</b>

#### Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm <sup>2</sup>
<b>Note</b>	

IEC 60947-7-1	Ex eb II C Gb		II 2 G D
IEC	UL	CSA	EN 60079-7
1000	600	600	1100
415	380	400	350
240		AWG 0...500	240 mm <sup>2</sup>
8 kV / 3			
B15 / V-0			
CE    KEMA01ATEX2186U			
Rated connection		Further connection	
/ 70...240			
70...240 / 70...185			
/ (M 10)			
40 / S8 (DIN 6911)			
/ 35...95			
50...95 / 35...50			
Copper straps can be used; see online catalogue for possible connections.			

#### Ordering data

Version	
	dark beige
	Blue
<b>Note</b>	

Type	Qty.	Order No.
WDU 240	2	<b>1802780000</b>
WDU 240 BL	2	<b>1822210000</b>
1000 VDC rated voltage tested.		

#### Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
End bracket	
	dark beige
Cover	
	With lightning flash symbol
	Blank, white
Additional connection	
	10 mm <sup>2</sup>
Marking tags	
Screwdriver	
	Standard

Type	Qty.	Order No.	
WQB 240/2	5	<b>1802790000</b>	
WQB 240/3	5	<b>1802800000</b>	
WEW 35/1	50	<b>1059000000</b>	
WZAD 240	57 A	5	<b>1802810000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>	
WS 12/6.5 MC NE WS	540	<b>1609920000</b>	
SKS 2,0-8,0 MR	1	<b>9008870000</b>	

For detailed information on other accessories and application in the online catalogue





## Leaf clamp

### Leaf clamp conductor connection for large cross-sections

It is no longer the case that conductors with large cross-sections have to be forced into the clamping point. Instead, they can now be easily laid in the modular terminal.

In addition to the individual form, every type of terminal can also be supplied in the form of 3-, 4- and 5-pole blocks. All the blocks are permanently screwed together and therefore guarantee additional rigidity. Direct mounting is possible thanks to the elongated holes on the underside of the terminals. Terminal blocks can be screwed directly to mounting plates with a 25 mm pitch.

The other advantages are:

- Constant force transfer through selfadjusting connection system
- Mounting in any direction
- Electric shock protection (finger-proof) to German standard VBG 4, also with cross-connections
- Extremely resistant to distortion



Open cover and remove screw assembly

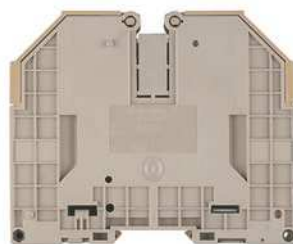


Close cover and tighten screw with Allen key

**WDU 70/95**

**95 mm<sup>2</sup>**

Conductor can be inserted from above / leaf spring



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

27 x 132 x 107	
<b>232 / 120</b>	
<b>13.3...120</b>	

**Technical data**

<b>Rated data</b>	
Rated voltage	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	-
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
	Blue
<b>Note</b>	

**Accessories**

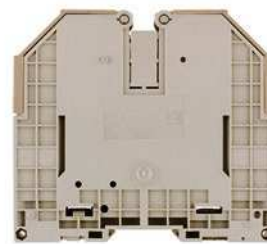
<b>Screwable cross-connection</b>	
	2-pole
	3-pole
<b>End bracket</b>	dark beige
<b>Cover</b>	With lightning flash symbol
	Blank, white
<b>Additional connection</b>	4mm <sup>2</sup>
<b>Ribbon cable clamp</b>	
<b>Marking tags</b>	
<b>Screwdriver</b>	Standard

For detailed information on other accessories and application in the online catalogue

**WDU 120/150**

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

Conductor can be inserted from above / leaf spring



32 x 132 x 117	
<b>309 / 150</b>	
<b>33.63...150</b>	

IEC 60947-1		Ex eb II C Gb  II 2 G D	
<b>IEC</b>	<b>UL</b>	<b>CSA</b>	<b>EN 60079-7</b>
1000	1000	600	1100
269	225	285	265
120	AWG 2...250	AWG 2...250	150 mm <sup>2</sup>
8 kV / 3			
B13 / V-0			
DEMKO14ATEX1338U			
<b>Rated connection</b>		<b>Further connection</b>	
/ 35...150			
35...150 / 35...50			
/ (M 10)			
35 / S6 (DIN 6911)			
...16 / 35...70			
35...70 / 35...70			
<b>Note</b>			

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WDU 120/150	10	1024500000
WDU 120/150 BL	10	1024580000
For direct mounting see section W-Series, Accessories.		

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WQV 120/2	269 A 5	1063300000
WQV 120/3	292 A 5	1063400000
WEW 35/1	50	1059000000
WAD 27 M. BL	10	1062860000
WAD 27 NEUTRAL	10	1062960000
WZAD120	10	1066100000
WFL 120/150	5	1616340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
SKS 2,0-8,0 MR	1	9008870000

Auxiliary connection for the additional conductor "WZAD 120", order no. 1066100000 (up to 4 mm<sup>2</sup>, 32 A). Cross-connections, see section "W series accessories".

Auxiliary connection for the additional conductor "WZAD 70", order No. 1066000000 (up to 4 mm<sup>2</sup>, 32 A). Cross-connections, see section "W series accessories".

**Screw connection with clamping yoke technology (W-Series)**  
**Feed-through terminal blocks**

Universal range

**A**

**WDK 1.5/R3.5**

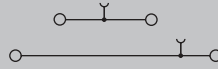
**1.5 mm<sup>2</sup>**

Double feed-through terminal



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

3.5 x 46.5 x 37.5
<b>16 / 15</b>
<b>0.13...1.5</b>



**Technical data**

<b>Rated data</b>	
Rated voltage	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	-
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 60947-1 Ex eb II C Gb **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
400	300	300	275
16	15	10	15
1.5	AWG 26...14	AWG 26...14	1.5 mm <sup>2</sup>
4 kV / 3			
A1 / V-0			
KEMA99ATEX6545U			
<b>Rated connection</b>		<b>Further connection</b>	
0.5...1.5 / 1.5...1.5			
0.5...1.5 / 0.5...0.5			
/ (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			

**Ordering data**

<b>Version</b>	dark beige
	Blue
	Orange
<b>Note</b>	

Type	Qty.	Order No.
WDK 1.5/R3.5	100	<b>1753290000</b>

**Accessories**

<b>Plug-in cross-connection</b>	
	2-pole
	10-pole
	2-pole
	10-pole
<b>Screwable cross-connection</b>	
	2-pole
	10-pole
<b>End plate / Partition plate</b>	
	dark beige
	Blue
	dark beige
<b>End bracket</b>	
	dark beige
<b>Cover</b>	
	With lightning flash symbol
	Blank, white
<b>Marking tags</b>	

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	<b>1985410000</b>
ZQV 1.5N/10	17.5 A 20	<b>1985580000</b>
WQV 2.5/2	32 A 50	<b>1053660000</b>
WQV 2.5/10	32 A 20	<b>1054460000</b>
WAP WDK1.5/R3.5	20	<b>1754200000</b>
EW 15	50	<b>0382860000</b>
DEK 5/3.5 MC NE WS	500	<b>1755270000</b>
WS 8/3.5 MM WS	1000	<b>2007140000</b>
DEK 5/3.5 MM WS	1000	<b>2007100000</b>

For detailed information on other accessories and application in the online catalogue

Cross-connections, see section "W series accessories".

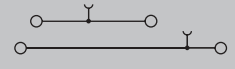
**WDK 2.5**

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

Screwable cross-connection



5.1 x 69.5 x
<b>32 / 4</b>
<b>0.05...4</b>



IEC 60947-1 Ex eb II C Gb **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
400	300	300	275
24	20	10	21
2.5	AWG 22...12	AWG 26...12	4 mm <sup>2</sup>
6 kV / 3			
A3 / V-0			
DEMKO15ATEX1346U			
<b>Rated connection</b>		<b>Further connection</b>	
0.5...4 / 1.5...4			
0.5...4 / 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			
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	<b>1021500000</b>
WDK 2.5 BL	100	<b>1021580000</b>

For colour versions, see section on W-series Accessories - specific functions.

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	<b>1053660000</b>
WQV 2.5/10	32 A 20	<b>1054460000</b>
WAP WDK2.5	20	<b>1059100000</b>
WAP WDK2.5 BL	20	<b>1059180000</b>
WTW EN	20	<b>1058800000</b>
WEW 35/2	50	<b>1061200000</b>
WAD 4 GE BED	50	<b>1072000000</b>
WAD 4 WS	50	<b>1072100000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 8/5 MC NE WS	720	<b>1640740000</b>
DEK 5/5 MM WS	800	<b>2007110000</b>

Cross-connections, socket and test plug, see section "W series accessories". Ensure 2.5 mm<sup>2</sup> max. when using the WDB.

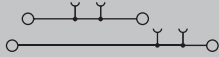
**WDK 2.5 ZQV**

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

Plug-in cross-connection



5.1 x 69 x 62.5  
32 / 4  
0.05...4



Ex eb II  
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	275
24	20	25	21
2.5	AWG 22...12	AWG 26...12	4 mm <sup>2</sup>

6 kV / 3  
A3 / V-0



DEMKO15ATEX1346U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 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	

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 the ZQV cross-connector.  
For colour versions, see section on W-series Accessories

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP WDK2.5	20	1059100000
WAP WDK2.5 BL	20	1059180000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

Cross-connections, socket and test plug, see section "W series accessories".  
Ensure 2.5 mm<sup>2</sup> max. when using the WOB.

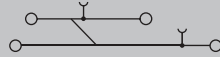
**WDK 2.5 V**

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

Both levels at one potential



5.1 x 69.5 x 62.5  
32 / 4  
0.05...4



Ex eb II  
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	300	275
24	20	10	24
2.5	AWG 30...12	AWG 26...12	4 mm <sup>2</sup>

6 kV / 3  
A3 / V-0



DEMKO15ATEX1346U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 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	

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	50	1022300000
WDK 2.5V BL	50	1022380000

For colour versions, see section on W-series Accessories - specific functions.

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WAP WDK2.5 BL	20	1059180000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

Cross-connections, socket and test plug, see section "W series accessories".  
Ensure 2.5 mm<sup>2</sup> max. when using the WOB.

**WDK 2.5 V ZQV**

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



5.1 x 69.5 x 62.5  
32 / 4  
0.05...4



Ex eb II  
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	600	275
24	20	25	21
2.5	AWG 30...12	AWG 30...12	4 mm <sup>2</sup>

/ 3  
A3 / V-0



DEMKO15ATEX1346U

Rated connection	Further connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...2.5	
/(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.
WDK 2.5V ZQV	50	2739600000
WDK 2.5V ZQV BL	50	2739610000
WDK 2.5V ZQV OR	50	2732600000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP WDK2.5	20	1059100000
WAP WDK2.5 BL	20	1059180000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

Cross-connections, socket and test plug, see section "W series accessories".  
Ensure 2.5 mm<sup>2</sup> max. when using the WOB.



**Screw connection with clamping yoke technology (W-Series)**  
**Feed-through terminal blocks**

Universal range

**A**

**WDK 2.5 DU-PE**

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

Lower level earthed on terminal rail



**WDK 2.5N**

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

Plug-in cross-connection  
 Compact design



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

5.1 x 69.5 x 62.5	
<b>32 / 4</b>	
<b>0.05...4</b>	

5.1 x 61 x 62	
<b>28 / 4</b>	
<b>0.05...4</b>	

**Technical data**

<b>Rated data</b>	
Rated voltage	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	-
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 60947-7-1 (-7-2) Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
400	300	300	275
24	20	20	23
2.5	AWG 22...12	AWG 22...12	4 mm <sup>2</sup>
6 kV / 3			
A3 / V-0			

DEMKO15ATEX1346U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 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	

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).

IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	20	21
2.5	AWG 26...12	AWG 26...12	4 mm <sup>2</sup>
8 kV / 3			
A3 / V-0			

DEMKO15ATEX1346U

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

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

Rated voltage is reduced to 400 V when using the ZQV 2.5N cross-connector.

**Ordering data**

<b>Version</b>	
	dark beige
	Blue
<b>Note</b>	

Type	Qty.	Order No.
WDK 2.5DU-PE	50	1036400000

Type	Qty.	Order No.
WDK 2.5N	50	1041600000
WDK 2.5N BL	50	1041680000

**Accessories**

<b>Screwable cross-connection</b>	
	2-pole
	10-pole
<b>End plate / Partition plate</b>	
	dark beige
	Blue
	dark beige
<b>End bracket</b>	
	dark beige
<b>Cover</b>	
	With lightning flash symbol
	Blank, white
<b>Marking tags</b>	
<b>Plug-in cross-connection</b>	
	2-pole
	10-pole

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WAP WDK2.5 BL	20	1059180000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

Type	Qty.	Order No.
WAP WDK2.5/4 N	20	1084000000
WAP WDK2.5/4 N BL	20	1084080000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

For detailed information on other accessories and application in the online catalogue

Cross-connections, socket and test plug, see section "W series accessories". Ensure 2.5 mm<sup>2</sup> max. when using the WDB.

Cross-connections, see section "W series accessories".

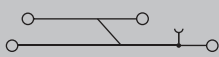
**WDK 2.5N V**

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

Both levels at one potential  
Compact design



5.1 x 61 x 62  
**28 / 4**  
**0.05...4**



IEC 60947-7-1 Ex eb II C Gb **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
800		300	550
24		20	24
2.5		AWG 26...12	4 mm <sup>2</sup>

8 kV / 3

A3 / V-0

CE ENEC **DEMKO15ATEX1346U**

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

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

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

Type	Qty.	Order No.
WDK 2.5N V	50	<b>1041610000</b>

Type	Qty.	Order No.
WAP WDK2.5/4 N	20	<b>1084000000</b>
WAP WDK2.5/4 N BL	20	<b>1084080000</b>
WTW EN	20	<b>1058800000</b>
WEW 35/2	50	<b>1061200000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 8/5 MC NE WS	720	<b>1640740000</b>
DEK 5/5 MM WS	800	<b>2007110000</b>
ZQV 2.5N/2	24 A 60	<b>1527540000</b>
ZQV 2.5N/10	24 A 20	<b>1527690000</b>

Cross-connections, see section "W series accessories".

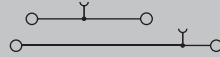
**WDK 2.5 / 800 V**

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

Rated voltage 800 V



6.1 x 69 x 62.5  
**32 / 4**  
**0.05...4**



IEC 60947-7-1 Ex eb II C Gb **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
800		300	550
24			22
2.5		AWG 26...12	4 mm <sup>2</sup>

8 kV / 3

A3 / V-0

CE ENEC **DEMKO15ATEX1346U**

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 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/EX	100	<b>1029100000</b>

Type	Qty.	Order No.
Q 2 AKZ4SS	32 A 50	<b>0369000000</b>
Q 10 AKZ4SS	32 A 20	<b>0369300000</b>
WAP WDK2.5	20	<b>1059100000</b>
WAP WDK2.5 BL	20	<b>1059180000</b>
WAP 16*35 WTW 2.5-10	20	<b>1050100000</b>
WEW 35/2	50	<b>1061200000</b>
WAD 4 GE BED	50	<b>1072000000</b>
WAD 4 WS	50	<b>1072100000</b>
DEK 5/6 MC NE WS	1000	<b>1609820000</b>
WS 8/5 MC NE WS	720	<b>1640740000</b>
DEK 5/5 MM WS	800	<b>2007110000</b>

Cross-connections, test and socket plug, see section "W series accessories". Ensure 2.5 mm<sup>2</sup> max. when using the WDB.

**WDK 2.5N DU-PE**

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

Lower level earthed on terminal rail  
Compact design



5.1 x 61 x 62  
**28 / 4**  
**0.05...4**



IEC 60947-7-1 (-7-2) Ex eb II C Gb **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
800		300	550
24		20	24
2.5		AWG 26...12	4 mm <sup>2</sup>

8 kV / 3

A3 / V-0

CE ENEC **DEMKO15ATEX1346U**

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

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

Rated voltage is reduced to 400 V when using the ZQV cross-connector. 2 conductors via the PE connection are not permissible!

Type	Qty.	Order No.
WDK 2.5N DU-PE	50	<b>1041650000</b>

Type	Qty.	Order No.
WAP WDK2.5/4 N	20	<b>1084000000</b>
WAP WDK2.5/4 N BL	20	<b>1084080000</b>
WTW EN	20	<b>1058800000</b>
WEW 35/2	50	<b>1061200000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 8/5 MC NE WS	720	<b>1640740000</b>
DEK 5/5 MM WS	800	<b>2007110000</b>
ZQV 2.5N/2	24 A 60	<b>1527540000</b>
ZQV 2.5N/10	24 A 20	<b>1527690000</b>

Cross-connections, see section "W series accessories".



## Screw connection with clamping yoke technology (W-Series)

### Feed-through terminal blocks

**WDK 4N**

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

**Solid/stranded**

**Flexible / flexible with wire-end ferrule**



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

6.1 x 60 x 63.25	
<b>35 / 6</b>	
<b>0.13...6</b>	

#### Technical data

<b>Rated data</b>	
Rated voltage	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	-
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 60947-7-1

Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	300	550
32	35	30	30
4	AWG 26...10	AWG 26...10	6 mm <sup>2</sup>
8 kV / 3			
A4 / V-0			

DEMKO15ATEX1346U

Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
/ (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.

#### Ordering data

<b>Version</b>	
	dark beige
	Blue
<b>Note</b>	

Type	Qty.	Order No.
WDK 4N	50	1041900000
WDK 4N BL	50	1041980000

#### Accessories

<b>Plug-in cross-connection</b>	
	2-pole
	10-pole
<b>End plate / Partition plate</b>	
	dark beige
	Blue
	dark beige
<b>End bracket</b>	
	dark beige
<b>Marking tags</b>	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP WDK2.5/4 N	20	1084000000
WAP WDK2.5/4 N BL	20	1084080000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
DEK 5/6 MC NE WS	1000	1609820000
WS 8/6 PLUS MC NE WS	600	1951880000
DEK 5/6 MM WS	600	2007120000

For detailed information on other accessories and application in the online catalogue

Cross-connections, see section "W series accessories".

**WDK 4N V**

4 mm<sup>2</sup>

Both levels at one potential  
Compact design

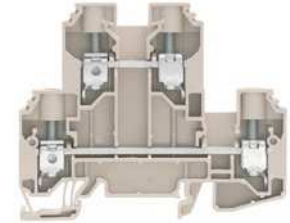


Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

6.1 x 60.7 x 63.25	
<b>35 / 6</b>	
<b>0.13...6</b>	

**WDK 10**

10 mm<sup>2</sup>



9.9 x 85 x 69	
<b>70 / 16</b>	
<b>1.5...16</b>	

**Technical data**

<b>Rated data</b>	
Rated voltage	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	-
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 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	300	550
32	35	30	30
4	AWG 26...10	AWG 26...10	6 mm <sup>2</sup>
8 kV / 3			
A4 / V-0			

Ex eb II C Gb II 2 G D

Rated connection		Further connection	
0.5...6 / 1.5...6			
0.5...4 / 0.5...4			
/ (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.

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
57	64	64	
10	AWG 18...6	AWG 18...6	
8 kV / 3			
B6 / V-0			

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

**Ordering data**

<b>Version</b>	
	dark beige
	Blue
	dark beige / blue
<b>Note</b>	

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WDK 4N V	50	1041910000

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WDK 10	50	1186740000
WDK 10 BL	50	1186750000

**Accessories**

<b>Plug-in cross-connection</b>	
	2-pole
	10-pole
<b>End plate / Partition plate</b>	
	dark beige
	Blue
	dark beige
<b>End bracket</b>	
	dark beige
<b>Marking tags</b>	
<b>Screwable cross-connection</b>	
	2-pole
	10-pole
<b>Cover</b>	
	Blank, white
	Blank, yellow
<b>Screwdriver</b>	
	Standard

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP WDK2.5/4 N	20	1084000000
WAP WDK2.5/4 N BL	20	1084080000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
DEK 5/6 MC NE WS	1000	1609820000
WS 8/6 PLUS MC NE WS	600	1951880000
DEK 5/5 MM WS	800	2007110000

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WAP WDK10	20	1186720000
WAP WDK10 BL	20	1186730000
WEW 35/2	50	1061200000
DEK 5/5 MC NE WS	1000	1609801044
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000
SDS 1.0x5.5x150	1	2749380000

For detailed information on other accessories and application in the online catalogue

Cross-connections, see section "W series accessories".

Cross-connections, see section "W series accessories".

**Screw connection with clamping yoke technology (W-Series)**  
**Feed-through terminal blocks**

Universal range

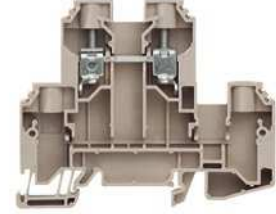
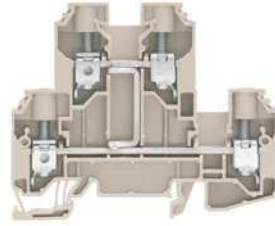
A

**WDK 10 V**

10 mm<sup>2</sup>

**WDK 10 L**

10 mm<sup>2</sup>



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

9.9 x 85 x 69	
<b>73 / 16</b>	
<b>1.5...16</b>	

9.9 x 85 x 69	
<b>70 / 16</b>	
<b>1.5...16</b>	

**Technical data**

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	-
<b>Note</b>	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
57	49	49	
10	AWG 18...6	AWG 18...6	
8 kV / 3			
B6 / V-0			
CE			
Rated connection		Further connection	
1.5...16 / 1.5...16			
1.5...16 / 1.5...16			
/ (M 4)			
12 / 1.0 x 5.5 mm			
<b>Note</b>			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800		1000	
57		70	
10	AWG 18...6	AWG 18...6	
8 kV / 3			
B6 / V-0			
UL			
Rated connection		Further connection	
1.5...16 / 1.5...16			
1.5...16 / 1.5...16			
/ (M 4)			
12 / 1.0 x 5.5 mm			
<b>Note</b>			

**Ordering data**

Version	
	dark beige
	Blue
	dark beige / blue
<b>Note</b>	

Type	Qty.	Order No.
WDK 10 V	50	1186770000
WDK 10 V BL	50	1186780000
<b>Note</b>		

Type	Qty.	Order No.
WDK 10 L	50	1415510000
<b>Note</b>		

**Accessories**

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
	dark beige
End bracket	
	dark beige
Marking tags	
	dark beige
Screwable cross-connection	
	2-pole
	10-pole
Cover	
	Blank, white
	Blank, yellow
Screwdriver	
	Standard

Type	Qty.	Order No.
WAP WDK10	20	1186720000
WAP WDK10 BL	20	1186730000
WEW 35/2	50	1061200000
DEK 5/5 MC NE WS	1000	1609801044
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000
SDS 1.0X5.5X150	1	2749380000
<b>Note</b>		

Type	Qty.	Order No.
WAP WDK10	20	1186720000
WAP WDK10 BL	20	1186730000
WEW 35/2	50	1061200000
DEK 5/5 MC NE WS	1000	1609801044
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000
SDS 1.0X5.5X150	1	2749380000
<b>Note</b>		

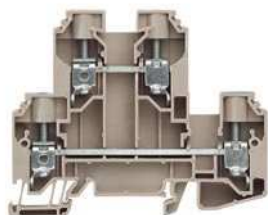
For detailed information on other accessories and application in the online catalogue

Cross-connections, see section "W series accessories".

