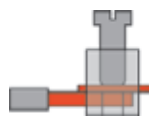


Terminals, W-Series

Terminals, W-Series	Overview W-Series	E.2
	Feed-through terminals	E.4
	Double level terminals	E.14
	Modular PE terminals	E.19
	Modular disconnect terminals	E.29
	Fuse terminals	E.35
	Installation terminals	E.40
	Disconnect test terminals	E.48
	Terminals with spring-loaded cable clamps	E.56
	Initiator and actuator terminals	E.64
	Motor connection terminals	E.68
	Plug-in modular terminals	E.70
	Terminals for temperature measuring circuits	E.74
	Terminals for retrofitting of electronic components	E.75
	Terminals with electronic components	E.76
Terminals, TS 15	Mini terminals TS 15	E.80
Stud terminals	Overview Stud terminals – WF/WFF	E.84
	Overview Stud terminals – ST 4000	E.86
	Single-/twin stud terminals – WF/WFF	E.88
	Twin stud terminals – ST 4000	E.94
Accessories	Accessories W-Series	E.96
Terminals, SAK-Series	Overview SAK-Series	E.126

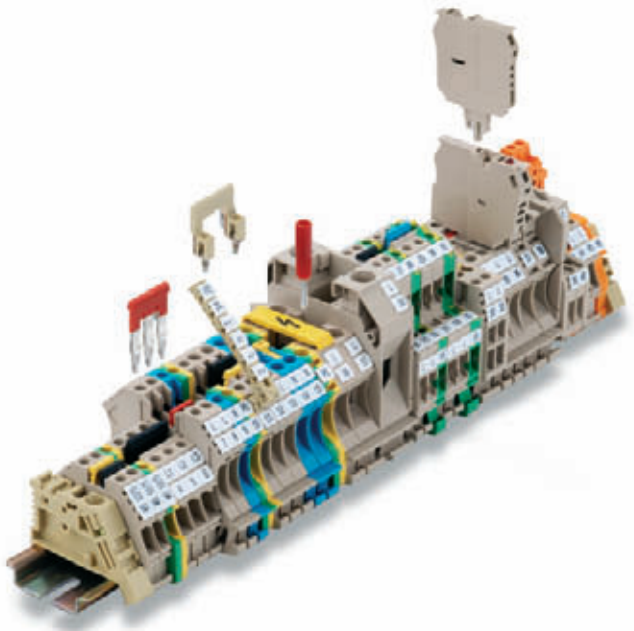
W-Series / Screw connection with clamping yoke



For a long time now, Weidmüller's W-Series terminal with screw clamp connection technology, has set the standard. With many advantages, the W-Series remains market leader and unsurpassed.

The W-Series offers solutions for conductor cross-sections from 0.06 to 300 mm² and for all common electrical functions. Another advantage is the choice of plug-in (ZQV) or screw-in (WQV) cross-connections within one modular terminal. It brings considerable time savings compared to all other screw terminals on the market.

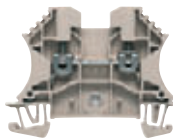
Thanks to the patented design of Weidmüller's W-Series screw connection technology it is possible for two conductors of the same cross-section to be connected in one and the same clamping point without difficulty.



Design

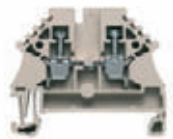
W-standard

- Same contour design from 2.5 to 10 mm²
- Conductor sizes from 0.05 to 300 mm²
- Large clamping range



W-compact

- Smaller size
- Identified by an "N" in the type designation
- Conductor sizes from 0.13 to 150 mm²



Product overview

Rated cross-section	1.5 mm²		2.5 mm²		4 mm²		6 mm²		10 mm²		16 mm²		35 mm²	
	standard	compact	standard	compact	standard	compact	standard	compact	standard	compact	standard	compact	standard	compact
Feed-through terminals														
2 connections	•	•	•	•	•	•	•		•		•	•	•	•
3 and 4 connections	•	•	•	•	•	•			•					
PE terminals														
2 connections	•	•	•	•	•	•	•		•		•	•	•	•
3 and 4 connections	•		•	•	•	•			•					
Fuse terminals			•		•		•		•		•			
Disconnect terminals	•		•		•									
3 and 4 connections			•		•									
Disconnect test terminals					•		•							
3-conductor installation terminals	•		•		•									
N-conductor disconnect terminals	•		•		•		•		•		•			•
Pluggable terminals	•		•		•									
Initiator/actuator terminals	•		•		•									
Terminals with electronic components	•		•		•	•								
Miniature terminals TS 15	•													

Rated cross-section	50 mm²		70 mm²		95 mm²		120 mm²		150 mm²		240 mm²			
	standard	compact	standard	compact	standard	compact	standard	compact	standard	compact	standard	compact		
Feed-through terminals		•		•	•	•	•	•	•		•			
PE terminals		•		•	•	•	•	•	•					
N-conductor disconnect terminals					•									

1 The connection

Separation of electrical and mechanical function thus providing galvanic isolation.