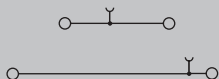
Cross-connections, see section "W series accessories".

WDK 10 DU-N

10 mm<sup>2</sup>



9.9 x 85 x 69  
70 / 16  
1.5...16



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
57	64	64	
10	AWG 18...6	AWG 18...6	
8 kV / 3			
B6 / V-0			



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

Type	Qty.	Order No.
WDK 10 DU-N	50	1415520000

Type	Qty.	Order No.
WAP WDK10	20	1186720000
WAP WDK10 BL	20	1186730000
WEW 35/2	50	1061200000
DEK 5/5 MC NE WS	1000	1609801044
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000
SDS 1.0X5.5X150	1	2749380000

Cross-connections, see section "W series accessories".



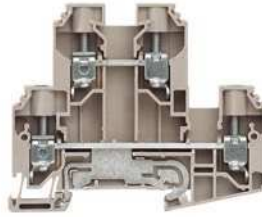
**Screw connection with clamping yoke technology (W-Series)**  
**Feed-through terminal blocks**

Universal range

A

**WDK 10 DU-PE**

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



**WDK 10 SET BCD**

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



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

9.9 x 85 x 69	
<b>70 / 16</b>	
<b>1.5...16</b>	

29.7 x 85 x 69	
<b>70 / 16</b>	
<b>1.5...16</b>	

**Technical data**

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	-
<b>Note</b>	

IEC 60947-7-1 (-7-2)			
IEC	UL	CSA	EN 60079-7
800	600	600	
57	40	40	
10	AWG 18...6	AWG 18...6	
8 kV / 3			
B6 / V-0			
Rated connection		Further connection	
1.5...16 / 1.5...16			
1.5...16 / 1.5...16			
/ (M 4)			
12 / 1.0 x 5.5 mm			
<b>Note</b>			

IEC 60947-7-1 (-7-2)			
IEC	UL	CSA	EN 60079-7
800	600	600	
57	64	64	
10	AWG 18...6	AWG 18...6	
8 kV / 3			
B6 / V-0			
Rated connection		Further connection	
1.5...16 / 1.5...16			
1.5...16 / 1.5...16			
/ (M 4)			
12 / 1.0 x 5.5 mm			
<b>Note</b>			

**Ordering data**

Version	
	dark beige
	with PE foot
	dark beige / green / yellow
<b>Note</b>	

Type	Qty.	Order No.
WDK 10 DU-PE	50	1415480000
<b>Note</b>		

Type	Qty.	Order No.
WDK 10 SET BCD	1	1415540000
<b>Note</b>		

**Accessories**

Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Screwdriver	
	Standard
Cover	
	Blank, white
	Blank, yellow
Marking tags	
Cross-connector	
	black
	blue
	red

Type	Qty.	Order No.
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAP WDK10	20	1186720000
WAP WDK10 BL	20	1186730000
WEW 35/2	50	1061200000
SDS 1.0X5.5X150	1	2749380000
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000
DEK 5/5 MC NE WS	1000	1609801044
<b>Note</b>		

Type	Qty.	Order No.
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAP WDK10	20	1186720000
WAP WDK10 BL	20	1186730000
WEW 35/2	50	1061200000
SDS 1.0X5.5X150	1	2749380000
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000
DEK 5/5 MC NE WS	1000	1609801044
<b>Note</b>		

For detailed information on other accessories and application in the online catalogue

Cross-connections, see section "W series accessories".

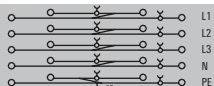
Cross-connections, see section "W series accessories".

**WDK 10 SET LS**

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



49.5 x 85 x 69  
**70 / 16**  
**1.5...16**



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

IEC	UL	CSA	EN 60079-7
800	600	600	
57	64	64	
10	AWG 18...6	AWG 18...6	
8 kV / 3			
B6 / V-0			



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

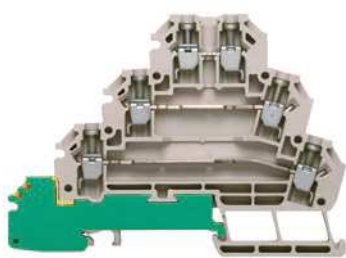
Type	Qty.	Order No.
WDK 10 SET LS	1	1415530000

Type	Qty.	Order No.
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAP WDK10	20	1186720000
WAP WDK10 BL	20	1186730000
WEW 35/2	50	1061200000
SDS 1.0x5.5x150	1	2749380000
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000
DEK 5/5 MC NE WS	1000	1609801044

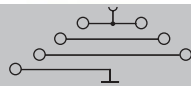
Cross-connections, see section "W series accessories".

**MAK 2.5**

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



6.2 x 88 x 63  
**31 / 4**  
**0.13...4**



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

IEC	UL	CSA	EN 60079-7
500	300	300	
24	10	10	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A3 / V-0			



Rated connection	Further connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...2.5	
/(M 2.5)	
8 / 0.6 x 3.5 mm	

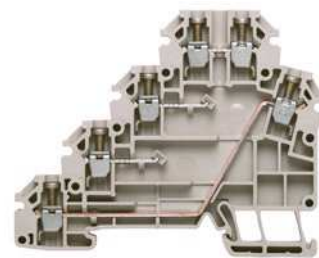
0.5...1 / 0.5...1  
0.5...1 / 0.5...0.75

Type	Qty.	Order No.
MAK 2.5 DB	50	7917030000

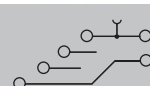
Type	Qty.	Order No.
AP MAK2.5 DB	20	7917000000
WEW 35/1	50	1059000000
SDIS 0.6x3.5x100	1	2749810000
DEK 5/5 MC NE WS	1000	1609801044
VQB 1.5/50 SW	5	1635120000
VQB 1.5/50 BL	5	1633280000
VQB 1.5/50 RT	5	1633290000

**VLI 1.5**

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



6.15 x 79.5 x 63  
**24 / 4**  
**0.13...4**



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300		
17.5	10		
1.5	AWG 26...12		
4 kV / 3			
A3 / V-0			



Rated connection	Further connection
0.5...4 / 0.5...2.5	
0.5...4 / 0.5...2.5	
/(M 2.5)	
8 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
VLI 1.5 DB	50	1784120000
VLI 1.5/PE DB	50	1784130000

Type	Qty.	Order No.
AP VLI1.5 DB	20	1784150000
WEW 35/1	50	1059000000
SDIS 0.6x3.5x100	1	2749810000
DEK 5/5 MC NE WS	1000	1609801044
VQB 1.5/50 SW	5	1635120000
VQB 1.5/50 BL	5	1633280000
VQB 1.5/50 RT	5	1633290000



Screw connection with clamping yoke technology (W-Series)

PE terminal blocks

Universal range

A

WPE 1.5/R3.5

1.5 mm<sup>2</sup>

Protective earth terminal for TS 15



WPE 1.5/ZZ

1.5 mm<sup>2</sup>

Twin connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

3.5 x 24.5 x 24	
/ 1.5	
0.13...1.5	

5.1 x 60 x 46.5	
/ 2.5	
0.13...2.5	

Technical data

Rated data	
for wire 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 / UL 94 flammability rating	
Approvals	

IEC 60947-7-2	Ex eb II		II 2 G D
	C Gb		
IEC	UL	CSA	EN 60079-7
1.5	AWG 26...18	AWG 26...18	2.5 mm <sup>2</sup>
400			
6			
180 A (1.5 mm <sup>2</sup> )			
3			
A1 / V-0			

IEC 60947-7-2	Ex eb II		II 2 G D
	C Gb		
IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...14	2.5 mm <sup>2</sup>
800			
8			
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 (clamping screw for copper conductors)	
Tightening torque (mounting screw)	
Stripping length / Blade size	mm/-

Rated connection	
0.5...1.5 / 1.5...1.5	
0.5...1.5 / 0.5...0.5	
/ (M 2)	
7 / 0.4 x 2.5 mm	

Rated connection	
0.5...2.5 / 1.5...2.5	
0.5...1.5 / 0.5...1.5	
/ (M 2.5)	
7 / 0.6 x 3.5 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 green/yellow
Note	

Type	Qty.	Order No.
WPE 1.5/R3.5	50	1798460000

Type	Qty.	Order No.
WPE 1.5/ZZ	50	1016500000

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.
WAP WDU1.5/R3.5	20	1754190000
EW 15	50	0382860000
DEK 5/3.5 MC NE WS	500	1755270000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

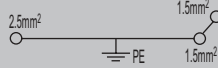
**WPE 2.5/1.5/ZR**

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

Supplementary connection, right 1.5 mm<sup>2</sup> & sup 2;



5.1 x 60 x 46.5  
/ 4  
0.05...4



IEC 60947-7-2 Ex eb II C Gb **Ex** II 2 G D

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



**Rated connection**

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
/ (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 2.5/1.5/ZR	50	1016400000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

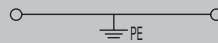
**AKE 2.5**

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

Protective earth terminal for TS 15



5.1 x 28 x 46  
/ 4  
0.13...4



IEC 60947-7-2 Ex eb II C Gb **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	4 mm <sup>2</sup>
250			
4			
300 A (2.5 mm <sup>2</sup> )			
3			
A3 / V-2			



**Rated connection**

0.5...4 / 1.5...2.5  
0.5...2.5 / 0.5...2.5  
/ (M 2.5)

7 / 3.0 x 0.5 mm

Type	Qty.	Order No.
AKE 2.5	100	1303360000

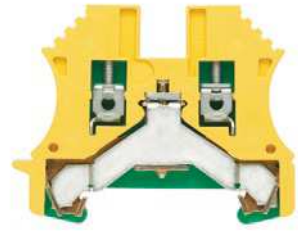
Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

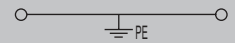
**WPE 2.5**

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

Protective earth terminal for TS 15



5.1 x 60 x 46.5  
/ 4  
0.05...4



IEC 60947-7-2 Ex eb II C Gb **Ex** II 2 G D

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



**Rated connection**

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
/ (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	1010000000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).



## Screw connection with clamping yoke technology (W-Series)

### PE terminal blocks

#### WPE 2.5N

2.5 mm<sup>2</sup>

Compact design



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

5.1 x 54 x 37	
/ 4	
0.05...4	

#### Technical data

Rated data	
for wire 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 / UL 94 flammability rating	
Approvals	

#### Clamped conductors (H05V/H07V)

Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Tightening torque (mounting screw)	
Stripping length / Blade size	mm/-

#### Note

#### Ordering data

Version	
	Green/yellow green/yellow
Note	

#### Accessories

End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Screwdriver	
	Standard
Marking tags	

For detailed information on other accessories and application in the online catalogue

#### AKE 4

4 mm<sup>2</sup>

Protective earth terminal for TS 15



7 x 32 x 34.5	
/ 4	
0.13...4	

IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...12	AWG 26...12	4 mm <sup>2</sup>
500			
6			
300 A (2.5 mm <sup>2</sup> )			
3			
A3 / V-0			

#### Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
/(M 3)

9 / 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.
AKE 4	100	0380260000

Type	Qty.	Order No.
WPE 2.5N	50	1016200000

Type	Qty.	Order No.
WAP WDU2.5N/4N	50	1060000000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
DEK 5/6.5 MC NE WS	900	1609840000

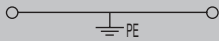
Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

WPE 4

4 mm<sup>2</sup>



6.1 x 56 x 46.5  
/ 6  
0.13...6



IEC 60947-7-2 Ex eb II C Gb **Ex** II 2 G D

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



Rated connection

0.5...6 / 0.5...6  
0.5...6 / 0.5...4  
/ (M 3)

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WPE 4	100	1010100000

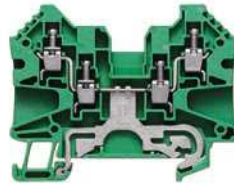
Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

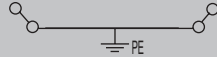
WPE 4/ZZ

4 mm<sup>2</sup>

Twin connection



6.1 x 70 x 53  
/ 6  
0.05...6



IEC 60947-7-2 Ex eb II C Gb **Ex** II 2 G D

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



Rated connection

0.5...6 / 0.5...4  
0.5...4 / 0.5...4  
/ (M 3)

10 / 0.6 x 3.5 mm

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

Type	Qty.	Order No.
WAP WDU/WTR4/ZZ	50	1905150000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

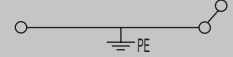
WPE 4/ZR

4 mm<sup>2</sup>

Additional connection, right side



6.1 x 63.5 x 52.8  
/ 6  
0.05...6



IEC 60947-7-2 Ex eb II C Gb **Ex** II 2 G D

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



Rated connection

0.5...6 / 0.5...4  
0.5...4 / 0.5...4  
/ (M 3)

10 / 0.6 x 3.5 mm

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

Type	Qty.	Order No.
WAP WDU/WTR4/ZR	50	1905070000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).



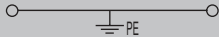


WPE 10

10 mm<sup>2</sup>



9.9 x 56 x 46.5  
/ 16  
1.31...16



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 16...6	10 mm <sup>2</sup>
800			
8			
1200 A (10 mm <sup>2</sup> )			
3			
B6 / V-0			



Rated connection

1.5...16 / 1.5...16  
1.5...16 / 1.5...16  
/ (M 4)

12 / 1.0 x 5.5 mm

AWG 6/7 and H07VR16 tighten with 2.4 Nm.

Type	Qty.	Order No.
WPE 10	50	1010300000

Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
WQB-PEN 10	10	1060300000

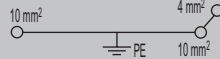
Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

WPE 10/ZR

10 mm<sup>2</sup>



9.9 x 66 x 49  
/ 16  
1.31...16



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 14...6	
1000			
8			
1200 A (10 mm <sup>2</sup> )			
3			
B6, A4 / V-0			



Rated connection

1.5...16 / 1.5...16  
1.5...16 / 1.5...16  
/ (M 4)

12 / 0.6 x 3.5 mm

Max. conductor cross-sections refer to 10 mm<sup>2</sup> and 16 mm<sup>2</sup> connections. Tighten AWG 6/7 and H07VR16 to 2.4 Nm.

Type	Qty.	Order No.
WPE 10/ZR	50	1042500000

Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
WQB-PEN 10	10	1060300000

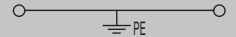
Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

WPE 16

16 mm<sup>2</sup>



11.9 x 56 x 62.5  
/ 25  
1.5...25



IEC 60947-7-2 Ex eb II C Gb II 2 G D

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



Rated connection

1.5...16 / 1.5...25  
1.5...25 / 1.5...16  
/ (M 5)

16 / 1.0 x 5.5 mm

For 25 mm<sup>2</sup>, TS 35 x 15 (steel, 1.5 mm thick) should be used. Tighten H07V-16 and AWG 6 conductors to 2.0-2.4 Nm.

Type	Qty.	Order No.
WPE 16	50	1010400000

Type	Qty.	Order No.
WEW 35/1	50	1059000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
WQB-PEN 16	10	1060200000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).



## Screw connection with clamping yoke technology (W-Series)

### PE terminal blocks

#### WPE 16N

16 mm<sup>2</sup>

Compact design



#### WPE 35

35 mm<sup>2</sup>



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

12 x 56 x 46.5	
/ 25	
1.5...25	

16 x 56 x 62.5	
/ 35	
2.5...35	

#### Technical data

Rated data	
for wire 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 / UL 94 flammability rating	

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
16	AWG 14...6	AWG 14...6	
400			
6			
1920 A (16 mm <sup>2</sup> )			
3			
B7 / V-0			

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
35	AWG 12...2	AWG 12...2	35 mm <sup>2</sup>
800			
8			
4200 A (35 mm <sup>2</sup> )			
3			
B8 / V-0			

#### Clamped conductors (H05V/H07V)

Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Tightening torque (mounting screw)	
Stripping length / Blade size	mm/-

Rated connection			
1.5...16 / 1.5...25			
1.5...16 / 4...16			
/ (M 4)			

Rated connection			
2.5...16 / 2.5...35			
2.5...35 / 2.5...35			
/ (M 6)			

#### Note

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

#### Ordering data

Version	
	Green/yellow green/yellow

#### Note

Type	Qty.	Order No.
WPE 16N	50	1019100000

Type	Qty.	Order No.
WPE 35	25	1010500000

#### Accessories

PEN bridge	
End bracket	dark beige
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.
WQV 16N-PEN BL	76 A 10	1071360000
WEW 35/2	50	1061200000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

Type	Qty.	Order No.
WQB-PEN 35	10	1060100000
WEW 35/1	50	1059000000
SDS 1.2X6.5X150	1	2749390000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

For detailed information on other accessories and application in the online catalogue

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

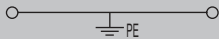
Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

WPE 35/IKSC

35 mm<sup>2</sup>



16 x 56 x 62.5  
/ 35  
2.5...35



IEC 60947-7-2 Ex eb II C Gb **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
35	AWG 12...1	AWG 12...2	35 mm <sup>2</sup>
800			
8			
4200 A (35 mm <sup>2</sup> )			
3			
B8 / V-0			

CE, UL, CSA, EN, IEC, VDE, TÜV, N, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z

Rated connection

2.5...16 / 2.5...35  
2.5...35 / 2.5...35  
/ (M 6)

18 / S4 (DIN 6911)

Type	Qty.	Order No.
WPE 35/IKSC	25	1012600000

Type	Qty.	Order No.
WQB-PEN 35	10	1060100000
WEW 35/1	50	1059000000
SDS 1.2X6.5X150	1	2749390000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

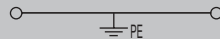
Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

WPE 35N

35 mm<sup>2</sup>



16 x 66 x 50.5  
/ 50  
2.5...50



IEC 60947-7-2 Ex eb II C Gb **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
35	AWG 12...2		35 mm <sup>2</sup>
400			
6			
4200 A (35 mm <sup>2</sup> )			
3			
B8 / V-0			

CE, UL, CSA, EN, IEC, VDE, TÜV, N, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z

Rated connection

2.5...16 / 2.5...50  
2.5...35 / 2.5...35  
/ (M 6)

18 / 6.5 x 1.2 mm

Type	Qty.	Order No.
WPE 35N	20	1717740000

Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 1.2X6.5X150	1	2749390000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

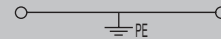
Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

WPE 50N

50 mm<sup>2</sup>



18.5 x 71 x 69.6  
/ 70  
5.26...70



IEC 60947-7-2 Ex eb II C Gb **Ex** II 2 G D

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

CE, UL, CSA, EN, IEC, VDE, TÜV, N, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z

Rated connection

10...16 / 10...70  
10...50  
/ (M 6)

24 / S4 (DIN 6911)

For 50 and 70 mm<sup>2</sup>, the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.

Type	Qty.	Order No.
WPE 50N	10	1846040000

Type	Qty.	Order No.
WQV PEN 50N	150 A 5	9201610000
WEW 35/1	50	1059000000
SKS 2,0-8,0 MR	1	9008870000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).



**Screw connection with clamping yoke technology (W-Series)  
PE terminal blocks**

Universal range

**A**

**WPE 70N/35**

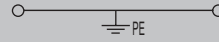
**70 mm<sup>2</sup>**

Compact design



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

20.5 x 75 x 85
<b>/ 95</b>
<b>16...95</b>



**Technical data**

<b>Rated data</b>	
for wire 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 / UL 94 flammability rating	
Approvals	

IEC 60947-7-2

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

Ex eb II C Gb II 2 G D

<b>Clamped conductors (H05V/H07V)</b>	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Tightening torque (mounting screw)	
Stripping length / Blade size	mm/-

<b>Rated connection</b>			
16...16 / 16...95			
16...70 / 16...50			
/ (M 8)			
22 / S6 (DIN 6911)			

**Note**

For 50 - 95 mm<sup>2</sup>, the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.

**Ordering data**

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

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

**Accessories**

<b>PEN bridge</b>	
<b>End bracket</b>	dark beige
<b>Screwdriver</b>	Standard
<b>Marking tags</b>	

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WQV 70N-PEN	192 A 5	<b>9525840000</b>
WEW 35/1	50	<b>1059000000</b>
SKS 2,0-8,0 MR	1	<b>9008870000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 12/6.5 MC NE WS	540	<b>1609920000</b>

For detailed information on other accessories and application in the online catalogue

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

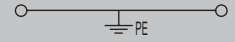
**WPE 95N/120N**

**95 mm<sup>2</sup>**

Compact design



27 x 91 x 90
<b>/ 150</b>
<b>16...150</b>



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
95	AWG 4...0	AWG 4...0	120 mm <sup>2</sup>
1000			
8			
11400 A (95 mm <sup>2</sup> )			
3			
B13 / V-0			

Ex eb II C Gb II 2 G D

<b>Rated connection</b>			
16...16 / 16...150			
16...120			
/ (M 10)			
27 / S6 (DIN 6911)			

For 50 - 150 mm<sup>2</sup>, the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WPE 95N/120N	5	<b>1846030000</b>
UL, CSA and ATEX certifications are pending		

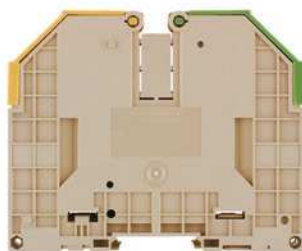
<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WQV PEN 95N/120N	5	<b>9201630000</b>
WEW 35/1	50	<b>1059000000</b>
SKS 2,0-8,0 MR	1	<b>9008870000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 12/6.5 MC NE WS	540	<b>1609920000</b>

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

**WPE 70/95**

**95 mm<sup>2</sup>**

Conductor can be inserted from above / leaf spring



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

27 x 132 x 107	
/ 120	
13.3...120	

**Technical data**

<b>Rated data</b>	
for wire 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 / UL 94 flammability rating	
Approvals	

IEC 60947-7-2 Ex eb II C Gb II 2 G D

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

Approvals

**Clamped conductors (H05V/H07V)**

Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Tightening torque (mounting screw)	
Stripping length / Blade size	mm/-

**Rated connection**

16...16 / 16...120
16...95 / 35...50
/ (M 8)
30 / S6 (DIN 6911)

**Note**

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

**Ordering data**

<b>Version</b>	green/yellow
----------------	--------------

**Note**

Type	Qty.	Order No.
WPE 70/95	10	1037300000

**Accessories**

<b>PEN bridge</b>	
<b>End bracket</b>	dark beige
<b>Marking tags</b>	
<b>Screwdriver</b>	Standard

Type	Qty.	Order No.
WQV 70/95-PEN	232 A 5	1072300000
WEW 35/1	50	1059000000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
SKS 2,0-8,0 MR	1	9008870000

For detailed information on other accessories and application in the online catalogue

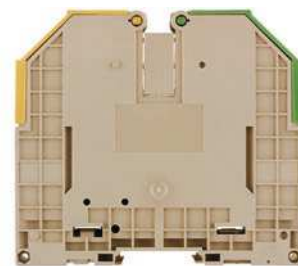
Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).



**WPE 120/150**

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

Conductor can be inserted from above / leaf spring



32 x 132 x 117	
/ 150	
33.62...150	

IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
120	AWG 2...250	AWG 2...250	150 mm <sup>2</sup>
1000			
8			
14400 A (120 mm <sup>2</sup> )			
3			
B13 / V-0			

**Rated connection**

/ 35...150
35...150 / 35...50
/ (M 10)
35 / S6 (DIN 6911)

For 50 - 150 mm<sup>2</sup>, the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.

Type	Qty.	Order No.
WPE 120/150	10	1019700000

Type	Qty.	Order No.
WQV 120-PEN	292 A 5	1072400000
WEW 35/1	50	1059000000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
SKS 2,0-8,0 MR	1	9008870000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

**Screw connection with clamping yoke technology (W-Series)**  
**PE terminal blocks**

Universal range

A

**WDK 2.5 PE**

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



**WDK 2.5N PE**

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

Compact design



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

5.1 x 69.5 x 62.5	
/ 4	
0.05...4	

5.1 x 60.7 x 54.95	
/ 4	
0.05...4	

**Technical data**

Rated data	
for wire 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 / UL 94 flammability rating	
Approvals	

IEC 60947-2  
 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 22...12	AWG 26...12	4 mm <sup>2</sup>
400			
6			
300 A (2.5 mm <sup>2</sup> )			
3			
A3 / V-0			

IEC 60947-2  
 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12		4 mm <sup>2</sup>
800			
8			
300 A (2.5 mm <sup>2</sup> )			
3			
A3 / V-0			

Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	mm/-

**Note**

Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
/ (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).

Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
/ (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).

**Ordering data**

Version	
	green/yellow

**Note**

Type	Qty.	Order No.
WDK 2.5PE	50	1036300000

Type	Qty.	Order No.
WDK 2.5N PE	50	1041620000

**Accessories**

Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
	dark beige
End bracket	
	dark beige
Screwdriver	
	Standard
Marking tags	
Cover	
	Blank, white
	Blank, yellow

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

Type	Qty.	Order No.
WAP WDK2.5/4 N	20	1084000000
WAP WDK2.5/4 N BL	20	1084080000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

For detailed information on other accessories and application in the online catalogue

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

Rail support for protective-insulated installation of mounting rail "SH 2", order no. 0494920000 (QTY 10). Cross-connections, see section "W series accessories".

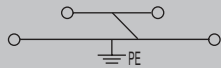
**WDK 4N PE**

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

Compact design



6.1 x 60.7 x 63.25  
/ 6  
0.13...6



IEC 60947-7-2  
UL  
CSA  
EN 60079-7  
Ex eb II  
C Gb  
II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	6 mm <sup>2</sup>
800			
8			
480 A (4 mm <sup>2</sup> )			
3			
A3 / V-0			

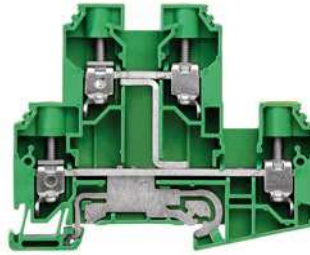


**Rated connection**

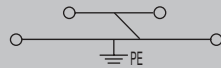
0.5...6 / 1.5...6  
0.5...4 / 1.5...4  
/ (M 3)  
8 / 0.6 x 3.5 mm

**WDK 10 PE**

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



9.9 x 85 x 69  
70 / 16  
1.5...16



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
10	AWG 18...6	AWG 18...6	
800			
8			
1200 A (10 mm <sup>2</sup> )			
3			
B6 / V-0			



**Rated connection**

1.5...16 / 1.5...16  
1.5...16 / 1.5...16  
/ (M 4)  
12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
WDK 4N PE	50	1041920000

Type	Qty.	Order No.
WDK 10 PE	50	1415470000

Type	Qty.	Order No.
WAP WDK2.5/4 N	20	1084000000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/6 MC NE WS	1000	1609820000
WS 8/5 MM WS	800	2007150000
DEK 5/5 MM WS	800	2007110000
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000

Type	Qty.	Order No.
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAP WDK10	20	1186720000
WAP WDK10 BL	20	1186730000
WEW 35/2	50	1061200000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

Cross-connections, see section "W series accessories".



## Screw connection with clamping yoke technology (W-Series)

### Fuse terminal blocks

#### WFS 4

4 mm<sup>2</sup>

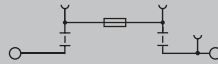
#### WFS 4

Overload and short-circuit protection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

6.1 x 62.5 x 75  
**6.3 / 6**  
**0.22...6**



#### Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Blade size	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
400	300 (D)	300 (D)	
6.3	10	10	
4	AWG 22...10	AWG 22...10	
6 kV / 3			
V-0			

CE

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

**Note**

#### Ordering data

Version	
	black, 500 V AC/DC, without LED
	blue, 500 V AC/DC, without LED
	dark beige, 500 V AC/DC, without LED

**Note**

#### Accessories

<b>End bracket</b>	dark beige
<b>Screwdriver</b>	With "swifty set" cutting device Standard
<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
<b>Marking tags</b>	

Type	Qty.	Order No.
WFS 4	50	<b>2561900000</b>
WFS 4 BL	50	<b>2562000000</b>
WFS 4 DB	50	<b>2562050000</b>

Type	Qty.	Order No.
WEW 35/2	50	<b>1061200000</b>
SWIFTY SET	1	<b>9006060000</b>
SDS 0.6X3.5X100	1	<b>2749340000</b>
G 20/0.25A/F	0.25 A 10	<b>0430500000</b>
G 20/0.50A/F	0.5 A 10	<b>0430600000</b>
G 20/1.00A/F	1 A 10	<b>0430700000</b>
G 20/2.00A/F	2 A 10	<b>0430900000</b>
DEK 5/6 MC NE WS	1000	<b>1609820000</b>
WS 12/6 MC NE WS	600	<b>1609900000</b>

For detailed information on other accessories and application in the online catalogue

Type	Order No.
WFS 4 10-36V	<b>2562070000</b>

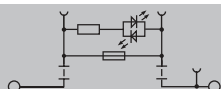
Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T <sub>A</sub> max.	Nominal values	T <sub>A</sub> max.	Nominal values
Individual	55 °C	4.0 W / 10 A	35 °C	2.5 W / 2.5 A
In combination	68 °C	2.5 W / 2.5 A	41 °C	1.6 W / 1.0 A

WFS 4 LD

4 mm<sup>2</sup>

WFS 4

Overload and short-circuit protection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

6.1 x 62.5 x 75  
6.3 / 6  
0.22...6

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Blade size	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
400	300 (D)	300 (D)	
6.3	10	10	
4	AWG 22...10	AWG 22...10	
6 kV / 3			
V-0			

CE

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

Note

Ordering data

Version	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

Type	Qty.	Order No.
WFS 4 10-36V	50	2562070000
WFS 4 30-70V	50	2561990000
WFS 4 60-150V	50	2561970000
WFS 4 100-250V	50	2561960000

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Screwdriver	With "swifty set" cutting device Standard
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	0.25 A fast 0.50 A fast 1.00 A fast
Marking tags	

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000

For detailed information on other accessories and application in the online catalogue



## Screw connection with clamping yoke technology (W-Series)

### Fuse terminal blocks

WSI 4

4 mm<sup>2</sup>

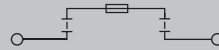
WSI 4

Overload and short-circuit protection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

8 x 50.7 x 42.5  
**6.3 / 4**  
**0.5...4**



#### Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Blade size	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	
6.3	15	15	
4	AWG 30...12	AWG 30...12	
6 kV / 3			
V-0			

CE

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

**Note**

#### Ordering data

Version	
500 V AC/DC, without 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

<b>End bracket</b>	dark beige
<b>Screwdriver</b>	With "swifty set" cutting device Standard
<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
<b>Marking tags</b>	

Type	Qty.	Order No.
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6 MC NE WS	600	1609900000

For detailed information on other accessories and application in the online catalogue

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

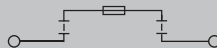
WSI 4 Ex

4 mm<sup>2</sup>



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

8 x 50.7 x 42.5
<b>6.3 / 4</b>
<b>0.5...4</b>



### Technical data

<b>Rated data</b>	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Blade size	

IEC 60947-7-3	Ex ec II C Gc II 3 G D		
<b>IEC</b>	<b>UL</b>	<b>CSA</b>	<b>EN 60079-7</b>
500	300 (C)	300 (C)	
6.3	15	15	6.3
4	AWG 30...12	AWG 30...12	4 mm <sup>2</sup>
6 kV / 3			
V-0			
		DEMKO14ATEX1389U	
<b>Rated connection</b>			
0.5...4 / 1.5...4			
0.5...4			
/ (M 3)			
0.6 x 3.5 mm			

**Note**

### Ordering data

<b>Version</b>	
	500 V AC/DC, without 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 4	50	2562590000
WSI 4/LD 10-36V AC/DC	50	2564350000
WSI 4/LD 30-70V AC/DC	50	2564360000
WSI 4/LD 60-150V AC/DC	50	2564370000
WSI 4/LD 140-250V AC/DC	50	2564380000

### Accessories

<b>End bracket</b>	dark beige
<b>Screwdriver</b>	With "swifty set" cutting device Standard
<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
<b>Marking tags</b>	

Type	Qty.	Order No.
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6 MC NE WS	600	1609900000

For detailed information on other accessories and application in the online catalogue



## Screw connection with clamping yoke technology (W-Series)

### Fuse terminal blocks

WSI 4/2

4 mm<sup>2</sup>

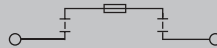
WSI 4/2

Overload and short-circuit protection



Width/Height/Depth	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 53.5  
**6.3 / 6**  
**0.5...6**



#### Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Blade size	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	
6.3	15	15	
4	AWG 30...10	AWG 30...10	
6 kV / 3			
V-0			

CE

Rated connection	
0.5...6 / 1.5...6	
0.5...6	
/ (M 3)	
0.6 x 3.5 mm	

Width/height/depth = 9.1 x 58.5 x 81.6 mm

#### Note

#### Ordering data

Version	
500 V AC/DC, without 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

End plate / Partition plate	dark beige
End bracket	dark beige
Screwdriver	With "swifty set" cutting device Standard
G25 with indicator / imperial (inch) fuse	0.50 A medium slow / 2 A 2.00 A fast / 5 A 4.00 A fast / 10 A
Marking tags	

Type	Qty.	Order No.
WAP WSI4/2	50	1880450000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
GZ 2.0A/F	2 A 10	1460600000
GZ 5.0A/F	0.5 A 10	1460620000
GZ 10.0A/F	10	1460640000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6 MC NE WS	600	1609900000

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

For detailed information on other accessories and application in the online catalogue

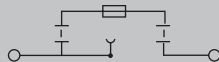
**WSI 6**

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

Metric fuses

**WSI 6**

Overload and short-circuit protection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

7.9 x 60 x 61  
**6.3 / 10**  
**0.5...10**

**Technical data**

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Blade size	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	600 (C)	600 (C)	
6.3	9.5	10	
6	AWG 22...8	AWG 20...8	
6 kV / 3			
V-0			

CE, ENEC, Kitem, NRTL

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

**Note**

**Ordering data**

Version	500 V AC/DC, without 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	50	1011000000
Max. power loss (1.6 W) at the cartridge fuse limits the rated current.		

**Accessories**

Screwable cross-connection	
	2-pole 10-pole Lock washer Mounting screw
End plate / Partition plate	
	dark beige dark beige
Screwdriver	
	Standard
End bracket	
	dark beige
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
Marking tags	

Type	Qty.	Order No.
QL 2 SAK6N	41 A 50	0194300000
QL 10 SAK6N	41 A 20	0338300000
SS M3 D 128-A 3	50	0164400000
KISC M3X5	100	1052100000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
SDS 0.8X4.0X100	1	2749360000
WEW 35/2	50	1061200000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000

For detailed information on other accessories and application in the online catalogue

Markers only fit on one side. Cross-connections, see section "W series accessories".



## Screw connection with clamping yoke technology (W-Series)

### Fuse terminal blocks

#### WSI 6 LD

6 mm<sup>2</sup>

Metric fuses / bipolar LED

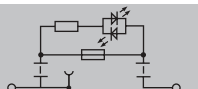


#### WSI 6 LD

Overload and short-circuit protection

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

7.9 x 60 x 71.5  
**6.3 / 10**  
**0.5...10**



#### Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Blade size	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
6.3			
6	AWG 22...8	AWG 20...8	
6 kV / 3			
V-0			

CE, RoHS, REACH, N, RA

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

**Note**

#### Ordering data

Version	
	500 V AC/DC, without 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	10	1011300000
WSI 6/LD 30-70V DC/AC	10	1012200000
WSI 6/LD 60-150V DC/AC	10	1012300000
WSI 6/LD 250AC	10	1012400000

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

#### Accessories

<b>Screwable cross-connection</b>	2-pole
	10-pole
	Lock washer
	Mounting screw
<b>End plate / Partition plate</b>	dark beige
	dark beige
<b>Screwdriver</b>	Standard
<b>End bracket</b>	dark beige
<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
<b>Marking tags</b>	

Type	Qty.	Order No.
QL 2 SAK6N	41 A 50	0194300000
QL 10 SAK6N	41 A 20	0338300000
SS M3 D 128-A 3	50	0164400000
KISC M3X5	100	1052100000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
SDS 0.8X4.0X100	1	2749360000
WEW 35/2	50	1061200000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000

For detailed information on other accessories and application in the online catalogue

Markers only fit on one side. Cross-connections, see section "W series accessories".

Type	Order No.
WSI 6/LD 10-36V DC/AC	1011300000

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	42 °C	4.0 W / 6.3 A	31 °C	1.6 W / 3.0 A
In combination	36 °C	225 W / 6.3 A	27 °C	1.6 W / 3.0 A



## Screw connection with clamping yoke technology (W-Series)

### Fuse terminal blocks

#### WSI 6/2 m. LED

6 mm<sup>2</sup>

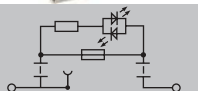
Imperial fuses / bipolar LED



11.9 x 60 x 78.5

6.3 / 10

0.5...10



Width/Height/Depth	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
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Blade size	

**Note**

#### Ordering data

Version	
	500 V AC/DC, without 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

Screwable cross-connection	
	2-pole
	10-pole
	Lock washer
	Mounting screw
End plate / Partition plate	
	dark beige
	dark beige
G25 with indicator / imperial (inch) fuse	
	0.50 A medium slow / 2 A
	2.00 A fast / 5 A
	4.00 A fast / 10 A
Marking tags	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
6.3			
6	AWG 22...8	AWG 20...6	
6 kV / 3			
V-0			

CE, RoHS, REACH, N, RA

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

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

Type	Qty.	Order No.
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.		

Type	Qty.	Order No.
QL 2 SAK16	76 A 50	0470700000
QL 10 SAK16	76 A 20	0471000000
SS M3 D 128-A 3	50	0164400000
KISC M3X5	100	1052100000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
GZ 2.0A/F	2 A 10	1460600000
GZ 5.0A/F	0.5 A 10	1460620000
GZ 10.0A/F	10	1460640000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000

For detailed information on other accessories and application in the online catalogue

Markers only fit on one side. Cross-connections, see section "W series accessories".

#### WSI 6/2 m. LED

Overload and short-circuit protection

Type	Order No.
WSI 6/2/LD 10-36V DC/AC	1014100000

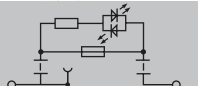
Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T <sub>A</sub> max.	Nominal values	T <sub>A</sub> max.	Nominal values
Individual	52 °C	4.0 W / 10.0 A	42 °C	2.5 W / 2.5 A
In combination	62 °C	2.5 W / 2.5 A	30 °C	2.5 W / 2.5 A

WSI 6/LD LLC

6 mm<sup>2</sup>



7.9 x 60 x 71.5  
6.3 / 10  
0.5...10



Width/Height/Depth	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
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Blade size	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
6.3			
6	AWG 22...8	AWG 20...8	
			/ 3
			V-0

CE G B V

Rated connection	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Blade size	

Note

### 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	10	1119840000
WSI 6/LD 30-70V LLC	10	1119830000
WSI 6/LD 60-150V LLC	10	1119850000
WSI 6/LD 250AC LLC	10	1119870000

### Accessories

<b>Screwable cross-connection</b>	
	2-pole
	10-pole
	Mounting screw
<b>End plate / Partition plate</b>	
	dark beige
	dark beige
<b>End bracket</b>	
	dark beige
<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
<b>Screwdriver</b>	
	Standard
<b>Marking tags</b>	

Type	Qty.	Order No.
QL 2 SAK6N	41 A 50	0194300000
QL 10 SAK6N	41 A 20	0338300000
KISC M3X20 SAK10 CU5	100	0377100000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
SDS 0.8X4.0X100	1	2749360000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000

For detailed information on other accessories and application in the online catalogue

Markers only fit on one side. Cross-connections, see section "W series accessories".

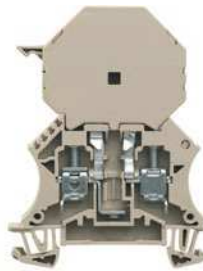


## Screw connection with clamping yoke technology (W-Series)

### Fuse terminal blocks

WSI 6/2/LD LLC

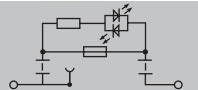
6 mm<sup>2</sup>



11.9 x 60 x 78.5

6.3 / 10

0.5...10



Width/Height/Depth	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
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Blade size	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
6.3			
6	AWG 22...8	AWG 20...8	
			/ 3
			V-0

CE G B K

**Rated connection**

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

**Note**

#### 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
	10-pole
	Lock washer
	Mounting screw
End plate / Partition plate	
	dark beige
	dark beige
End bracket	
	dark beige
G25 with indicator / imperial (inch) fuse	
	0.50 A medium slow / 2 A
	2.00 A fast / 5 A
	4.00 A fast / 10 A
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
QL 2 SAK16	76 A 50	0470700000
QL 10 SAK16	76 A 20	0471000000
SS M3 D 128-A 3	50	0164400000
KISC M3X5	100	1052100000
WAP 2.5-10	50	1050000000
WAP 16*35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
GZ 2.0A/F	2 A 10	1460600000
GZ 5.0A/F	0.5 A 10	1460620000
GZ 10.0A/F	10	1460640000
SDS 0.8X4.0X100	1	2749360000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000

For detailed information on other accessories and application in the online catalogue

Markers only fit on one side. Cross-connections, see section "W series accessories".



**WSI 25 10x38**

25 mm<sup>2</sup>



**WSI 25 CC**

25 mm<sup>2</sup>



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

18 x 81 x 58
<b>32 / 25</b>
<b>1.5...25</b>

18 x 81 x 58
<b>32 / 25</b>
<b>1.5...25</b>

**Technical data**

<b>Rated data</b>	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Blade size	

IEC 60947-7-3			
<b>IEC</b>	<b>UL</b>	<b>CSA</b>	<b>EN 60079-7</b>
690			
32			
25		AWG 18...3	
		6 kV / 3	
		V-0	
CE CB CB			
<b>Rated connection</b>			
1.5...25 / 1.5...25			
1.5...25 / 1.5...25			

IEC 60947-7-3			
<b>IEC</b>	<b>UL</b>	<b>CSA</b>	<b>EN 60079-7</b>
690			
32			
25		AWG 18...3	
		6 kV / 3	
		V-0	
CE CB CB			
<b>Rated connection</b>			
1.5...25 / 1.5...25			
1.5...25 / 1.5...25			

**Note**

Suitable for fuse inserts acc. to IEC 60269-6 with power losses up to 3 W maximum. 440 V DC

Suitable for fuse cartridges in accordance with IEC 60269-6 with power losses up to max. 3 W. Suitable for fuse cartridges in accordance with UL 248-4.

**Ordering data**

<b>Version</b>	
1-pole, without LED	
2-pole, without LED	
3-pole, without LED	
1-pole, with LED	

Type	Qty.	Order No.
WSI 25/1 10X38	12	<b>1966020000</b>
WSI 25/2 10X38	6	<b>1966090000</b>
WSI 25/3 10X38	4	<b>1966080000</b>
WSI 25/1 10X38/LED 690V	12	<b>1966060000</b>

1000 VDC rated voltage tested.

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

**Note**

**Accessories**

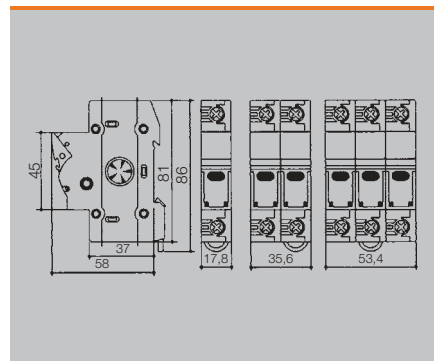
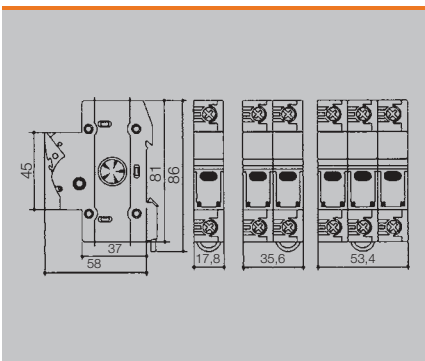
<b>Marking tags</b>	Marking tags
---------------------	--------------

Type	Qty.	Order No.
ESG 6/15 K MC NE WS	200	<b>1880100000</b>

Type	Qty.	Order No.
ESG 6/15 K MC NE WS	200	<b>1880100000</b>

For detailed information on other accessories and application in the online catalogue

**Technical drawing**



## Screw connection with clamping yoke technology (W-Series)

### Fuse terminal blocks

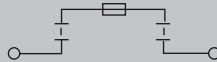
WSI 25/1 10x38 1KV

25 mm<sup>2</sup>



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

18 x 81 x 58  
**30 / 25**  
**1.5...25**



#### Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Blade size	

IEC 60269-1

IEC	UL	CSA	EN 60079-7
1000			
30			
25		AWG 18...8	
		6 kV / 3	
		V-0	

CE CB UK U<sub>L</sub>

#### Rated connection

1.5...25 / 1.5...25
1.5...25 / 1.5...25

#### Note

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	
10 A	
12 A	
16 A	
20 A	

Type	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 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

For detailed information on other accessories and application in the online catalogue



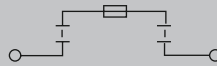
**SAKS 2/35 DB**

10 mm<sup>2</sup>

D fuses E 16



27.6 x 80 x 73.5  
10 / 16  
0.22...16



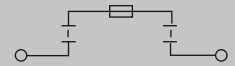
**SAKS 4/35 DB**

10 mm<sup>2</sup>

D 01 fuses E 14



24 x 75 x 65  
16 / 16  
0.22...16



Width/Height/Depth 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
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Blade size	
Note	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500		600 (C)	
10		25	
10		AWG 22...8	
6 kV / 3			
V-0, 5VA			

CE G B E

Rated connection

0.5...16 / 0.5...10
0.5...10
/(M 4)
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.