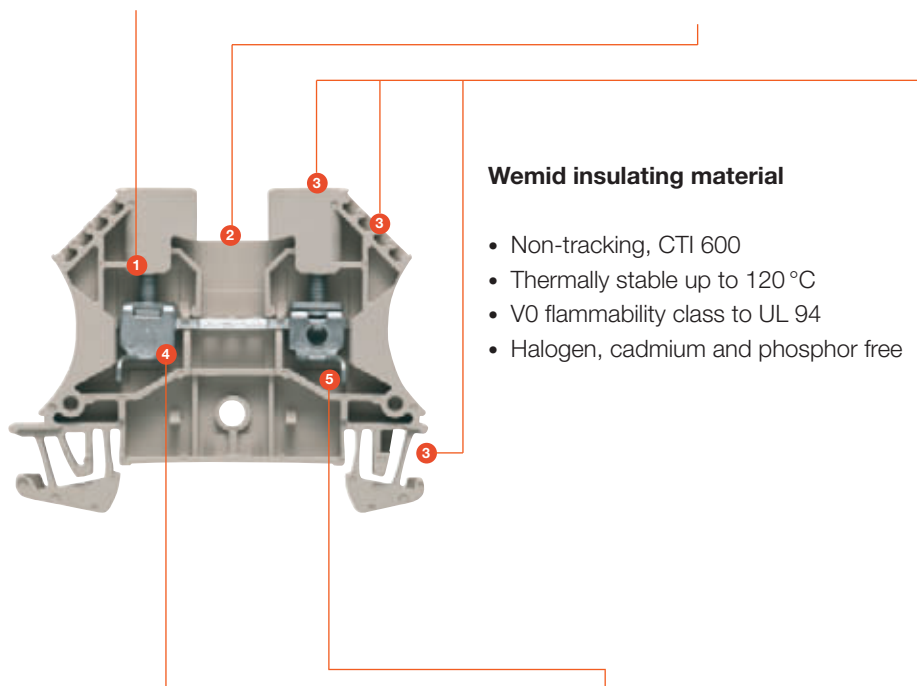
- Hardened steel screw clamp technology.
- Busbar of copper for low through resistance.
- Tin-plated surface for minimum contact resistances

2 Cross-connections, also pluggable

- Screw-in or plug-in cross-connections as required
- For screw terminals, the pluggable cross-connection (ZQV) is unique, with considerable time savings
- Cross-connections with up to 10 poles available as standard for 2.5 and 4
- 20-pole cross-connections (ZQV) available for custom fabrication

3 Easy to use

- Can be clipped to or removed from the terminal rail in either direction
- Features captive screw.
- Recessed clamping screw position provides guide for screwdriver
- All parts fitted captive within the terminal
- Numerous labelling options



Wemid insulating material

- Non-tracking, CTI 600
- Thermally stable up to 120 °C
- V0 flammability class to UL 94
- Halogen, cadmium and phosphor free

Common profiles

- Identical size from 2.5 to 10 mm²
- Minimum number of different accessories = lower costs and better logistics
- Easy planning

Standards and directives

The reliable contact and dependability of the Weidmüller systems are verified by:

- Type tests to IEC 60947-7-1/-2/-3
- National and international approvals
- A large portfolio of UL and CSA approvals
- W-Series certified for railway applications (see chapter on stud terminals)
- ATEX approval (see certificate on Weidmüller website)
- All materials checked for conformity with the latest environmental directives and RoHS requirements

4 Reliable contact

- W-Series offers galvanic isolation by providing a steel screw clamp technology for mechanical function, with copper busbar for low through resistance and electrical function.
- No maintenance: no need to retighten the clamping screw
- Vibration-proof connection: many W-terminals certified for railway use to EN 61373
- Highest contact force of all connection systems

5 Safe to use

- Shock protection with connected conductors, even when cross-connected.
- Terminals supplied with open clamping point. In addition, the misplugging safeguard prevents conductors from being inserted incorrectly
- Embossing on clamping yoke and current bar engage so that even the smallest conductors are reliably clamped; large conductors and also 2 conductors are gripped in the middle



Feed-through terminals

Identical profiles from 2.5 to 10 mm² with uniform end and partition plates. An unsurpassed combination of many advantages!

Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

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

Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version
dark beige Wemid
blue Wemid

Note

Accessories

Cross-connection, pluggable	
	
2-pole	
3-pole	
4-pole	
10-pole	
20-/24-pole	

Cross-connection (screwed)	
	
2-pole	
3-pole	
4-pole	
10-pole	

End plate / Partition plate	
End plate	dark beige Wemid
	blue Wemid
Partition plate	dark beige Wemid
	blue Wemid

End bracket	
	dark beige

Testing / Checking	
For testing wired terminal strips	Standard
	with spigot

Cover	
	with lightning flash symbol
	blank

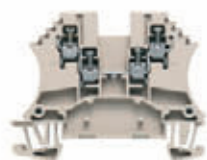
Marking systems	
(see large assortment in catalogue 7)	
	Marking tags

For detailed information on other accessories and applications see "Accessories"

WDU 1.5/ZZ

1.5 mm²

Twin connection



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

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

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

 KEMA 98ATEX1685 U

Rated connection	further connection
0.5...2.5...2.5	
0.5...1.5 / 0.5...1.5	
0.4...0.6 (M 2.5)	
7 / 0.6 x 3.5	

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

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

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

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

Current [A]	
WQV 2.5/2	32 50
WQV 2.5/3	32 50
WQV 2.5/4	32 50
WQV 2.5/10	32 20

width [mm]	
WAP 2.5-10	1.5 50
WAP 2.5-10 BL	1.5 50
WAP 16+35 WTW 2.5-10	1.5 20
WAP 16+35 WTW 2.5-10 BL	1.5 20

width [mm]	
WEW-35/2	8 100

WTA 2 WDU2.5-10	25	1632320000
WTA 2/ZA WDU2.5-10	25	1632330000

WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000

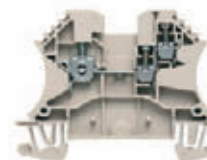
width [mm]	
WS 12/5	

Socket and test plug, see section W-series accessories

WDU 2.5/1.5/ZR

2.5 mm²

Supplementary connection, right



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

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

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

 KEMA 98ATEX1685 U

Rated connection	further connection
0.5...4 / 1.5...4	0.5...2.5 / 1.5...2.5
0.5...4 / 0.5...2.5	0.5...1.5 / 0.5...1.5
0.4...0.6 (M 2.5)	0.4...0.6 (M 2.5)
10 / 0.6 x 3.5	7 / 0.6 x 3.5

0.5...1	0.5...1
0.5...1.5 / 0.5...1.5	0.5...1 / 0.5...0.75

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

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

Rated voltage 400 V when using the cross-connection ZQV, further connection (right 1.5 mm²).

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

Current [A]	
WQV 2.5/2	32 50
WQV 2.5/3	32 50
WQV 2.5/4	32 50
WQV 2.5/10	32 20

width [mm]	
WAP 2.5-10	1.5 50
WAP 2.5-10 BL	1.5 50
WAP 16+35 WTW 2.5-10	1.5 20
WAP 16+35 WTW 2.5-10 BL	1.5 20

width [mm]	
WEW-35/2	8 100

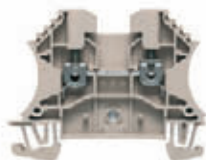
WTA 2 WDU2.5-10	25	1632320000
WTA 2/ZA WDU2.5-10	25	1632330000

WAD 5 M. BL.	50	1053460000
WAD 5 NEUTRAL	50	1056060000

width [mm]	
WS 12/5	

2.5 / 1 mm² conductor when using the WQB

WDU 2.5

2.5 mm²

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



IEC 60947-7-1

Ex e II Ex II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	25	20	21
2.5	AWG 30... 12	AWG 26... 12	2.5
8 / 3			
A3 / V-0			



KEMA 98ATEX1683 U

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

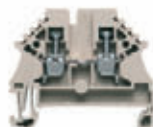
0.5...1.5
0.5...1.5 / 0.5...1.5

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

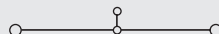
WDU 2.5N

2.5 mm²

with screw cross-connection
Compact design



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



IEC 60947-7-1

Ex e II Ex II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	440
24	10	20	21
2.5	AWG 30... 12	AWG 26... 12	2.5
6 / 3			
A3 / V-0			



KEMA 98ATEX1683 U

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

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

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

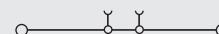
WDU 2.5N/ZQV

2.5 mm²

with plug-in cross-connection
Compact design



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



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
24	20	20	
2.5	AWG 30... 12	AWG 26... 12	
6 / 3			
A3 / V-0			



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

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

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

Type	Qty.	Order No.
WDU 2.5	100	1020000000
WDU 2.5 BL	100	1020080000
Rated voltage 400V when using cross-connection ZQV See section W-series accessories for colours available.		

Type	Qty.	Order No.
WDU 2.5N	100	1023700000
WDU 2.5N BL	100	1023780000
For colours available see section W-series accessories Specific functions		

Type	Qty.	Order No.
WDU 2.5N ZQV	100	1040800000
WDU 2.5N ZQV BL	100	1040880000
Rated voltage 400 V when using the cross-connection ZQV.		

Type	Current [A]	Qty.	Order No.
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000
ZQV 2.5N/20 GE	24	20	1909000000
Current [A]			
WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/10	32	20	1054460000
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 2.5-10 BL	1.5	50	1050080000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5	20	1050180000
width [mm]			
WEW-35/2	8	100	1061200000
WTA 2 WDU2.5-10	25		1632320000
WTA 2/ZA WDU2.5-10	25		1632330000
WAD 5 M. BL.	50		1053460000
WAD 5 NEUTRAL	50		1056060000

WS 12/5

Socket