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
400	600 (C)	600 (C)	
16	30	30	
10	AWG 26...8	AWG 22...8	
6 kV / 3			
V-0, 5VA			

CE G B E

Rated connection

0.5...16 / 0.5...10
0.5...10
/(M 4)
1.0 x 5.5 mm

400 V also with Neozed marine engineering fuse. On connection of over 10 mm<sup>2</sup> stranded and 7-wire AWG conductors, the tightening torque is 2 Nm.

**Ordering data**

Version	
	500 V AC/DC, without LED
Note	

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

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

**Accessories**

Screwable cross-connection	
	2-pole
	10-pole
	Lock washer
	Mounting screw
End plate / Partition plate	
	dark beige
Screw cover cap	
	SK
Safety fuses	
Gauge rings	
Marking tags	

Type	Qty.	Order No.
QL 2 SAKS2	36 A 20	0207800000
QL 10 SAKS2	36 A 20	0338900000
SS M4 D 128-A 4	100	0136400000
BFSC M4X9T	100	0103300000
WTW EN	20	1058800000
SK E16/SAKS2	25	0284110000
E 16/10A RT TNDZ	10 A 25	0208500000
E 16/16A GR TNDZ	16 A 25	0208600000
E 16/20A BL TNDZ	20 A 25	0208700000
E 16/25A GE TNDZ	25 A 25	0208800000
DEK 5/5 MC NE WS	1000	1609801044

Type	Qty.	Order No.
QL 2 SAKS4	47 A 20	0328000000
QL 10 SAKS4	47 A 20	0339000000
SS M4 D 128-A 4	100	0136400000
BFSC M4X9T	100	0103300000
WTW EN	20	1058800000
SK E14 SAKS4	20	0339410000
E 14/2A RS	2 A 10	0137400000
E 14/4A BR	4 A 10	0137500000
E 14/6A GN	6 A 10	0328300000
E 14/10A RT	10 A 10	0328400000
P 14/2 D01 RS SAKS4	2 A 50	0138000000
P 14/4 D01 BR SAKS4	4 A 50	0138100000
DEK 5/5 MC NE WS	1000	1609801044

For detailed information on other accessories and application in the online catalogue

Replacement screw cover cap, order no. 0284110000 (QTY 20) Cross-connections, see section "W series accessories".

Replacement screw cover cap, order no. 0339410000 (QTY 20) Cross-connections, see section "W series accessories".

## Screw connection with clamping yoke technology (W-Series)

### Fuse terminal blocks

**SAKS 5/35 DB**

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

**D 02 fuse E 18**



28 x 80 x 65

**63 / 16**

**1.5...16**



Width/Height/Depth	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
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Blade size	

**Note**

#### Ordering data

Version	
	500 V AC/DC, without LED
Note	

#### Accessories

Screwable cross-connection	
	2-pole
	10-pole
	Lock washer
	Mounting screw
End plate / Partition plate	
	dark beige
Screw cover cap	
	SK
Safety fuses	
Gauge rings	
Marking tags	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
400	600 (C)	600 (C)	
63	40	63	
16	AWG 14...6	AWG 14...6	
6 kV / 3			
V-0, 5VA			

CE

Rated connection	
	1.5...16 / 1.5...16
	1.5...16
	/ (M 4)
	1.0 x 5.5 mm

400 V also with Neozed marine engineering fuse. On connection of over 10 mm<sup>2</sup> stranded and 7-wire AWG conductors, the tightening torque is 2 Nm.

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

Type	Qty.	Order No.
QL 2 SAKS2	36 A 20	<b>0207800000</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>
WTW EN	20	<b>1058800000</b>
SK E18 SAKS5	20	<b>0359310000</b>
E 18/20A BL	20 A 10	<b>0361300000</b>
E 18/25A GE	25 A 10	<b>0361400000</b>
E 18/35A SW	35 A 10	<b>0361500000</b>
P 18/20 D02 BL SAKS5	20 A 50	<b>0361800000</b>
P 18/25 D02 GE SAKS5	25 A 50	<b>0361900000</b>
P 18/35 D02 SW SAKS5	35 A 50	<b>0362000000</b>
P 18/50 D02 WS SAKS5	50 A 50	<b>0362100000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>

For detailed information on other accessories and application in the online catalogue

Replacement screw cover cap, order no. 0359310000 (QTY 20) Cross-connections, see section "W series accessories".



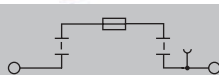
WTR 2.5/SI

2.5 mm<sup>2</sup>



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

5.1 x 60 x 97  
6.3 / 4  
0.05...4



### Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Blade size	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
400		300 (D)	
6.3		10	
2.5	AWG 22...12	AWG 26...12	
6 kV / 3			
V-0			

CE TÜV SÜD

Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
/ (M 2.5)	
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).

### Note

### Ordering data

Version	400 V AC/DC, without LED 10-36 V AC/DC, with LED
---------	---

### Note

Type	Qty.	Order No.
WTR 2.5/SI	25	1763940000
WTR 2.5/SI LD 36V	25	1763950000

UL/CSA specified for cartridge fuse 400 V, otherwise, the specified voltage range also applies to UL/CSA.

### Accessories

Plug-in cross-connection	2-pole 10-pole
End plate / Partition plate	dark beige dark beige
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
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP 2.5-10	50	1050000000
WAP 16*35 WTW 2.5-10	20	1050100000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

Cross-connection options for WTR 2.5, see section on W-series Accessories.



## Screw connection with clamping yoke technology (W-Series)

### Fuse terminal blocks

#### WTR 4 SI SL

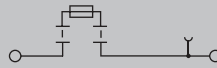
4 mm<sup>2</sup>

With fuse holder



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

6.1 x 61.5 x 97  
**6.3 / 6**  
**0.22...6**



#### Technical data

<b>Rated data</b>	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Blade size	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300 (D)	300 (D)	
6.3	6.3	6.3	
4	AWG 22...10	AWG 22...10	
6 kV / 3			
V-0			

CE G B V

<b>Rated connection</b>	
0.5...6 / 1.5...6	
0.5...4	
/ (M 3)	
0.6 x 3.5 mm	

**Note**

#### Ordering data

<b>Version</b>	400 V AC/DC, without LED
<b>Note</b>	

Type	Qty.	Order No.
WTR 4 SI SL	25	7910330000

#### Accessories

<b>Plug-in cross-connection</b>	2-pole 10-pole
<b>End plate / Partition plate</b>	dark beige Black dark beige
<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
<b>End bracket</b>	dark beige
<b>Hak. Cable lugs</b>	
<b>Marking tags</b>	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP 2.5-10	50	1050000000
WAP 2.5-10 SW	50	1050010000
WAP 16*35 WTW 2.5-10	20	1050100000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
WEW 35/2	50	1061200000
HBT 1,5 - 3,0 RT	100	1312440000
HBT 2,5 - 3,0 BL	100	1312450000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

For detailed information on other accessories and application in the online catalogue

Cross-connections, see section "W series accessories".



**KDKS 1/35 DB**

4 mm<sup>2</sup>

Metric fuses 5 x 20 mm



**KDKS 1EN/LLC**

4 mm<sup>2</sup>



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

8 x 73.5 x 55.6	
<b>6.3 / 4</b>	
<b>0.22...4</b>	

8 x 76.5 x 54.6	
<b>/ 4</b>	
<b>0.22...4</b>	

**Technical data**

<b>Rated data</b>	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Blade size	
<b>Note</b>	

IEC 60947-7-3			
<b>IEC</b>	<b>UL</b>	<b>CSA</b>	<b>EN 60079-7</b>
500	300 (C)	300 (D)	
6.3	10	10	
4	AWG 26...12	AWG 26...12	
6 kV / 3			
V-0			
<b>CE</b>			
<b>Rated connection</b>			
0.5...4 / 1.5...4			
0.5...4			
/ (M 3)			
0.6 x 3.5 mm			
Note: max. conductor size = 2.5 mm <sup>2</sup> when using the cross-connector.			

IEC 60947-7-3			
<b>IEC</b>	<b>UL</b>	<b>CSA</b>	<b>EN 60079-7</b>
500	300 (C)	150 (C)	
6.3	20	25	
4	AWG 26...12	AWG 26...12	
/ 3			
V-0			
<b>CE</b>			
<b>Rated connection</b>			
0.5...4 / 1.5...4			
0.5...4			
/ (M 3)			
0.6 x 3.5 mm			

**Ordering data**

<b>Version</b>	
	500 V AC/DC, without LED
	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
<b>Note</b>	

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
KDKS 1/35 DB	50	<b>9532440000</b>
Max. power loss (1.6 W) at the cartridge fuse limits the rated current.		

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
KDKS 1EN/LLC 10-36V AC/DC	50	<b>9802720001</b>
KDKS 1EN/LLC 30-70V AC/DC	50	<b>9908510001</b>
KDKS 1EN/LLC 100-250V AC/DC	50	<b>9915820001</b>

**Accessories**

<b>End plate / Partition plate</b>	dark beige
<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
<b>Marking tags</b>	

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
AP KDKS1 DB	20	<b>9532470000</b>
G 20/0.25A/F	0.25 A 10	<b>0430500000</b>
G 20/0.50A/F	0.5 A 10	<b>0430600000</b>
G 20/1.00A/F	1 A 10	<b>0430700000</b>
G 20/2.00A/F	2 A 10	<b>0430900000</b>
DEK 5/8 MC NE WS	800	<b>1856740000</b>

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
AP KDKS1 DB	20	<b>9532470000</b>
G 20/0.25A/F	0.25 A 10	<b>0430500000</b>
G 20/0.50A/F	0.5 A 10	<b>0430600000</b>
G 20/1.00A/F	1 A 10	<b>0430700000</b>
G 20/2.00A/F	2 A 10	<b>0430900000</b>
DEK 5/8 MC NE WS	800	<b>1856740000</b>

For detailed information on other accessories and application in the online catalogue

## Screw connection with clamping yoke technology (W-Series)

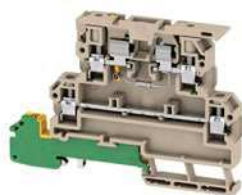
### Fuse terminal blocks

#### KDKS 1PE/LLC

4 mm<sup>2</sup>

#### KDKS 1/35 DB

Overload and short-circuit protection



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

8 x 91 x 65
/ 4
<b>0.33...4</b>

IEC 60947-7-1, IEC 60947-7-2, IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	150 (C)	
6.3	20	25	
4	AWG 26...12	AWG 26...12	
6 kV / 3			
V-0			



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

#### Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Blade size	

Note

#### Ordering data

Version	
500 V AC/DC, without LED	
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	

Type	Qty.	Order No.
KDKS 1PE/LLC 10-36V AC/DC	50	1518300000
KDKS 1PE/LLC 30-70V AC/DC	50	1518330000
KDKS 1PE/LLC 60-150V AC/DC	50	1518340000
KDKS 1PE/LLC 100-250V AC/DC	50	1518370000

#### Accessories

End plate / Partition plate	
dark beige	
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	
Marking tags	

Type	Qty.	Order No.
AP KDKS1 DB	20	9532470000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/8 MC NE WS	800	1856740000

Type	Order No.
KDKS 1/35 DB	9532440000

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.

For detailed information on other accessories and application in the online catalogue



## Fuse cartridges

## Technical data

for terminal type:  
WSI 4  
WSI 6  
AFS 4 2C BK  
ZSI 2.5  
ZSI 2.5-2/2X2AN/G20  
ZSI 6-2 2X2.5/G20  
KDKS 1/35 DB



## Ordering data

G-type fuse cartridges 5 x 20 without indicator in accordance with IEC 60127-2 (VDE 0820 T.2 BI) <sup>1)</sup>						
Size (mm)	Rated current	Characteristics	Type	Qty.	Order No.	
Cartridge fuse Rated breaking capacity	G-Si. 5 x 20 1.5 kA	0.1	quick-acting	G 20/0.10A/F	10	0430300000
		0.2	quick-acting	G 20/0.20A/F	10	0430400000
		0.25	quick-acting	G 20/0.25A/F	10	0430500000
		0.5	quick-acting	G 20/0.50A/F	10	0430600000
		0.63	quick-acting	G 20/0.63A/F	10	0439000000
		1	quick-acting	G 20/1.00A/F	10	0430700000
		1.6	quick-acting	G 20/1.60A/F	10	0430800000
		2	quick-acting	G 20/2.00A/F	10	0430900000
		2.5	quick-acting	G 20/2.50A/F	10	0431000000
		3.15	quick-acting	G 20/3.15A/F	10	0431100000
		4	quick-acting	G 20/4.00A/F	10	0431200000
		5	quick-acting	G 20/5.00A/F	10	0431300000
		6.3	quick-acting	G 20/6.30A/F	10	0431400000

(M) = medium time-lag; (F) = quick-acting

## Technical data

for terminal type:  
WSI 6



## Ordering data

G-type fuse cartridges 5 x 25 with code in acc. with DIN 41576 <sup>1)</sup>						
Size (mm)	Rated current	Characteristics	Type	Qty.	Order No.	
Cartridge fuse Rated breaking capacity	G-Si. 5 x 25 80 A	0.25	medium time-lag	G 25/0.25A/M GE	10	0546900000
		0.5	medium time-lag	G 25/0.50A/M WS	10	0510300000
		0.8	medium time-lag	G 25/0.80A/M GR	10	0646400000
		1	medium time-lag	G 25/1.00A/M RT	10	0265800000
		2	quick-acting	G 25/2.00A/F BL	10	0192700000
		4	quick-acting	G 25/4.00A/F BR	10	0192800000
		6.3	quick-acting	G 25/6.30A/F GN	10	0192900000
		10	medium time-lag	G 25/10.0A/M RT	10	0193100000

(M) = medium time-lag; (F) = quick-acting

## Technical data

for terminal type:  
WSI 4/2  
WSI 6/2 GZ/DEF63



## Ordering data

Fuse cartridges 1/4" x 1/4" without indicator in acc. with BS 88						
Size (mm)	Rated current	Characteristics	Type	Qty.	Order No.	
Cartridge fuse Rated breaking capacity	G-Si. 6.3 x 32 50 kA	0.5	quick-acting	GZ 0.5A/F	10	1460580000
		1	quick-acting	GZ 1.0A/F	10	1460590000
		2	quick-acting	GZ 2.0A/F	10	1460600000
		3	quick-acting	GZ 3.0A/F	10	1460610000
		5	quick-acting	GZ 5.0A/F	10	1460620000
		7	quick-acting	GZ 7.0A/F	10	1460630000
		10	quick-acting	GZ 10.0A/F	10	1460640000
		12.5	quick-acting	GZ 12.5A/F	10	1460650000

(M) = medium time-lag; (F) = quick-acting

## Technical data

for terminal type:  
SAKS 2/35 DB



## Ordering data

D-type fuse cartridge E 16 with indicator in acc. with DIN 49360 (Diazed)						
Size (mm)	Rated current	Characteristics	Type	Qty.	Order No.	
Cartridge fuse Rated breaking capacity	25	10	slo-blo	E 16/10A RT TNDZ	25	0208500000
		16	slo-blo	E 16/16A GR TNDZ	25	0208600000
		20	slo-blo	E 16/20A BL TNDZ	25	0208700000
		25	slo-blo	E 16/25A GE TNDZ	25	0208800000

(M) = medium time-lag; (F) = quick-acting

## Technical data

for terminal type:  
SAKS 4/35 DB



## Ordering data

D-type fuse cartridges E 14 size D 01 and E 18 size D 02 with indicator in acc. with DIN 49522 (Neozed) <sup>3)</sup>						
Size (mm)	Rated current	Characteristics	Type	Qty.	Order No.	
Cartridge fuse Rated breaking capacity	25	10	slo-blo	E 14/10A RT	10	0328400000
		16	slo-blo	E 14/16A GR	10	0328500000
		2	slo-blo	E 14/2A RS	10	0137400000
		4	slo-blo	E 14/4A BR	10	0137500000
6	slo-blo	E 14/6A GN	10	0328300000		

(M) = medium time-lag; (F) = quick-acting

## Fuse cartridges

### Technical data

for terminal type:  
SAKS 5/35 DB



### Ordering data

D-type fuse cartridges E 14 size D 01 and E 18 size D 02 with indicator in acc. with DIN 49522 (Neozed)<sup>3)</sup>

Size (mm)	Rated current	Characteristics	Type	Qty.	Order No.
	20	slo-blo	E 18/20A BL	10	0361300000
	25	slo-blo	E 18/25A GE	10	0361400000
Cartridge fuse	35	slo-blo	E 18/35A SW	10	0361500000
Rated breaking capacity	50	slo-blo	E 18/50A WS	10	0361600000
	63	slo-blo	E 18/63A KU	10	0361700000

(M) = medium time-lag; (F) = quick-acting

- 1) The company SIBA supplies G-type fuse cartridges 5 x 25 with indicator, also in marine engineering version for 450 V~.
- 2) Fuse cartridges 5 x 30 (500 V~) für SAKS 3 are available from the company WICKMANN.
- 3) The company LINDNER supplies Neozed fuse cartridges, also in a further marine engineering version for 440 V~.
- 4) Fuse cartridges with the dimensions 1"x1/4" = 25.4x6.35 mm and 13/32"x11/2" = 10.3x38.1 mm are not in the programme.
- 5) Only for SAKS 1 and SAKS 7.

## Safety fuse 10x38 mm

In photovoltaic applications, fusing of individual strings is needed. Specially designed fuses should be used as DC voltages and current are involved. AC fuses are not suitable. The range from 2-20 A and up to 1000 V DC can be covered with safety fuses, size 10 x 38 mm.



### Ordering data

Type	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 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

Note

## Gauge rings

### Technical data

for terminal type:  
SAKS 4/35 DB



### Ordering data

Type	Cartridge fuse	Current	Colour	Qty.	Order No.
P 14/2 D01 RS SAKS4	E14 / 2	2 A	pink	50	0138000000
P 14/4 D01 BR SAKS4	E14 / 4	4 A	brown	50	0138100000
P 14/6 D01 GN SAKS4	E14 / 6	6 A	green	50	0328600000
P 14/10 D01 RT SAKS4	E14 / 10	10 A	red	50	0328700000

### Technical data

for terminal type:  
SAKS 5/35 DB



### Ordering data

Type	Cartridge fuse	Current	Colour	Qty.	Order No.
P 18/20 D02 BL SAKS5	E18 / 20	20 A	blue	50	0361800000
P 18/25 D02 GE SAKS5	E18 / 25	25 A	yellow	50	0361900000
P 18/35 D02 SW SAKS5	E18 / 35	35 A	black	50	0362000000
P 18/50 D02 WS SAKS5	E18 / 50	50 A	white	50	0362100000



# Screw connection with clamping yoke technology (W-Series)

## Test-disconnect terminal blocks

Universal range

A

### WTR 2.5

2.5 mm<sup>2</sup>

With clamping screw



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

5.1 x 60 x 48
24 / 4
0.05...4

#### Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	mm/-
Note	
2.5 mm <sup>2</sup> conductor with ferrule with plastic collar, only with order No. 1333100000 (QTY 500).	

#### Ordering data

Version	Color
	dark beige
	Blue
	without isolator, dark beige
Note	

#### Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole, yellow
End plate / Partition plate	
	dark beige
	dark beige
End bracket	
	dark beige
Holder for cartridge fuse 5 x 20 mm	
	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
Screwdriver	
	Standard
Testing / Checking	
	Test adapter
	Test plug
Marking tags	
	DEK 5/5 MC NE WS
	WS 12/5 MC NE WS
	WS 8/5 MM WS
	DEK 5/5 MM WS
For detailed information on other accessories and application in the online catalogue	

### WTR 2.5 STB

2.5 mm<sup>2</sup>

With sockets



5.1 x 60 x 48
24 / 4
0.05...4

IEC 60947-1			
IEC	UL	CSA	EN 60079-7
500	600	300	
24	20	10	
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			
/ (M 2.5)			
10 / 0.6 x 3.5 mm			
2.5 mm <sup>2</sup> conductor with ferrule with plastic collar, only with order No. 1333100000 (QTY 500).			

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	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP 2.5-10		
WAP 2.5-10	50	1050000000
WEW 35/2		
WEW 35/2	50	1061200000
SIHA 3/G20		
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST		
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
SDS 0.6X3.5X100		
SDS 0.6X3.5X100	1	2749340000
WTA 6 WTR2.5		
WTA 6 WTR2.5	6 A 25	1632380000
PS 2.3 RT		
PS 2.3 RT	20	0180400000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
WS 8/5 MM WS	800	2007150000
DEK 5/5 MM WS	800	2007110000
Special cross-connector, see section on W-series accessories.		

Cross-connections, see section "W series accessories".

**WTR 2.5/ZZ**

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

Twin connection



5.1 x 60 x 46.5  
**16 / 4**  
**0.13...4**



IEC	UL	CSA	EN 60079-7
400	300	300	
16	10	10	
2.5	AWG 26...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  
/ (M 3)  
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WTR 2.5/ZZ	50	<b>1039900000</b>
WTR 2.5/ZZ BL	50	<b>1039980000</b>
WTR 2.5/ZZ 0.TNHE	50	<b>1774670000</b>

2.5 mm<sup>2</sup> conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	<b>1527540000</b>
ZQV 2.5N/10	24 A 20	<b>1527690000</b>
ZQV 2.5N/2 GE	24 A 60	<b>1693800000</b>
ZQV 2.5N/10 GE	24 A 20	<b>1693880000</b>
WAP WTR2.5/ZZ	20	<b>1074600000</b>
WEW 35/2	50	<b>1061200000</b>
SIHA 1/G20	6.3 A 25	<b>9537550000</b>
SIHA 1/G20 10-36V	6.3 A 25	<b>9537560000</b>
SDS 0.6X3.5X100	1	<b>2749340000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 12/5 MC NE WS	720	<b>1609860000</b>
WS 8/5 MM WS	800	<b>2007150000</b>
DEK 5/5 MM WS	800	<b>2007110000</b>

Cross-connections, see section "W series accessories".

**WTR 4**

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

With clamping screw



6.1 x 60 x 48  
**32 / 6**  
**0.22...6**



IEC	UL	CSA	EN 60079-7
500	300	300	
32	10	10	
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...2.5  
/ (M 3)  
13 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WTR 4	50	<b>7910180000</b>
WTR 4 BL	50	<b>7910190000</b>
WTR 4/O.TNHE	50	<b>2436380000</b>

Type	Qty.	Order No.
ZQV 4N/10 GE	32 A 20	<b>1758260000</b>
ZQV 4N/2 GE	32 A 60	<b>1758250000</b>
WAP 2.5-10	50	<b>1050000000</b>
WAP 16+35 WTW 2.5-10	20	<b>1050100000</b>
WEW 35/2	50	<b>1061200000</b>
SIHA 3/G20	6.3 A 25	<b>7921560000</b>
SIHA 3/G20/LD 10-36V	25	<b>7921570000</b>
SIHA 3/G20/LD 140-250V	25	<b>7921600000</b>
BEST	50	<b>1833100000</b>
BEST/DRBR	22 A 50	<b>1878570000</b>
BEST/D	1 A 50	<b>1878560000</b>
SDS 0.6X3.5X100	1	<b>2749340000</b>
WS 12/5 MC NE WS	720	<b>1609860000</b>
WS 8/6 MM WS	600	<b>2007160000</b>
DEK 5/6 MM WS	600	<b>2007120000</b>

Cross-connections, see section "W series accessories".

**WTR 4 STB**

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

With socket



6.1 x 60 x 48  
**32 / 6**  
**0.22...6**



IEC	UL	CSA	EN 60079-7
500	300	300	
32	10	10	
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...2.5  
/ (M 3)  
13 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WTR 4 STB	50	<b>7910210000</b>
WTR 4 STB BL	50	<b>7910220000</b>
WTR 4 STB/O.TNHE	50	<b>2436390000</b>

Type	Qty.	Order No.
ZQV 4N/10 GE	32 A 20	<b>1758260000</b>
ZQV 4N/2 GE	32 A 60	<b>1758250000</b>
WAP 2.5-10	50	<b>1050000000</b>
WAP 16+35 WTW 2.5-10	20	<b>1050100000</b>
WEW 35/2	50	<b>1061200000</b>
SIHA 3/G20	6.3 A 25	<b>7921560000</b>
SIHA 3/G20/LD 10-36V	25	<b>7921570000</b>
SIHA 3/G20/LD 140-250V	25	<b>7921600000</b>
BEST	50	<b>1833100000</b>
BEST/DRBR	22 A 50	<b>1878570000</b>
BEST/D	1 A 50	<b>1878560000</b>
SDS 0.6X3.5X100	1	<b>2749340000</b>
PS 2.3 RT	20	<b>0180400000</b>
WS 12/5 MC NE WS	720	<b>1609860000</b>
WS 8/6 MM WS	600	<b>2007160000</b>
DEK 5/6 MM WS	600	<b>2007120000</b>

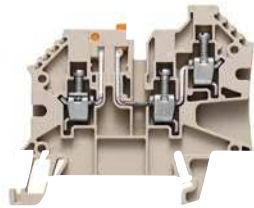
Cross-connections, see section "W series accessories".



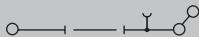
**WTR 4/ZR**

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

Supplementary connection, right, with clamping screw



6.1 x 63.5 x 53  
27 / 6  
0.05...6



IEC	UL	CSA	EN 60079-7
500	600	600	
27	25	25	
4	AWG 30...10	AWG 30...10	
6 kV / 3			
A4 / V-0			

CE

**Rated connection**

0.5...6 / 1.5...6  
0.5...4 / 0.5...2.5  
/ (M 3)  
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WTR 4/ZR	50	1905080000
WTR 4/ZR/O.TNHE	50	2436400000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP WDU/WTR4/ZR	50	1905070000
WEW 35/2	50	1061200000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST	20 A 50	1833090000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

Cross-connections, see section "W series accessories".

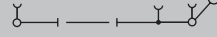
**WTR 4/ZR STB**

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

Supplementary connection with socket



6.1 x 63.5 x 53  
27 / 6  
0.05...6



IEC	UL	CSA	EN 60079-7
500	600	600	
27	25	25	
4	AWG 30...10	AWG 30...10	
6 kV / 3			
A4 / V-0			

CE

**Rated connection**

0.5...6 / 1.5...6  
0.5...4 / 0.5...2.5  
/ (M 3)  
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WTR 4/ZR STB	50	1905110000
WTR 4/ZR STB/O.TNHE	50	2436410000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP WDU/WTR4/ZR	50	1905070000
WEW 35/2	50	1061200000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST	20 A 50	1833090000
SDS 0.6X3.5X100	1	2749340000
PS 2.3 RT	20	0180400000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

Cross-connections, see section "W series accessories".

**WTR 4 SL**

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

With clamping screw



6.1 x 61.5 x 46.5  
32 / 6  
0.22...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
630	300	300	
32	22	10	
4	AWG 22...10	AWG 22...10	
6 kV / 2			
A4 / V-0			

CE

**Rated connection**

0.5...6 / 1.5...6  
0.5...4  
/ (M 3)  
13 / 0.6 x 3.5 mm

UL/CSA 600 V possible with end plate WAP or WTW partition plate.

Type	Qty.	Order No.
WTR 4 SL	50	7910270000
WTR 4 SL BL	50	7910280000

With pollution severity degree 2, the voltage can be raised to 630 V.

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
HBT 1,5 - 3,0 RT	100	1312440000
HBT 2,5 - 3,0 BL	100	1312450000

Cross-connections, see section "W series accessories".



# Screw connection with clamping yoke technology (W-Series)

## Test-disconnect terminal blocks

Universal range

A

### WTR 4 SL STB

4 mm<sup>2</sup>

With socket



### WTR 4 SL/EN

4 mm<sup>2</sup>

with clamping screw



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

6.1 x 61.5 x 46.5	
<b>32 / 6</b>	
<b>0.22...6</b>	

6.1 x 61.5 x 51	
<b>32 / 6</b>	
<b>0.22...6</b>	

### Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
32	22	10	
4	AWG 22...10	AWG 22...10	
6 kV / 3			
A4 / V-0			

CE

Rated connection	
0.5...6 / 1.5...6	
0.5...4	
/(M 3)	
13 / 0.6 x 3.5 mm	

UL/CSA 600 V possible with end plate WAP or WTW partition plate.

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
630	300	300	
32	22	10	
4	AWG 22...10	AWG 22...10	
6 kV / 2			
A4 / V-0			

CE

Rated connection	
0.5...6 / 1.5...6	
0.5...4	
/(M 3)	
13 / 0.6 x 3.5 mm	

UL/CSA 600 V possible with end plate WAP or WTW partition plate.

### Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
WTR 4 STB SL	50	7910300000
WTR 4 STB SL BL	50	7910310000

Type	Qty.	Order No.
WTR4 SL/EN	50	7910360000
WTR4 SL/EN BL	50	7910370000

With pollution severity degree 2, the voltage can be raised to 630 V.

### Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	dark beige
End bracket	
	dark beige
Hak. Cable lugs	
Testing / Checking	
	Test plug
Marking tags	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
HBT 1,5 - 3,0 RT	100	1312440000
HBT 2,5 - 3,0 BL	100	1312450000
PS 2.3 RT	20	0180400000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
HBT 1,5 - 3,0 RT	100	1312440000
HBT 2,5 - 3,0 BL	100	1312450000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

For detailed information on other accessories and application in the online catalogue

Cross-connections, see section "W series accessories".

Cross-connections, see section "W series accessories".

**WTR 4 STB SL/EN**

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

With socket



6.1 x 61.5 x 51  
32 / 6  
0.22...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
32	22	10	
4	AWG 22...10	AWG 22...10	
6 kV / 3			
A4 / V-0			

CE

**Rated connection**

0.5...6 / 1.5...6

0.5...4

/ (M 3)

13 / 0.6 x 3.5 mm

UL/CSA 600 V possible with end plate WAP or WTW partition plate.

Type	Qty.	Order No.
WTR4 SL/EN STB	50	7910390000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
HBT 1,5 - 3,0 RT	100	1312440000
HBT 2,5 - 3,0 BL	100	1312450000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

Cross-connections, see section "W series accessories".





WDT 1.5/3

1.5 mm<sup>2</sup>

Disconnection lower level or both levels



6.4 x 112 x 66  
10 / 2.5  
0.13...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
10	10	10	
1.5	AWG 26...14	AWG 26...14	
4 kV / 3			
A2 / V-0			

CE

**Rated connection**

0.5...2.5 / 1.5...2.5

0.5...1.5 / 0.5...1.5

/ (M 2.5)

10 / 0.6 x 3.5 mm

WDT 1.5/3 BL/HB Order no. 1016160000 flammability rating V2

Type	Qty.	Order No.
WDT 1.5/3 DB/GE	25	1016000000

Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
RAHE LN WDT1.5	10	1865410000
DEK 5/6.5 MC NE WS	900	1609840000
WS 8/5 MC NE WS	720	1640740000



## Separate potentials simply and safely in confined spaces

### Klippon® Connect test-disconnect terminal blocks

In marshalling cabinets of industrial control systems, signal lines from the field are often connected with terminal blocks. These are known as a robust, simple, and tidy connection option. However, their use requires sufficient current protection and a reliable disconnection circuit.

Our WDTR test-disconnect terminal blocks enable a safe and simple electrical isolation in confined spaces. Two potentials can be operated with only one terminal block, resulting in space-savings of 50%. The multifunctional disconnect section can be converted into a fuse terminal or equipped with a component plug to enable the integration of electronic components.

#### Your special advantages:

- Separation of two different potentials on one terminal block
- Maximum safety due to colour-contrasted disconnect levers
- Combination foot for maximum flexibility on TS 32 and TS 35 mounting rails
- Multifunctional separation area for individual applications

#### Space-saving on the mounting rail

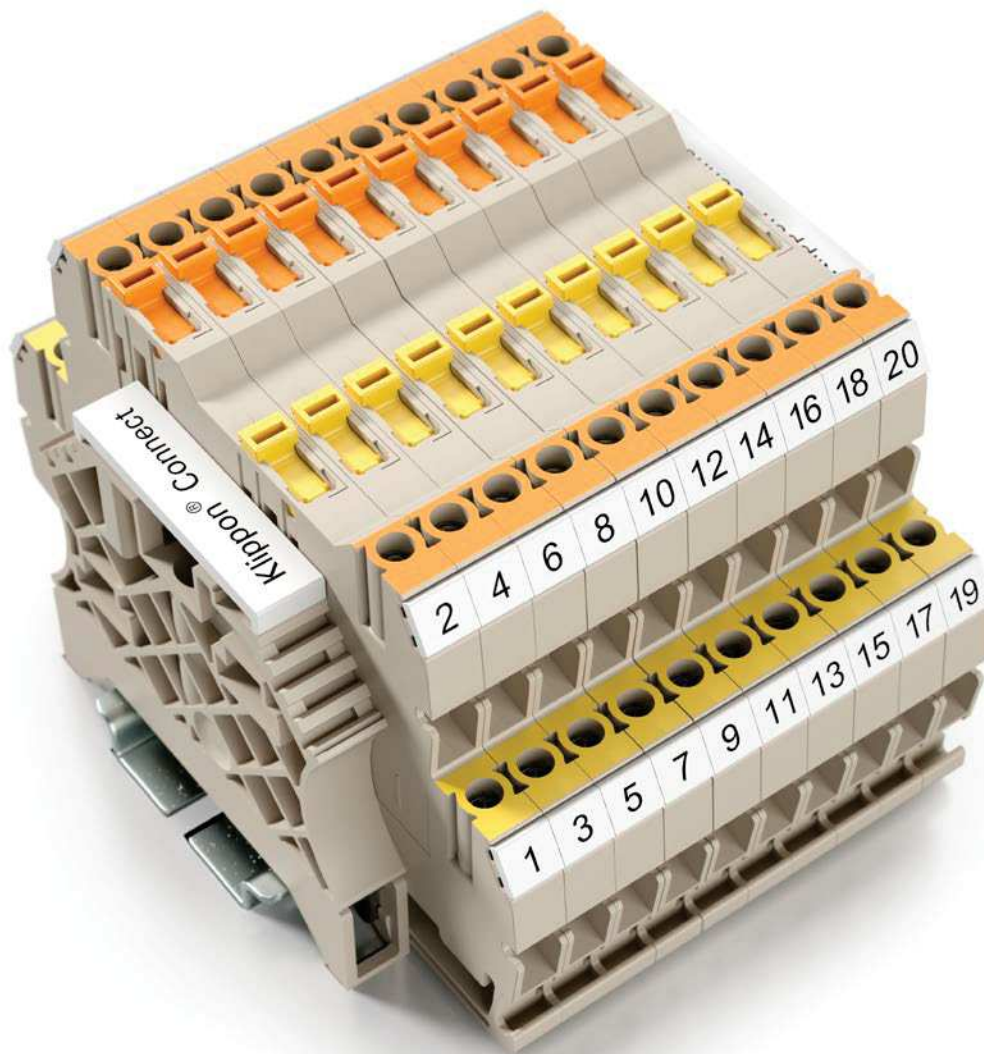
The design of the terminal block makes it possible to switch two potentials with only one terminal. This results in a space-savings of 50 % compared to conventional superstructures.



#### Increased clarity and security

The two potentials are marked in different colours and assigned to the connection areas. This reduces the risk of misconnections and guarantees maximum safety.



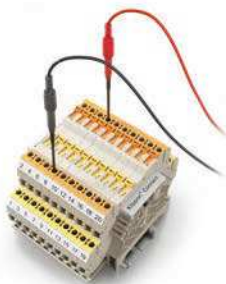


**Time-saving in testing and revision**

Easily accessible test facilities in front of and behind the clamping point allow the system to be tested quickly and safely. A 2.0 standard test adapter can also be mounted on the screw heads in wired condition.

**Individual application solutions**

The multifunctional disconnection area allows either a fuse holder or a component plug to be accommodated. Depending on the application, it can be used as a fuse terminal or as a terminal block with electronic components.



## Screw connection with clamping yoke technology (W-Series)

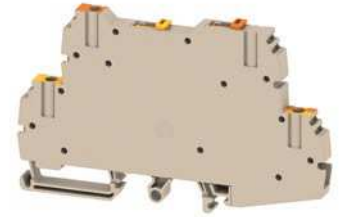
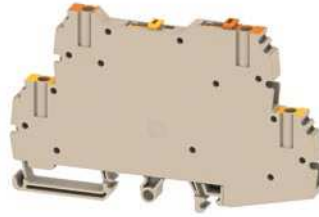
### Test-disconnect terminal blocks

#### WDTR 2.5

2.5 mm<sup>2</sup>

#### WDTR 2.5/WE

2.5 mm<sup>2</sup>



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

6.15 x 94 x 65	
/ 4	
0.05...4	

6.15 x 94 x 65	
/ 4	
0.05...4	

#### Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	mm/-
<b>Note</b>	

IEC 60947-1			
IEC	UL	CSA	EN 60079-7
500	150		
17	20		
2.5	AWG 30...12		
6 kV / 3			
A3 / V-0			
<b>CE</b>			
Rated connection			
0.5...4 / 1.5...4			
0.5...2.5 / 0.5...2.5			
8 / 0.6 x 3.5 mm			
<b>Note</b>			

IEC 60947-1			
IEC	UL	CSA	EN 60079-7
500	150	300	
17	20	17	
2.5	AWG 22...12	AWG 26...12	
6 kV / 3			
A3 / V-0			
<b>CE</b>			
Rated connection			
0.5...4 / 1.5...4			
0.5...2.5 / 0.5...2.5			
8 / 0.6 x 3.5 mm			
<b>Note</b>			

#### Ordering data

Version	
	dark beige
	without STB
	Blue
<b>Note</b>	

Type	Qty.	Order No.
WDTR 2.5	25	2456000000
WDTR 2.5 O.STB	25	2456030000
WDTR 2.5 BL	25	2456010000
<b>Note</b>		

Type	Qty.	Order No.
WDTR 2.5/WE	25	2456020000
<b>Note</b>		

#### Accessories

Cross-connector	
	black
	red
	blue
End bracket	
	dark beige
	black
Screwdriver	
	Standard
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	35 - 70 V AC/DC, red LED
	60 - 150 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Disconnect plug	
	removable, as replacement for release lever
	orange
Module connector (max. 250 V)	
	without fittings
	With 1N4007 diode
	with wire jumper
Marking tags	
	WS 8/5 MC NE WS
	DEK 5/6 MC NE WS

Type	Qty.	Order No.	
VQB 1.5/50 SW	5	1635120000	
VQB 1.5/50 RT	5	1633290000	
VQB 1.5/50 BL	5	1633280000	
WEW 35/2	50	1061200000	
WEW 35/2 SW	100	1061210000	
SDIS SLIM 0.6X3.5X100	1	2749610000	
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000	
SIHA 3/G20/LD 35-70V	25	7921580000	
SIHA 3/G20/LD 60-150V	25	7921590000	
SIHA 3/G20/LD 140-250V	25	7921600000	
TNST	20 A	50	1833090000
TNST OR	20 A	50	2463540000
WSD 2.5/SCAN WTR2.5	25	1058760000	
BEST	50	1833100000	
BEST/D	50	1878560000	
BEST/DRBR	50	1878570000	
WS 8/5 MC NE WS	720	1640740000	
DEK 5/6 MC NE WS	1000	1609820000	

Type	Qty.	Order No.	
VQB 1.5/50 SW	5	1635120000	
VQB 1.5/50 RT	5	1633290000	
VQB 1.5/50 BL	5	1633280000	
WEW 35/2	50	1061200000	
WEW 35/2 SW	100	1061210000	
SDIS SLIM 0.6X3.5X100	1	2749610000	
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000	
SIHA 3/G20/LD 35-70V	25	7921580000	
SIHA 3/G20/LD 60-150V	25	7921590000	
SIHA 3/G20/LD 140-250V	25	7921600000	
TNST	20 A	50	1833090000
TNST OR	20 A	50	2463540000
WSD 2.5/SCAN WTR2.5	25	1058760000	
BEST	50	1833100000	
BEST/D	50	1878560000	
BEST/DRBR	50	1878570000	
WS 8/5 MC NE WS	720	1640740000	
DEK 5/6 MC NE WS	1000	1609820000	

For detailed information on other accessories and application in the online catalogue



# Screw connection with clamping yoke technology (W-Series)

## Test-disconnect terminal blocks

Universal range

A

### WDK 2.5/TR-DU

2.5 mm<sup>2</sup>



### WDK 2.5/TR-DU/STB

2.5 mm<sup>2</sup>



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

5.1 x 72.5 x 67.5	
/ 4	
0.5...4	

5.1 x 72.5 x 67.5	
/ 4	
0.5...4	

### Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	mm/-
<b>Note</b>	

IEC	UL	CSA	EN 60079-7
500		300	
24		20	
2.5		AWG 30...12	
		8 kV / 3	
		A2 / V-0	
CE			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
/ (M 3)			
8 / 0.6 x 3.5 mm			
<b>Note</b>			

IEC	UL	CSA	EN 60079-7
500		300	
24		20	
2.5		AWG 30...12	
		8 kV / 3	
		A2 / V-0	
CE			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
/ (M 3)			
8 / 0.6 x 3.5 mm			
<b>Note</b>			

### Ordering data

Version	
	dark beige
	without isolator, dark beige
<b>Note</b>	

Type	Qty.	Order No.
WDK 2.5/TR-DU	50	1247290000
WDK 2.5/TR-DU/0 TNHE	50	1833600000
<b>Note</b>		

Type	Qty.	Order No.
WDK 2.5/TR-DU STB	50	1247310000
<b>Note</b>		

### Accessories

Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Holder for cartridge fuse 5 x 20 mm	
	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 1N4007 diode
	with wire jumper
Disconnect plug	
	removable, as replacement for release lever
Screwdriver	
	Standard
Testing / Checking	
	Test plug
Marking tags	
	DEK 5/5 MC NE WS
	WS 8/5 MC NE WS
	DEK 5/5 MM WS

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK 2.5N/TR-DU		
	50	1839850000
WEW 35/1		
	50	1059000000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST		
	50	1833100000
BEST/D	1 A 50	1878560000
BEST/DRBR	22 A 50	1878570000
TNST		
	20 A 50	1833090000
SDS 0.6X3.5X100		
	1	2749340000
PS 2.3 RT		
	20	0180400000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK 2.5N/TR-DU		
	50	1839850000
WEW 35/1		
	50	1059000000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST		
	50	1833100000
BEST/D	1 A 50	1878560000
BEST/DRBR	22 A 50	1878570000
TNST		
	20 A 50	1833090000
SDS 0.6X3.5X100		
	1	2749340000
PS 2.3 RT		
	20	0180400000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

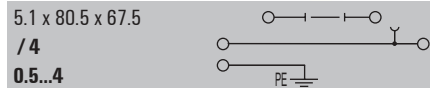
For detailed information on other accessories and application in the online catalogue

Cross-connections, see section "W series accessories".

Cross-connections, see section "W series accessories".

WDK 2.5/TR-DU-PE

2.5 mm<sup>2</sup>



WDK 2.5/TR-DU-PE/STB

2.5 mm<sup>2</sup>



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	mm/-
<b>Note</b>	

IEC	UL	CSA	EN 60079-7
500			
24			
2.5			
		8 kV / 3	
		A2 / V-0	
CE EMC			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
/ (M 3)			
8 / 0.6 x 3.5 mm			
<b>Note</b>			

IEC	UL	CSA	EN 60079-7
500			
24			
2.5			
		8 kV / 3	
		A2 / V-0	
CE EMC			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
/ (M 3)			
8 / 0.6 x 3.5 mm			
<b>Note</b>			

Ordering data

Version	
	dark beige
	without isolator, dark beige
<b>Note</b>	

Type	Qty.	Order No.
WDK 2.5/TR-DU-PE	50	1247420000
WDK 2.5/TR-DU-PE/0 TNHE	50	1833640000
<b>Note</b>		

Type	Qty.	Order No.
WDK 2.5/TR-DU-PE STB	50	1247430000
<b>Note</b>		

Accessories

Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Holder for cartridge fuse 5 x 20 mm	
	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 1N4007 diode
	with wire jumper
Disconnect plug	
	removable, as replacement for release lever
Screwdriver	
	Standard
Testing / Checking	
	Test plug
Marking tags	
DEK 5/5 MC NE WS	1000 1609801044
WS 8/5 MC NE WS	720 1640740000
DEK 5/5 MM WS	800 2007110000

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK 2.5N/TR-DU		
	50	1839850000
WEW 35/1		
	50	1059000000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST		
	50	1833100000
BEST/D	1 A 50	1878560000
BEST/DRBR	22 A 50	1878570000
TNST		
	20 A 50	1833090000
SDS 0.6X3.5X100		
	1	2749340000
PS 2.3 RT		
	20	0180400000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK 2.5N/TR-DU		
	50	1839850000
WEW 35/1		
	50	1059000000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST		
	50	1833100000
BEST/D	1 A 50	1878560000
BEST/DRBR	22 A 50	1878570000
TNST		
	20 A 50	1833090000
SDS 0.6X3.5X100		
	1	2749340000
PS 2.3 RT		
	20	0180400000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

For detailed information on other accessories and application in the online catalogue

Cross-connections, see section "W series accessories".

Cross-connections, see section "W series accessories".



**Screw connection with clamping yoke technology (W-Series)**  
**Pluggable terminal blocks**

Universal range

**A**

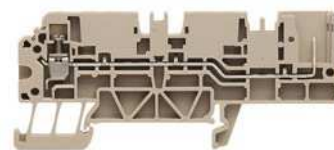
**WT 2.5**

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



**WDT 2.5 BT**

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



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

5.1 x 50.5 x 40	
<b>27 / 4</b>	
<b>0.13...4</b>	

5.1 x 85.5 x 36	
<b>27 / 4</b>	
<b>0.13...4</b>	

**Technical data**

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	mm/-
<b>Note</b>	

IEC 60947-7-1, IEC 61984

IEC	UL	CSA	EN 60079-7
500	300	300	
24	20	20	
2.5	AWG 26...12	AWG 16...12	
6 kV / 3			
A4 / V-0			

CE

Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
/ (M 2.5)	
7 / 0.6 x 3.5 mm	

IEC 60947-7-1, IEC 61984

IEC	UL	CSA	EN 60079-7
500	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A4 / V-0			

CE

Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
/ (M 2.5)	
7 / 0.6 x 3.5 mm	

**Ordering data**

<b>Plug-in connector</b>	
<b>Note</b>	

Type	Qty.	Order No.
WT 2.5	50	<b>1305330000</b>
Type	Qty.	Order No.
WP 2.5/1AN/1	50	<b>1305270000</b>
WP 2.5/1AN/10	50	<b>1305280000</b>

Type	Qty.	Order No.
WDT 2.5 BT	50	<b>1305310000</b>
Type	Qty.	Order No.
WP 2.5/1AN/1	50	<b>1305270000</b>
WP 2.5/1AN/10	50	<b>1305280000</b>

**Accessories**

Plug-in cross-connection	
	2-pole
	10-pole
<b>End plate</b>	
<b>Cover</b>	
<b>End bracket</b>	
	dark beige
<b>Strain relief</b>	
<b>Coding</b>	
<b>Interlock</b>	
<b>Screwdriver</b>	
	Standard
<b>Plug</b>	
	dark beige
<b>Marking tags</b>	
<b>Vertical jumpers</b>	
	1-pole

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	<b>1527540000</b>
ZQV 2.5N/10	24 A 20	<b>1527690000</b>
WAP WDT 2.5 AT	50	<b>1305250000</b>
WEW 35/2	50	<b>1061200000</b>
APGSR 2.5/4	25	<b>2457580000</b>
APGCE	50	<b>1514490000</b>
APGLE 2.5/4	25	<b>2457570000</b>
SDS 0.6X3.5X100	1	<b>2749340000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 10/5 MC NE WS	720	<b>1635000000</b>
DEK 5/5 MM WS	800	<b>2007110000</b>

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	<b>1527540000</b>
ZQV 2.5N/10	24 A 20	<b>1527690000</b>
WAP WDT 2.5 BT	50	<b>1305240000</b>
AH WDT 2.5 BT	50	<b>1305230000</b>
WEW 35/2	50	<b>1061200000</b>
APGSR 2.5/4	25	<b>2457580000</b>
APGCE	50	<b>1514490000</b>
APGLE 2.5/4	25	<b>2457570000</b>
SDS 0.6X3.5X100	1	<b>2749340000</b>
WDT 2.5 AT	24 A 50	<b>1305320000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 10/5 MC NE WS	720	<b>1635000000</b>
DEK 5/5 MM WS	800	<b>2007110000</b>

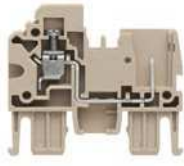
For detailed information on other accessories and application in the online catalogue

Cross-connections, see section "W series accessories".

Cross-connections, see section "W series accessories".

WDT 2.5 AT

2.5 mm<sup>2</sup>



5.1 x 42 x 24.6  
27 / 4  
0.13...4



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A4 / V-0			

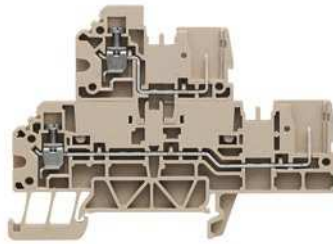
CE e-PA IEC

Rated connection

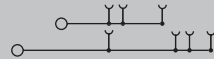
0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
/ (M 2.5)  
7 / 0.6 x 3.5 mm

WDT 2.5/2

2.5 mm<sup>2</sup>



5.1 x 85.5 x 60.5  
27 / 4  
0.13...4



IEC 60947-7-1, IEC 61984

IEC	UL	CSA	EN 60079-7
500	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A4 / V-0			

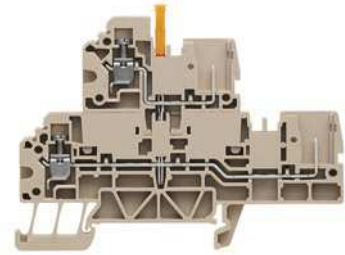
CE e-PA IEC

Rated connection

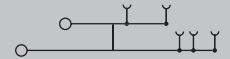
0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
/ (M 2.5)  
7 / 0.6 x 3.5 mm

WDT 2.5/2 V

2.5 mm<sup>2</sup>



5.1 x 85.5 x 60.5  
27 / 4  
0.13...4



IEC 60947-7-1, IEC 61984

IEC	UL	CSA	EN 60079-7
400	300	300	
24	20.1	10	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A4 / V-0			

CE e-PA IEC

Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
/ (M 2.5)  
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDT 2.5 AT	50	1305320000
WP 2.5/1AN/1	50	1305270000
WP 2.5/1AN/10	50	1305280000

Type	Qty.	Order No.
WDT 2.5/2	50	1305290000
WP 2.5/1AN/1	50	1305270000
WP 2.5/1AN/10	50	1305280000

Type	Qty.	Order No.
WDT 2.5/2 V	50	1305300000
WP 2.5/1AN/1	50	1305270000
WP 2.5/1AN/10	50	1305280000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP WDT 2.5 AT	50	1305250000
APGSR 2.5/4	25	2457580000
APGCE	50	1514490000
APGLE 2.5/4	25	2457570000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP WDT 2.5/2	50	1305260000
WEW 35/2	50	1061200000
APGSR 2.5/4	25	2457580000
APGCE	50	1514490000
APGLE 2.5/4	25	2457570000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000
ZVQ 2.5/1.5	24 A 50	1720700000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP WDT 2.5/2	50	1305260000
WEW 35/2	50	1061200000
APGSR 2.5/4	25	2457580000
APGCE	50	1514490000
APGLE 2.5/4	25	2457570000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

Cross-connections, see section "W series accessories".

ZVQ 2.5/1.5 (1720700000) connects the upper and lower layers. Cross-connections, see section "W series accessories".

Cross-connections, see section "W series accessories".



## Screw connection with clamping yoke technology (W-Series)

### Pluggable terminal blocks

WT4 4 AN/2

4 mm<sup>2</sup>



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

6.1 x 84.3 x 50	
/ 6	
0.5...6	

#### Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	mm/-

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600		
32	30		
4	AWG 26...10		
8 kV / 3			
A4 / V-0			
Rated connection		Plug-in connection	
0.5...6 / 0.5...6			
0.5...4 / 0.5...4			
9 / 0.6 x 3.5 mm			

**Note**

#### Ordering data

Version	dark beige
<b>Note</b>	

Type	Qty.	Order No.
WT4 4AN/2	50	1107680000

#### Accessories

<b>Plug-in cross-connection</b>	
	2-pole
	10-pole
<b>End plate / Partition plate</b>	dark beige
<b>End bracket</b>	dark beige
<b>Miscellaneous accessories WeiCoS</b>	
	Locking element
	Coding element
	Strain relief
<b>Plug-in connector</b>	
<b>Screwdriver</b>	Standard
<b>Marking tags</b>	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP WT4/4AN/2	50	1107780000
WEW 35/2	50	1061200000
ZVR ZP4	25	1855250000
KOSF ZT4	50	1856860000
ZZE ZP4	25	1855260000
WP4/1AN/1	32 A 50	1107790000
WP4/1AN/1 ZA	32 A 50	1108490000
WP4/1AN/10	32 A 10	1107800000
SDS 0.6X3.5X100	1	2749340000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

For detailed information on other accessories and application in the online catalogue

Cross-connections, see section "W series accessories".



**Screw connection with clamping-yoke technology (W series)  
Accessories – Pluggable terminal blocks**

**Single plates for individual assembly**

WeiCoS individual plates increase flexibility by providing a solution for every task. The plug-in connector is assembled directly on-site in line with application requirements. Each individual plate is available in green (GN) and beige (BE).

**WeiCoS plug**

- Single plates, plug ZP 2.5/1AN
- Marking option

Ordering data
2.5 mm <sup>2</sup>
4.0 mm <sup>2</sup>
Note

**Coding elements**

- For specific coding of the plug-in stations
- Protection against accidental mistake ensures process reliability

Ordering data
2.5 mm <sup>2</sup>
4.0 mm <sup>2</sup>
Note

**Interlock**

- APGLE to interlock with the terminal block
- APGLE interlock, plug - socket

Ordering data
2.5 mm <sup>2</sup> / 4 mm <sup>2</sup>
Note

**WP 2.5/1AN/1**

**Start plate**



Type	Qty.	Order No.
WP 2.5/1AN/1	50	1305270000
WP4/1AN/1	50	1107790000

**Coding**

**Coding elements**



Type	Qty.	Order No.
APGCE	50	1514490000
KOSF ZT4	50	1856860000

**APGLE**

**Locking element**



Type	Qty.	Order No.
APGLE 2.5/4	25	2457570000

**WP 2.5/1AN ZA 0.RA**

**Middle plate or end plate**



Type	Qty.	Order No.
WP 2.5/1AN/1 ZA 0.RA	50	1351000000

**Application**



**Application APGLE**



**WP 2.5/1AN ZA**

**Middle plate or end plate**



Type	Qty.	Order No.
WP 2.5/1AN/1 ZA	50	1350990000
WP4/1AN/1 ZA	50	1108490000

**Strain reliefs / Protective cover**

- APGSR Strain relief transmits mechanical forces to the plastic housing and protects the contact point

**APGSR**

**Strain reliefs**



Type	Qty.	Order No.
APGSR 2.5/4	25	2457580000
APGSR 2.5/4 - 4P	25	2457590000
APGSR 2.5/4 - 8P	25	2457600000
ZVR ZP4	25	1855250000

**ZAD ZT / ZPS**

**Protective cover**



Type	Qty.	Order No.
ZAD ZT/ZPS2.5	25	1861030000

**Application APGSR**



Ordering data
2.5 mm <sup>2</sup>
2.5 mm <sup>2</sup> / 4 mm <sup>2</sup>
2.5 mm <sup>2</sup> / 4 mm <sup>2</sup>
2.5 mm <sup>2</sup> / 4 mm <sup>2</sup>
4.0 mm <sup>2</sup>
<b>Note</b>



**Screw connection with clamping-yoke technology (W-Series)**  
**Pluggable terminal blocks**

Universal range

**A**

**WDU 2.5 F**

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

Spade connection right



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

5.1 x 60 x 46.25	F2.8 F2.8
<b>12 / 4</b>	
<b>0.13...4</b>	

IEC 61210, In accordance with IEC 60947-7-1

**Technical data**

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	mm/-
<b>Note</b>	

IEC	UL	CSA	EN 60079-7
500	300	300	
12	16	10	
2.5	AWG 22...12	AWG 26...12	
6 kV / 3			
A3 / V-0			
CE			
Rated connection		Plug-in connection	
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
/ (M 2.5)			
10 / 0.6 x 3.5 mm			
<b>Note</b>			
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.			

**Ordering data**

<b>Version</b>	dark beige
<b>Note</b>	

Type	Qty.	Order No.
WDU 2.5 F 2X2.8	100	<b>1021800000</b>
2.5 mm <sup>2</sup> conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).		

**Accessories**

Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
	dark beige
	Blue
End bracket	
	dark beige
Cover	
	With lightning flash symbol
	Blank, white
Marking tags	

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	<b>1053660000</b>
WQV 2.5/10	32 A 20	<b>1054460000</b>
<b>WAP 2.5-10</b>		
WAP 2.5-10	50	<b>1050000000</b>
WAP 2.5-10 BL	50	<b>1050080000</b>
WAP 16+35 WTW 2.5-10	20	<b>1050100000</b>
WAP 16+35 WTW 2.5-10 BL	20	<b>1050180000</b>
<b>WEW 35/2</b>		
WEW 35/2	50	<b>1061200000</b>
<b>WAD 4 GE BED</b>		
WAD 4 GE BED	50	<b>1072000000</b>
WAD 4 WS	50	<b>1072100000</b>
<b>DEK 5/5 MC NE WS</b>		
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
<b>WS 12/5 MC NE WS</b>		
WS 12/5 MC NE WS	720	<b>1609860000</b>
<b>DEK 5/5 MM WS</b>		
DEK 5/5 MM WS	800	<b>2007110000</b>
<b>WS 8/5 MM WS</b>		
WS 8/5 MM WS	800	<b>2007150000</b>

For detailed information on other accessories and application in the online catalogue

Insulating sleeve for flat blade connector 2.8 mm, order no. 0386060000. Cross-connections, see section "W series accessories".

**WDU 2.5 FF 2\*2.8**

**1 mm<sup>2</sup>**

Spade connection left and right



5.1 x 60 x 46.25	F2.8 F2.8	F2.8 F2.8
<b>12 / 1</b>		
<b>...1</b>		

IEC 61210, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
12	16	10	
1	AWG 22...14	AWG 26...12	
6 kV / 3			
/ V-0			
CE			
Rated connection		Plug-in connection	
<b>Note</b>			
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	<b>1021900000</b>
Technical data refer to a 2.8 mm cable lug connector with 1 mm <sup>2</sup> conductor.		

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	<b>1053660000</b>
WQV 2.5/10	32 A 20	<b>1054460000</b>
<b>WAP 2.5-10</b>		
WAP 2.5-10	50	<b>1050000000</b>
WAP 2.5-10 BL	50	<b>1050080000</b>
WAP 16+35 WTW 2.5-10	20	<b>1050100000</b>
WAP 16+35 WTW 2.5-10 BL	20	<b>1050180000</b>
<b>WEW 35/2</b>		
WEW 35/2	50	<b>1061200000</b>
<b>WAD 4 GE BED</b>		
WAD 4 GE BED	50	<b>1072000000</b>
WAD 4 WS	50	<b>1072100000</b>
<b>DEK 5/5 MC NE WS</b>		
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
<b>WS 12/5 MC NE WS</b>		
WS 12/5 MC NE WS	720	<b>1609860000</b>
<b>DEK 5/5 MM WS</b>		
DEK 5/5 MM WS	800	<b>2007110000</b>
<b>WS 8/5 MM WS</b>		
WS 8/5 MM WS	800	<b>2007150000</b>

Insulating sleeve for flat blade connector 2.8 mm, order no. 0386060000. Cross-connections, see section "W series accessories".



## Screw connection with clamping-yoke technology (W-Series) Pluggable terminal blocks

Universal range

A

### WDK 2.5 F

2.5 mm<sup>2</sup>

Spade connection right



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

5.1 x 69.5 x 62.5	F2.8 F2.8
<b>12 / 4</b>	F2.8 F2.8
<b>0.13...4</b>	

IEC 61210, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
12	10	10	
2.5	AWG 22...12	AWG 26...12	
6 kV / 3			
A3 / V-0			

CE G B

Rated connection	Plug-in connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
/ (M 2.5)	
10 / 0.6 x 3.5 mm	

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.

#### Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	
mm/-	

#### Note

#### Ordering data

Version	
	dark beige
	Blue
Note	

#### Accessories

Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
	dark beige
End bracket	
	dark beige
Cover	
	With lightning flash symbol
	Blank, white
Marking tags	

For detailed information on other accessories and application in the online catalogue

### WDK 2.5 FV

2.5 mm<sup>2</sup>

Spade connection right, both levels at one potential



5.1 x 69.5 x 62.5	F2.8 F2.8
<b>12 / 4</b>	F2.8 F2.8
<b>0.13...4</b>	

IEC 61210, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
12	10	10	
2.5	AWG 26...12		
6 kV / 3			
A3 / V-0			

CE G B N

Rated connection	Plug-in connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
/ (M 2.5)	
10 / 0.6 x 3.5 mm	

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	50	<b>1022400000</b>
2.5 mm <sup>2</sup> conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).		

Type	Qty.	Order No.
WDK 2.5 F	50	<b>1021600000</b>
WDK 2.5 F BL	50	<b>1021680000</b>
2.5 mm <sup>2</sup> conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).		

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	<b>1053660000</b>
WQV 2.5/10	32 A 20	<b>1054460000</b>
WAP WDK2.5	20	<b>1059100000</b>
WAP WDK2.5 BL	20	<b>1059180000</b>
WTW EN	20	<b>1058800000</b>
WEW 35/2	50	<b>1061200000</b>
WAD 4 GE BED	50	<b>1072000000</b>
WAD 4 WS	50	<b>1072100000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 8/5 MC NE WS	720	<b>1640740000</b>
DEK 5/5 MM WS	800	<b>2007110000</b>

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	<b>1053660000</b>
WQV 2.5/10	32 A 20	<b>1054460000</b>
WAP WDK2.5	20	<b>1059100000</b>
WAP WDK2.5 BL	20	<b>1059180000</b>
WTW EN	20	<b>1058800000</b>
WEW 35/2	50	<b>1061200000</b>
WAD 4 GE BED	50	<b>1072000000</b>
WAD 4 WS	50	<b>1072100000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 8/5 MC NE WS	720	<b>1640740000</b>
DEK 5/5 MM WS	800	<b>2007110000</b>

Insulating sleeve for flat blade connector 2.8 mm, order no. 0386060000. Cross-connections, see section "W series accessories".

Insulating sleeve for flat blade connector 2.8 mm, order no. 0386060000. Cross-connections, see section "W series accessories".

WDK 2.5 FF

1 mm<sup>2</sup>

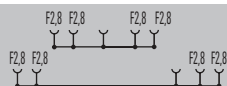
Spade connection left and right



5.1 x 75.5 x 62.5

12 / 1

...1



IEC 61210, In accordance with IEC  
60947-7-1

IEC	UL	CSA	EN 60079-7
400		300	
12		10	
1		AWG 26...12	
6 kV / 3			
/ V-0			

CE N

Rated connection

Plug-in connection

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	50	1021700000

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WAP WDK2.5 BL	20	1059180000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

Insulating sleeve for flat blade connector 2.8 mm, order no. 0398060000.  
Cross-connections, see section "W series accessories".

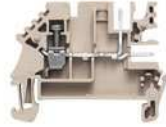


**Screw connection with clamping-yoke technology (W-Series)**  
**Pluggable terminal blocks**

**WDU 1.5 BLZ 5.08 WQV**

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

**Screwable cross-connection**



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

5.08 x 49 x 37	WQV	BLZ 5.08
<b>16 / 4</b>		
<b>0.13...4</b>		BLZ 5.08

IEC 61210, In accordance with IEC 60947-7-1

**Technical data**

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	mm/-

**Note**

**Ordering data**

<b>Version</b>	dark beige
<b>Note</b>	

**Accessories**

Plug-in cross-connection	
	2-pole
	10-pole
Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	Without peg
	With spigot
End bracket	
	dark beige
Mounting block for socket connector	
	Without peg
	With spigot
Plug-in connector	
Marking tags	
Miscellaneous accessories	
	Cover for unused pins

For detailed information on other accessories and application in the online catalogue

**WDU 1.5 BLZ 5.08 ZQV**

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

**Plug-in cross-connection**



5.08 x 49 x 37	ZQV	BLZ 5.08
<b>16 / 4</b>		
<b>0.13...4</b>		BLZ 5.08

IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
16	20	20	
1.5	AWG 26...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	
/ (M 2.5)		/ (M 2.5)	
10 / 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm	

Dimensions with female header BLZ: length 57.5 mm / height 55.5 mm.

Type	Qty.	Order No.
WDU 1.5/ZQV/BLZ 5.08	100	<b>1784460000</b>

2.5 mm<sup>2</sup> conductor with wire-end ferrule with plastic collar, only with order no. 1333100000 (500 pieces).

IEC	UL	CSA	EN 60079-7
250	300	300	
16	20	10	
1.5	AWG 26...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	
/ (M 2.5)		/ (M 2.5)	
10 / 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm	

Dimensions with female header BLZ: length 57.5 mm / height 55.5 mm.

Type	Qty.	Order No.
WDU 1.5/BLZ 5.08	100	<b>1577340000</b>

WDU 1.5 BIA Order no. 1577260000 (100 pcs.). 2.5 mm<sup>2</sup> conductor with wire-end ferrule with plastic collar, only with order No. 1333100000, QTY 500.

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	<b>1053660000</b>
WQV 2.5/10	32 A 20	<b>1054460000</b>
WAP WDU1.5/BLZ	50	<b>1577330000</b>
WAP WDU1.5/BLZ/ZA	50	<b>1577320000</b>
WEW 35/2	50	<b>1061200000</b>
WBB WDU1.5/BL...	10	<b>1068160000</b>
WBB ZA WDU1.5/BL 10/10	10	<b>1068260000</b>
BLZP 5.08HC/04/180 SN OR BX	90	<b>1943600000</b>
BLZP 5.08HC/06/180 SN OR BX	60	<b>1943620000</b>
BLZP 5.08HC/08/180 SN OR BX	42	<b>1943640000</b>
BLZP 5.08HC/04/180F SN OR BX	60	<b>1944110000</b>
BLZP 5.08HC/06/180F SN OR BX	42	<b>1944130000</b>
BLZP 5.08HC/08/180F SN OR BX	36	<b>1944150000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 12/5 MC SDR	144	<b>1609870000</b>
DEK 5/5 MM WS	800	<b>2007110000</b>

The WBB with peg (order number 1068260000) can be used for direct mounting on both sides. Cross-connections, see section "W series accessories".

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	<b>1527540000</b>
ZQV 2.5N/10	24 A 20	<b>1527690000</b>
WAP WDU1.5/BLZ	50	<b>1577330000</b>
WAP WDU1.5/BLZ/ZA	50	<b>1577320000</b>
WEW 35/2	50	<b>1061200000</b>
WBB WDU1.5/BL...	10	<b>1068160000</b>
WBB ZA WDU1.5/BL 10/10	10	<b>1068260000</b>
BLZP 5.08HC/04/180 SN OR BX	90	<b>1943600000</b>
BLZP 5.08HC/06/180 SN OR BX	60	<b>1943620000</b>
BLZP 5.08HC/08/180 SN OR BX	42	<b>1943640000</b>
BLZP 5.08HC/04/180F SN OR BX	60	<b>1944110000</b>
BLZP 5.08HC/06/180F SN OR BX	42	<b>1944130000</b>
BLZP 5.08HC/08/180F SN OR BX	36	<b>1944150000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 12/5 MC SDR	144	<b>1609870000</b>
DEK 5/5 MM WS	800	<b>2007110000</b>
SCHT 7	20	<b>0517960000</b>
SCHT 14/6	20	<b>1269060000</b>
ZGB 30	20	<b>1611930000</b>

The WBB with peg (order number 1068260000) can be used for direct mounting on both sides. Cross-connections, see section "W series accessories".



**Screw connection with clamping-yoke technology (W-Series)**  
**Terminal blocks with electronic components**

Universal range

A

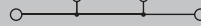
WPO 4

4 mm<sup>2</sup>



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

6 x 60 x 46.5
<b>32 / 4</b>
<b>0.13...4</b>



**Technical data**

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	
	mm/-

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
32	10	10	
4	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			

CE

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

**Note**

The tightening torque is 2 Nm when connecting two conductors.

**Ordering data**

<b>Version</b>	dark beige
<b>Note</b>	

Type	Qty.	Order No.
WPO 4	50	1036000000

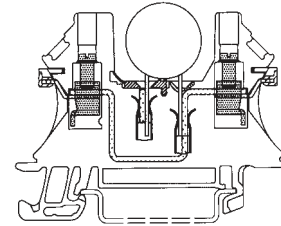
**Accessories**

<b>Intermediate frame</b>	Thickness 2.5 mm
<b>Busbar</b>	1 m
<b>Marking tags</b>	

Type	Qty.	Order No.
ZR WPO4 DB	20	1071100000
SSCH 7.3X1.2X1000	1	1071200000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/5 MC NE WS	720	1609860000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

For detailed information on other accessories and application in the online catalogue

**WPO 4 with varistor**

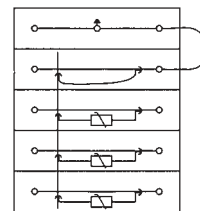


Weidmüller varistor terminals have been designed for the retrofitting of electronic components, e.g. varistors, diodes, gas discharge tubes, etc. These "electronic terminals" no longer have to be configured prior to installation for subsequent delivery with soldered components which can no longer be 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.

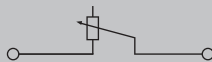
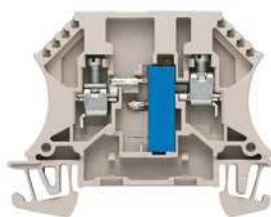
**Note:**  
Never change electronic components under load!



Overvoltages in a 3-phase supply discharged to earth via WPE 4 with the aid of varistors and a gas discharge tube.

WDUL 4/...

4 mm<sup>2</sup>



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

6.5 x 60 x 46.5  
**6 / 6**  
**0.13...6**

### Technical data

<b>Rated data</b>	
Rated voltage	-
Rated current	mA
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	

#### Clamped conductors (H05V/H07V)

Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	mm/-

#### Component potentiometer

Type potentiometer	
Resistance	
Tolerance (%)	

#### Note

### Ordering data

<b>Version</b>	
	10 Ω
	100 Ω
	500 Ω
	1 kΩ
	5 kΩ
	10 kΩ
	50 kΩ
	500 kΩ
	without potentiometer

#### Note

### Accessories

<b>End plate / Partition plate</b>	
	dark beige
	dark beige
<b>End bracket</b>	
	dark beige
<b>Screwdriver</b>	
	With "swifty set" cutting device
	Standard
<b>Shield bus</b>	
<b>Marking tags</b>	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
120			
4			
		/ 3	
		A4 / V-0	

CE

#### Rated connection

0.5...6 / 1.5...6
0.5...4 / 0.5...2.5
/ (M 3)
9 / 0.6 x 3.5 mm

Trim potentiometer, linear

100hm

10%

### Technical data for the 10 Ω compensating resistor

Resistor material: "Cermet"

Resistor setting range: 0...10 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: ≈ 0,4 Ω

Rated output for total resistance: 1 watt at 70 °C

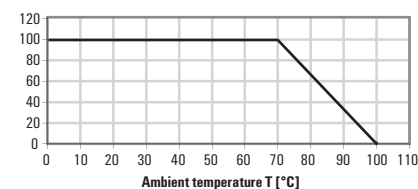
Rated current: 300 mA

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



For detailed information on other accessories and application in the online catalogue





WDK 2.5/D/2

2.5 mm<sup>2</sup>

Suppression circuit e. g. for contactor



5.1 x 69 x 62.5  
1 / 4  
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
1	20	1	
2.5	AWG 22...12	AWG 26...12	
6 kV / 3			
A3 / V-0			
Diode 1N 4007 /			

CE ENE 9A

Rated connection

0.5...4 / 1.5...4

0.5...4

10 / 0.6 x 3.5 mm

1N4007

1A

1300V

0.7V

Type	Qty.	Order No.
WDK 2.5 1D A.2	25	1023300000

2.5 mm<sup>2</sup> conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000

WAP WDK2.5	20	1059100000
------------	----	------------

WEW 35/2	50	1061200000
----------	----	------------

SWIFTY SET	1	9006060000
------------	---	------------

SDS 0.6X3.5X100	1	2749340000
-----------------	---	------------

DEK 5/5 MC NE WS	1000	1609801044
------------------	------	------------

WS 8/5 MC NE WS	720	1640740000
-----------------	-----	------------

DEK 5/5 MM WS	800	2007110000
---------------	-----	------------

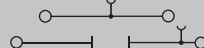
Cross-connections, see section "W series accessories".

WDK 2.5/D/3

2.5 mm<sup>2</sup>



5.1 x 69 x 62.5  
1 / 4  
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
1			
2.5			
6 kV / 3			
A3 / V-0			

CE ENE

Rated connection

0.5...4 / 1.5...4

0.5...4

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDK 2.5/D/3	50	1023100000

2.5 mm<sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000

WAP WDK2.5	20	1059100000
------------	----	------------

WEW 35/2	50	1061200000
----------	----	------------

SWIFTY SET	1	9006060000
------------	---	------------

SDS 0.6X3.5X100	1	2749340000
-----------------	---	------------

DEK 5/5 MC NE WS	1000	1609801044
------------------	------	------------

WS 8/5 MC NE WS	720	1640740000
-----------------	-----	------------

DEK 5/5 MM WS	800	2007110000
---------------	-----	------------

Cross-connections, see section "W series accessories".

WDK 2.5/D/4

2.5 mm<sup>2</sup>

Lamp test circuits



5.1 x 69 x 62.5  
1 / 4  
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300		
1	20		
2.5	AWG 22...12		
6 kV / 3			
A3 / V-0			
Diode 1N 4007 / Diode 1N 4007			

CE ENE 9A

Rated connection

0.5...4 / 1.5...4

0.5...4

10 / 0.6 x 3.5 mm

1N4007

1A

1300V

0.7V

Type	Qty.	Order No.
WDK 2.5 2D 1.A	25	8014670000

2.5 mm<sup>2</sup> conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000

WAP WDK2.5	20	1059100000
------------	----	------------

WEW 35/2	50	1061200000
----------	----	------------

SWIFTY SET	1	9006060000
------------	---	------------

SDS 0.6X3.5X100	1	2749340000
-----------------	---	------------

DEK 5/5 MC NE WS	1000	1609801044
------------------	------	------------

WS 8/5 MC NE WS	720	1640740000
-----------------	-----	------------

DEK 5/5 MM WS	800	2007110000
---------------	-----	------------

Cross-connections, see section "W series accessories".



# Screw connection with clamping-yoke technology (W-Series)

## Terminal blocks with electronic components

Universal range

A

### WDK 2.5/D/5

2.5 mm<sup>2</sup>

Lamp test circuits



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

5.1 x 69 x 62.5
1 / 4
0.05...4

#### Technical data

Rated data	
Rated voltage of feed-through terminal	-
Rated current	A
for wire cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Component 1	

IEC 60947-1			
IEC	UL	CSA	EN 60079-7
400	300	300	
1	20	10	
2.5	AWG 22...12	AWG 26...12	
6 kV / 3			
A3 / V-0			
Diode 1N 4007 / Diode 1N 4007			

#### Clamped conductors (H05V/H07V)

Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Stripping length / Blade size	mm/-

Rated connection	
0.5...4 / 1.5...4	
0.5...4	
10 / 0.6 x 3.5 mm	

#### Component diode

Type diode	
Forward current	
Reverse voltage	
Forward voltage	

1N4007
1A
1300V
0.7V

#### Component LED

Colour	
Voltage, min.	
Voltage, max.	
Current	


#### Component resistor

Resistance	
Power loss	
Tolerance (%)	


#### Note

#### Ordering data

Version	
	dark beige
	dark beige (red LED)
	dark beige (green LED)
Note	

Type	Qty.	Order No.
WDK 2.5 2D 2.A	25	1022600000
2.5 mm <sup>2</sup> conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).		

#### Accessories

Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Screwdriver	
	With "swifty set" cutting device
	Standard
Marking tags	

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

For detailed information on other accessories and application in the online catalogue

Cross-connections, see section "W series accessories".

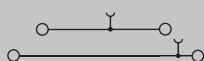
**WDK 2.5/D**

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

For installing electronic components



5.1 x 69.5 x 62.5  
**10 / 4**  
**0.05...4**



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
1			
2.5			
	6 kV / 3		
	A3 / V-0		

CE EMC

**Rated connection**

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDK 2.5/D	100	<b>1023200000</b>

2.5 mm<sup>2</sup> conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	<b>1053660000</b>
WQV 2.5/10	32 A 20	<b>1054460000</b>
WAP WDK2.5	20	<b>1059100000</b>
WEW 35/2	50	<b>1061200000</b>
SWIFTY SET	1	<b>9006060000</b>
SDS 0.6X3.5X100	1	<b>2749340000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 8/5 MC NE WS	720	<b>1640740000</b>
DEK 5/5 MM WS	800	<b>2007110000</b>

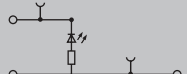
**WDK 2.5 LD +-**

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

DC voltage indicator + / -



5.1 x 69 x 62.5  
**10 / 4**  
**0.13...4**



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24			
2.5			
	0.8 kV / 3		
	A3 / V-0		

CE EMC

**Rated connection**

0.5...4 / 1.5...4  
0.5...4  
10 / 0.6 x 3.5 mm

red  
6V  
24V  
20mA  
4.7kOhm  
0.4W  
1%

Type	Qty.	Order No.
WDK 2.5 LD RT 24VDC +-	25	<b>1023600000</b>
WDK 2.5 LD/GN 1R 24VDC	25	<b>8023610000</b>

2.5 mm<sup>2</sup> conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	<b>1053660000</b>
WQV 2.5/10	32 A 20	<b>1054460000</b>
WAP WDK2.5	20	<b>1059100000</b>
WEW 35/2	50	<b>1061200000</b>
SWIFTY SET	1	<b>9006060000</b>
SDS 0.6X3.5X100	1	<b>2749340000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 8/5 MC NE WS	720	<b>1640740000</b>
DEK 5/5 MM WS	800	<b>2007110000</b>

Cross-connections, see section "W series accessories".

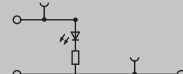
**WDK 2.5 LD - +**

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

DC voltage indicator - / +



5.1 x 69 x 62.5  
**10 / 4**  
**0.13...4**



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24			
2.5			
	0.8 kV / 3		
	A3 / V-0		

CE EMC

**Rated connection**

0.5...4 / 1.5...4  
0.5...4  
10 / 0.6 x 3.5 mm

red  
6V  
24V  
20mA  
4.7kOhm  
0.4W  
1%

Type	Qty.	Order No.
WDK 2.5 LD RT 24VDC - +	25	<b>8023630000</b>
WDK 2.5 LD GR 1R 24VDC	25	<b>8010040000</b>

2.5 mm<sup>2</sup> conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	<b>1053660000</b>
WQV 2.5/10	32 A 20	<b>1054460000</b>
WAP WDK2.5	20	<b>1059100000</b>
WEW 35/2	50	<b>1061200000</b>
SWIFTY SET	1	<b>9006060000</b>
SDS 0.6X3.5X100	1	<b>2749340000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 8/5 MC NE WS	720	<b>1640740000</b>
DEK 5/5 MM WS	800	<b>2007110000</b>

Cross-connections, see section "W series accessories".



**Screw connection with clamping-yoke technology (W-Series)**  
**Mini terminal blocks for enclosure wiring**

Universal range

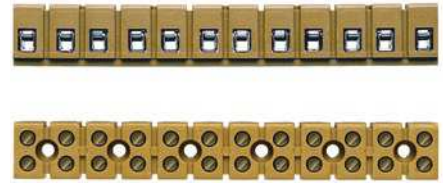
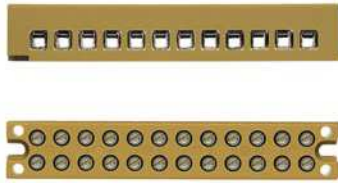
**A**

**MK 2/12**

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

**MK 3/2...12**

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



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

15 x 86 x 15
<b>24 / 4</b>
<b>0.2...4</b>

91.25 x 15 x 16.1
<b>24 / 4</b>
<b>0.33...4</b>

**Technical data**

Rated data	
Rated voltage	
Rated current	
for wire cross-section	
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	
Flexible / Flexible with ferrule	
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
125	300	300	
24	10	10	
2.5	AWG 24...12	AWG 24...12	
2.5 kV / 3			
A2 / V-2			
Rated connection			
0.5...4 / 1.5...2.5			
0.5...2.5 / 0.5...1.5			
/ (M 2.5)			
5 / 0.6 x 3.5 mm			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
400	300	300	
24	20	25	
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			
/ (M 2.5)			
5 / 0.6 x 3.5 mm			

**Note**

**Ordering data**

Sorting of order data TK 1/SAK	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
10-pole	
12-pole	
16-pole	

Type	Height	Mounting	Qty.	Order No.
MK 2/12	86	80	50	<b>0241260000</b>

Type	Height	Mounting	Qty.	Order No.
MK 3/2	15	18.5	100	<b>0273820000</b>
MK 3/3	15	18.5	50	<b>0273920000</b>
MK 3/4	15	18.5	50	<b>0274020000</b>
MK 3/5	15	18.5	50	<b>0274120000</b>
MK 3/6	15	37	50	<b>0274220000</b>
MK 3/7	15	37	50	<b>0274320000</b>
MK 3/8	15	55.5	25	<b>0274420000</b>
MK 3/10	15	74	20	<b>0274620000</b>
MK 3/12	15	92.5	20	<b>0243520000</b>

**Note**

For detailed information on other accessories and application in the online catalogue

**MK 4/16**

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

**MK 6/2...6/6**

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



17 x 103 x 16  
**24 / 4**  
**0.2...4**

23 x 23.5 x 22  
**41 / 6**  
**0.33...6**

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	150	150	
24	15	15	
2.5	AWG 24...12	AWG 22...12	
6 kV / 3			
A2 / 5VA			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
690	300	300	
41	30	40	
6	AWG 22...10	AWG 22...10	
8 kV / 3			
A3 / 5VA			

CE

**Rated connection**

0.5...4 / 1.5...2.5

0.5...2.5 / 0.5...1.5

/(M 2.5)

5 / 0.6 x 3.5 mm

CE

**Rated connection**

0.5...6 / 1.5...6

0.5...6 / 0.5...4

/(M 4)

9 / 4.0 x 0.8 mm

Type	Height	Mounting	Qty.	Order No.
MK 4/16	103	85.5	20	<b>0244220000</b>

Type	Height	Mounting	Qty.	Order No.
MK 6/2	23.5		50	<b>0620420000</b>
MK 6/3	36.5	13	50	<b>0620320000</b>
MK 6/4	49.5	26	20	<b>0620220000</b>
MK 6/6	75.5	52	20	<b>0620120000</b>



## Screw connection with clamping-yoke technology (W-Series)

### Mini terminal blocks for enclosure wiring

**MK 5/2 0.DE**

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

**BK 2...12**

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



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

18 x 40 x 14.2
<b>24 / 4</b>
<b>0.2...4</b>

22 x 92 x 20
<b>32 / 4</b>
<b>0.33...4</b>

#### Technical data

Rated data
Rated voltage
Rated current
for wire cross-section
Rated impulse withstand voltage / Pollution severity
Gauge to IEC 60947-1 / UL 94 flammability rating
Approvals
Clamped conductors (H05V/H07V)
Solid / Stranded
Flexible / Flexible with ferrule
Tightening torque (clamping screw for copper conductors)
Stripping length / Blade size

IEC	UL	CSA	EN 60079-7
500		300	
24		25	
2.5		AWG 20...14	
6 kV / 3			
A2 / 5VA			
CE CB CB			
Rated connection			
0.5...4 / 1.5...2.5			
0.5...2.5 / 0.5...1.5			
/ (M 2.5)			
5 / 0.6 x 3.5 mm			

IEC	UL	CSA	EN 60079-7
400	150	300	
32	20	10	
4	AWG 26...12	AWG 22...12	
6 kV / 3			
A3 / V-0, 5VA			
CE CB CB CB CB CB			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...4			
/ (M 3)			
8 / 4.0 x 0.8 mm			

**Note**

Two solid (single-core) conductors of equal cross-section (0.5 ... 1.5 mm<sup>2</sup>) can be connected.

#### Ordering data

Sorting of order data TK 1/SAK
2-pole
3-pole
4-pole
6-pole
12-pole

Type	Height	Mounting	Qty.	Order No.
MK 5/2 0.DE	40	32	100	<b>0243820000</b>

Type	Height	Mounting	Qty.	Order No.
BK 2 CRN	20		100	<b>0624720000</b>
BK 3 CRN	31	11	100	<b>0624920000</b>
BK 4 CRN	38	18	100	<b>0625120000</b>
BK 6 CRN	52	32	50	<b>0625220000</b>
BK 12 CRN	92	72.5	25	<b>0625320000</b>

**Note**

#### Accessories

Lid / cover

Type	Qty.	Order No.
D 2 MK5/2 PA/NA	50	<b>0244060000</b>

For detailed information on other accessories and application in the online catalogue



**Screw connection with clamping-yoke technology (W-Series)**  
**Mini terminal blocks for enclosure wiring**

Universal range

**A**

**BK 2...12/E**

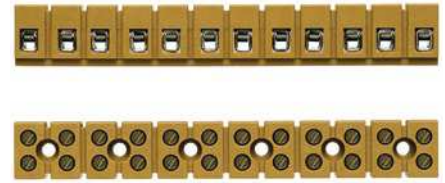
**4 mm<sup>2</sup>**

**Solid / stranded**  
**Flexible / flexible with wire-end ferrule**



**MK 3/2...12/E**

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



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

22 x 92 x 20
<b>32 / 4</b>
<b>0.33...4</b>

15 x 110 x 16.1
<b>24 / 4</b>
<b>0.33...4</b>

**Technical data**

Rated data	
Rated voltage	400
Rated current	32
for wire cross-section	4
Rated impulse withstand voltage / Pollution severity	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0, 5VA
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	0.5...4 / 1.5...4
Flexible / Flexible with ferrule	0.5...4 / 0.5...4
Tightening torque (clamping screw for copper conductors)	/ (M 3)
Stripping length / Blade size	8 / 4.0 x 0.8 mm

IEC 60947-7-1	Ex eb II C GbII 2 G D		
IEC	UL	CSA	EN 60079-7
400	150	300	275
32	20	10	28
4	AWG 26...12	AWG 22...12	4 mm <sup>2</sup>
6 kV / 3			
A3 / V-0, 5VA			
BAS 98ATEX3084 U			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...4			
/ (M 3)			
8 / 4.0 x 0.8 mm			

IEC 60947-7-1	Ex eb II C GbII 2 G D		
IEC	UL	CSA	EN 60079-7
400	300	300	275
24	20	25	24
2.5	AWG 22...12	AWG 22...12	4 mm <sup>2</sup>
6 kV / 3			
A2 / 5VA			
BAS 99ATEX2124 U			
Rated connection			
0.5...4 / 1.5...2.5			
0.5...2.5 / 0.5...1.5			
/ (M 2.5)			
5 / 0.6 x 3.5 mm			

**Note**

Two solid (single-core) conductors of equal cross-section (0.5 ... 1.5 mm<sup>2</sup>) can be connected.

**Ordering data**

Sorting of order data TK 1/SAK	
2-pole	BK 2/E
3-pole	BK 3/E
4-pole	BK 4/E
5-pole	BK 5/E
6-pole	BK 6/E
8-pole	BK 8/E
12-pole	BK 12/E
Note	

Type	Height	Mounting	Qty.	Order No.
BK 2/E	20		100	<b>7906040000</b>
BK 3/E	31	11	100	<b>7906060000</b>
BK 4/E	38	18	100	<b>7906080000</b>
BK 6/E	52	32	50	<b>7906090000</b>
BK 12/E	92	72.5	25	<b>7906100000</b>

Type	Height	Mounting	Qty.	Order No.
MK 3/2/E	15	18.5	100	<b>7906110000</b>
MK 3/3/E	15	18.5	50	<b>7906120000</b>
MK 3/4/E	15	18.5	50	<b>7906130000</b>
MK 3/6/E	15	37	50	<b>7906150000</b>
MK 3/8/E	15	55.5	25	<b>7906170000</b>
MK 3/12/E	110	92.5	20	<b>7906210000</b>

For detailed information on other accessories and application in the online catalogue

MK 6/2...6/E

6 mm<sup>2</sup>



23 x 23.5 x 22  
41 / 6  
0.33...6

IEC 60947-7-1

Ex eb II C Gbll 2 G D



IEC	UL	CSA	EN 60079-7
690	300		440
41	30		36
6	AWG 22...10		6 mm <sup>2</sup>

8 kV / 3

A3 / 5VA

CE ENE KEMA Ex

BAS 99ATEX2123 U

**Rated connection**

0.5...6 / 1.5...6

0.5...6 / 0.5...4

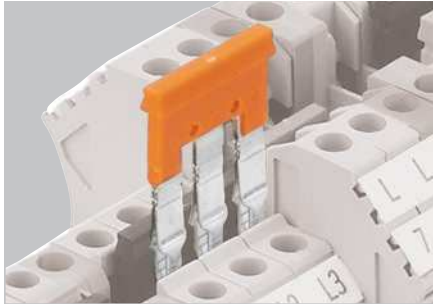
/ (M 4)

9 / 4.0 x 0.8 mm

Type	Height	Mounting	Qty.	Order No.
MK 6/2/E	23.5		50	7906220000
MK 6/3/E	36.5	13	50	7906230000
MK 6/4/E	49.5	26	20	7906240000
MK 6/5/E	62.5	26	20	7906250000
MK 6/6/E	75.5	52	20	7906260000



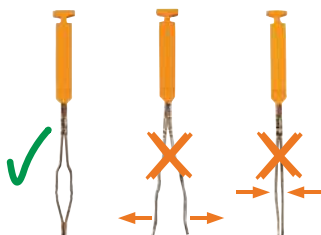
# ZQV plug-in cross-connection



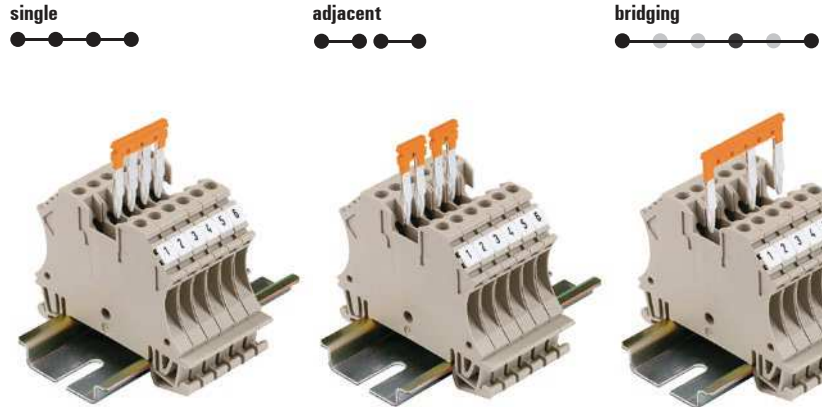
Weidmüller is the leading manufacturer of plug-in cross connection systems for screw clamp terminals. The plug-in cross-connections stand out with their easy handling and quick assembly, resulting in considerable time savings compared to screwed assembly solutions. This also ensures that all poles remain securely in contact.

### Assembly / Technical information

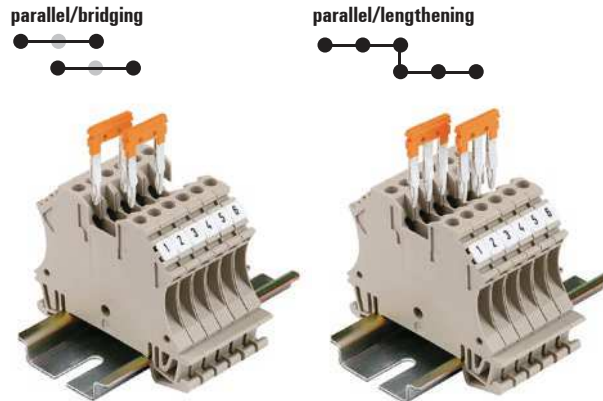
- The ZQV is pressed into the cross-connection channel by hand.
- **Important!** Ensure that the ZQV is pressed right in. The cross-connection must not protrude out of the cross-connection channel.
- To replace or remove, simply lever out with a screwdriver.
- Reduced rated voltage 400 V
- Different 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

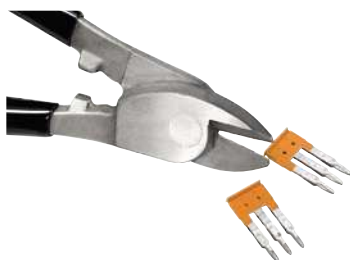
Terminal type	Cross-connector	single	adjacent	bridging	parallel bridging	parallel lengthening
<b>Standard</b>						
WDU 1.5/ R3.5	ZQV 1.5/ R3.5	•	•	•		
WDK 1.5/ R3.5	ZQV 1.5/ R3.5	•	•	•		
WDU 2.5/1.5/ZR	ZQV 2.5N	•	•	•	•	•
WDU 2.5	ZQV 2.5N	•	•	•	•	•
WDK 2.5 ZQV	ZQV 2.5N	•	•	•		
WTR 2.5/ZZ	ZQV 2.5	•	•	•		
WDU 4	ZQV 4N	•	•	•	•	•
WTR 4...	ZQV 4N	•	•	•		
WDU/PE/4ZZ/ZR	ZQV 4N	•	•	•	•	•
WTR 4/ZZ/ZR	ZQV 4N	•	•	•		
<b>Compact</b>						
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	•	•	•		



#### 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.

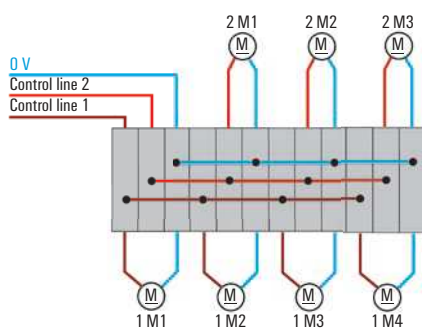
More than 20 poles in a row are not recommended because of the resulting tolerances in the terminals.



#### 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!** By using manually cut ZQV and cross-connections with blank cut edges (> 10 poles) the voltage reduces to 25 V.

Screw connection with clamping-yoke technology (W-Series)  
Accessories - Potential distribution

Continuous cross-connection

ZQV 2.5N

ZQV 4N

Universal range

A



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
Note	

24			
Type	Qty.	Order No.	
ZQV 2.5N/2	60	1527540000	
ZQV 2.5N/3	60	1527570000	
ZQV 2.5N/4	60	1527590000	
ZQV 2.5N/5	20	1527620000	
ZQV 2.5N/6	20	1527630000	
ZQV 2.5N/7	20	1527640000	
ZQV 2.5N/8	20	1527670000	
ZQV 2.5N/9	20	1527680000	
ZQV 2.5N/10	20	1527690000	
ZQV 2.5N/20	20	1527720000	

32			
Type	Qty.	Order No.	
ZQV 4N/2	60	1527930000	
ZQV 4N/3	60	1527940000	
ZQV 4N/4	60	1527970000	
ZQV 4N/5	60	1527980000	
ZQV 4N/6	20	1527990000	
ZQV 4N/7	20	1528020000	
ZQV 4N/8	20	1528030000	
ZQV 4N/9	20	1528070000	
ZQV 4N/10	20	1528090000	



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
Note	

24			
Type	Qty.	Order No.	
ZQV 2.5N/2 BL	60	1527740000	
ZQV 2.5N/3 BL	60	1527770000	
ZQV 2.5N/4 BL	60	1527780000	
ZQV 2.5N/5 BL	20	1527790000	
ZQV 2.5N/6 BL	20	1527820000	
ZQV 2.5N/7 BL	20	1527830000	
ZQV 2.5N/8 BL	20	1527840000	
ZQV 2.5N/9 BL	20	1527870000	
ZQV 2.5N/10 BL	20	1527880000	
ZQV 2.5N/20 BL	20	1527890000	

32			
Type	Qty.	Order No.	
ZQV 4N/2 BL	60	1528040000	
ZQV 4N/3 BL	60	1528080000	
ZQV 4N/4 BL	60	1528120000	
ZQV 4N/5 BL	60	1528140000	
ZQV 4N/6 BL	20	1528170000	
ZQV 4N/7 BL	20	1528180000	
ZQV 4N/8 BL	20	1528190000	
ZQV 4N/9 BL	20	1528220000	
ZQV 4N/10 BL	20	1528230000	



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
Note	

24			
Type	Qty.	Order No.	
ZQV 2.5N/2 RD	60	2108470000	
ZQV 2.5N/3 RD	60	2108690000	
ZQV 2.5N/4 RD	60	2108700000	
ZQV 2.5N/5 RD	20	2108710000	
ZQV 2.5N/6 RD	20	2108720000	
ZQV 2.5N/7 RD	20	2108810000	
ZQV 2.5N/8 RD	20	2108870000	
ZQV 2.5N/9 RD	20	2108900000	
ZQV 2.5N/10 RD	20	2108910000	
ZQV 2.5N/20 RD	20	2108920000	

32			
Type	Qty.	Order No.	
ZQV 4N/2 RD	60	2460450000	
ZQV 4N/3 RD	60	2460810000	
ZQV 4N/4 RD	60	2460800000	
ZQV 4N/5 RD	60	2460790000	
ZQV 4N/6 RD	20	2460780000	
ZQV 4N/7 RD	20	2460770000	
ZQV 4N/8 RD	20	2460760000	
ZQV 4N/9 RD	20	2460750000	
ZQV 4N/10 RD	20	2460740000	



## 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.

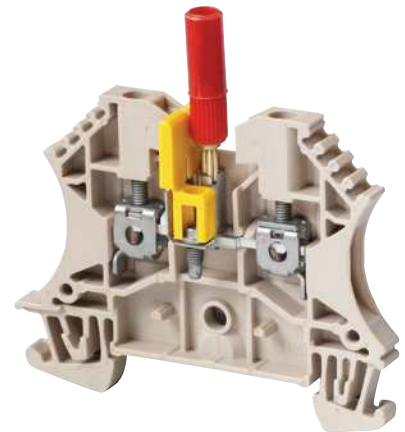


- Then insert the WQV without fixing screw and insulated part. At the same time, insert an unmodified WQV in parallel so as to produce an overlap at the connection. The connection is screwed tight using the fixing screw of the unmodified WQV.



### Routing 2 potentials in parallel

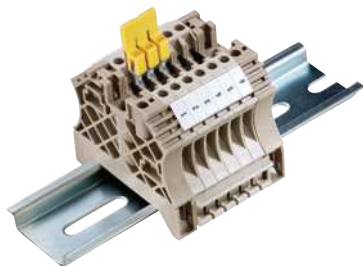
- In spite of only having 1 channel, the QV cross-connection system can still be used for offset cross-connections. See the photo “parallel bridging” (see on the next page).



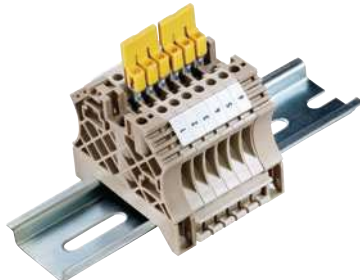
Potential distribution – possible combinations

In one cross-connection channel

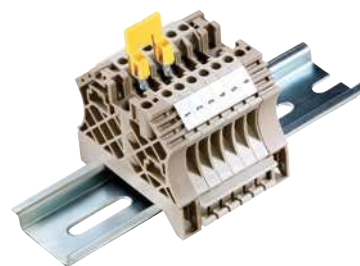
single



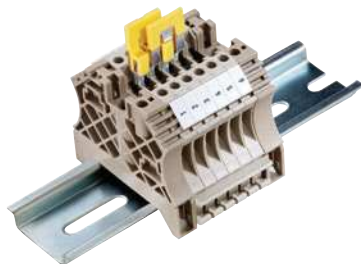
adjacent



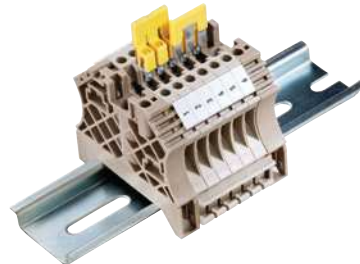
bridging



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	•	•	•	•	•



Screw connection with clamping-yoke technology (W-Series)  
Accessories - Potential distribution

Universal range

A

WQV 2.5



<b>Technical data</b>	
Rated current	A
<b>Ordering data</b>	
2-pole	
3-pole	
4-pole	
5-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
15-pole	
20-pole	
32-pole	
<b>Note</b>	

32		
<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
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

WQV 4



41		
<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
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

WQV 6



57		
<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
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

WQV 35N



<b>Technical data</b>	
Rated current	A
<b>Ordering data</b>	
2-pole	
3-pole	
4-pole	
5-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
15-pole	
20-pole	
32-pole	
<b>Note</b>	

125		
<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WQV 35N/2	20	1079200000
WQV 35N/3	20	1079300000
WQV 35N/4	20	1079400000

WQV 50N



150		
<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WQV 50N/2	5	1834060000
WQV 50N/3	5	1834070000
WQV 50N/4	5	1834080000
WQV 50N/5	5	2004960000
WQV 50N/5/3/1	5	1469080000

WQV 70N



192		
<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WQV 70N/2	5	9512240000
WQV 70N/3	5	9512250000
WQV 70N/4	5	9531290000
WQV 70N/5/3/1	5	1393020000

WQV 10



63		
Type	Qty.	Order No.
WQV 10/2	50	1052560000
WQV 10/3	50	1054960000
WQV 10/4	50	1055060000
WQV 10/10	20	1052460000

WQV 16



101		
Type	Qty.	Order No.
WQV 16/2	50	1053260000
WQV 16/3	50	1055160000
WQV 16/4	50	1055260000
WQV 16/10	10	1053360000

WQV 16N



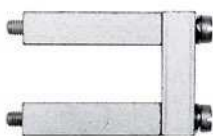
76		
Type	Qty.	Order No.
WQV 16N/2	50	1636560000
WQV 16N/3	50	1636570000
WQV 16N/4	50	1636580000

WQV 35



112		
Type	Qty.	Order No.
WQV 35/2	50	1053060000
WQV 35/3	50	1055360000
WQV 35/4	50	1055460000
WQV 35/10	10	1053160000

WQV 70/95



232		
Type	Qty.	Order No.
WQV 70/95/2	5	1063500000
WQV 70/95/3	5	1063600000

WQV 95N/120N



269		
Type	Qty.	Order No.
WQV 95N/120N/2	5	1826890000
WQV 95N/120N/3	5	1826900000
WQV 95N/120N/4	5	1826910000
WQV 95N/120N/5/3/1	5	1469090000

WQV 120



269		
Type	Qty.	Order No.
WQV 120/2	5	1063300000
WQV 120/3	5	1063400000



Screw connection with clamping-yoke technology (W-Series)  
Accessories - Potential supply

Universal range

A

Screwable QV

Q AKZ 4 SS



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
10-pole	
20-pole	
Note	

32		
Type	Qty.	Order No.
Q 2 AKZ4SS	50	0369000000
Q 10 AKZ4SS	20	0369300000
Note		

Q / DLI



24		
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
Note		

Q AKZ 1.5



24		
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
Note		

Screwable QV

Q AKZ 4



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
10-pole	
20-pole	
Note	

24		
Type	Qty.	Order No.
Q 2 AKZ4	50	0336400000
Q 3 AKZ4	50	0336500000
Q 4 AKZ4	50	0336600000
Q 10 AKZ4	20	0368600000
Note		

Q / WDL



24		
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
Note		

Potential supply with cross-section reduction

Feed-in via output terminal

**WDU 35**

onto WDU 10



Technical data	
Rated current	A
Tightening torque	-
Ordering data	
	2-pole
	3-pole
	6-pole
Note	

to WDU 35		to WDU 10	
Rated current		57	
Tightening torque		0.6...1.2	
Type	Qty.	Order No.	
WQV 35-10	10	1068000000	
Note			

**WDU 35**

onto WDU 2.5



to WDU 35		to WDU 2.5	
Rated current		41	
Tightening torque		0.4...0.8	
Type	Qty.	Order No.	
WQV 35-2.5	10	1064100000	
Note			

Feed-in via output terminal

**WDU 16**

WDU 2.5



Technical data	
Rated current	A
Tightening torque	-
Ordering data	
	2-pole
	3-pole
	6-pole
Note	

to WDU 16		to WDU 2.5	
Rated current		76	
Type	Qty.	Order No.	
WQV 16-2.5	10	1063900000	
Note			

**WDU 16N**

WDU 2.5



to WDU 16N		to WDU 2.5	
Rated current		76	
Type	Qty.	Order No.	
WQV 16N-2.5	10	1073100000	
Note			

**WDU 16N**

WDU 4 / WDU 6



to WDU 16N		to WDU 4 / 6	
Rated current		57	
Type	Qty.	Order No.	
WQV 16N-4/6	10	1072500000	
Note			

Feed-in via output terminal

**WDU 10**

WDU 2.5



Technical data	
Rated current	A
Tightening torque	-
Ordering data	
	2-pole
	3-pole
	6-pole
Note	

to WDU 10		to WDU 2.5	
Rated current		57	
Type	Qty.	Order No.	
Q WDU 10-2.5 SET	10	1859620000	
Note			

**WDU 6**

WDU 2.5



to WDU 6		to WDU 2.5	
Rated current		41	
Type	Qty.	Order No.	
Q WDU 6-2.5 SET	10	1859600000	
Note			

**Note**

Cross-connectors reducing the cross-section may not be used in ATEX applications.

Screw connection with clamping-yoke technology (W-Series)  
 Accessories - Potential supply

Feed-in via output terminal

WDU 10

WDU 4



to WDU 10		to WDU 4	
Technical data			
Rated current	-		
Tightening torque	-		
Ordering data			
Type	Qty.	Order No.	
Q WDU10-4 SET	10	1859610000	
2-pole			
3-pole			
6-pole			
Note			

WDU 35

WDU 4 / WDU 6



to WDU 35		to WDU 4 / 6	
Technical data			
Rated current	41		
Tightening torque	0.5...1		
Ordering data			
Type	Qty.	Order No.	
WQV 35-4/6	10	1064200000	
Note			

WDU 16

WDU 4 / WDU 6



to WDU 16		to WDU 4 / 6	
Technical data			
Rated current	76		
Ordering data			
Type	Qty.	Order No.	
WQV 16-4/6	10	1064000000	
Note			

Universal range

A





**A**

**Universal range**

**Screw connection with clamping-yoke technology (W-Series)**  
**Accessories - Testing / checking**

Universal range

**A**

**Test adapter**

**WTA 1**



**WTA 2**



**WTA 3**



Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
for wire 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	
Note	

5 / / 66.1			
6			
IEC	UL	CSA	
250	0		
6	0		
1.5	LEER		
Type	Qty.	Order No.	
WTA 1 WDU1.5	25	1632290000	
WTA 1/ZA WDU1.5	25	1632300000	
Note			

5 / / 66.1			
6			
IEC	UL	CSA	
250	0		
6	0		
1.5	LEER		
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	
Note			

6 / / 66.1			
6			
IEC	UL	CSA	
250	0		
6	0		
1.5	LEER		
Type	Qty.	Order No.	
WTA 3 WDU4	25	1632350000	
WTA 3/ZA WDU4	25	1632360000	
Note			

**Test adapter**

**WTA 6**



**WTA 7**



Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
for wire 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	
Note	

5 / / 66.1			
6			
IEC	UL	CSA	
250	0		
6	0		
1.5	LEER		
Type	Qty.	Order No.	
WTA 6 WTR2.5	25	1632380000	
WTA 6/ZA WTR2.5	25	1632390000	
Note			

6 / / 68.15			
6			
IEC	UL	CSA	
250	0		
6	0		
1.5	LEER		
Type	Qty.	Order No.	
WTA 7 WSI6	25	1650210000	
Note			

### WTA 4N



5 / 55		
6		
IEC	UL	CSA
250	0	
6	0	
1.5	LEER	
0.5...1.5		
1...1.5		
Type	Qty.	Order No.
WTA 4N WDK 2.5	25	1878660000
WTA 4N/ZA WDK 2.5	25	1879350000

### WTA 5



5 / 17		
8		
IEC	UL	CSA
250	0	
6	0	
0.75	LEER	
0.5...1		
1...1		
Type	Qty.	Order No.
WTA 5/1	25	1051260000
WTA 5/10	5	1062060000

### Test adapter

Dimensions	
Width / Length / Height	mm
Stripping length	-
Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm <sup>2</sup>
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	-
Ordering data	
	beige
	green
Note	

### WTA 8



6 / 39		
IEC	UL	CSA
205	0	
6	0	
1.5	LEER	
0.5...2.5		
Type	Qty.	Order No.
WTA 8 TN	25	1915450000
WTA 8 KO-TN	25	1915480000



**Screw connection with clamping yoke technology (W-Series)  
Accessories – Specific functions and variations**

**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 with fingers or screwdriver.

**SIHA 1**



without LED		Qty.	Order No.
SIHA1/G20	400 V	1	9537550000
with LED (rot)			
SIHA1/G20	10 - 36 V	1	9537560000

**For test-disconnect terminal versions**

WTR 2.5/ZZ

**SIHA 3**



without LED		Qty.	Order No.
SIHA3/G20	400 V	1	7921560000
with LED (rot)			
SIHA3/G20	10 - 36 V	1	7921570000
	35 - 70 V	1	7921580000
	60 - 150 V	1	7921590000
	140 - 250 V	1	7921600000

**For test-disconnect terminal versions**

WTR 4  
WTR 4/ZZ  
WTR 4/ZR  
WTR 2,5

**SIHA STRAP**



with strap		Qty.	Order No.
SIHA STRAP		20	9537680000

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

### PEN bridges

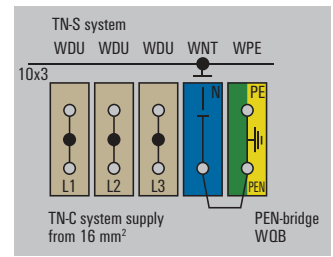
Energy distribution for machines or in buildings usually consists of 5-conductor systems (TN-S). By contrast, energy supply mains are frequently rated as 4-conductor connection. A PEN bridge joins separate PE and N conductors into one PEN conductor, creating the transition from a TN-S to a TN-C system.

#### 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

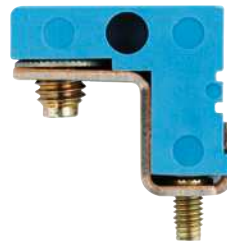
Special external cross-connections (WQB-PEN) are available for neutral conductor test-disconnect terminals (WNT). These establish contact between the NT and PE terminals. This results in an earthed neutral conductor with protection function in three-phase systems.



### External PEN bridge



### Inside PEN bridge



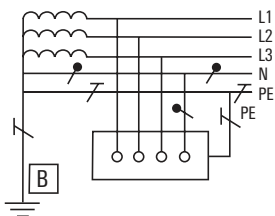
### WQB-PEN ...

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

Typ	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:

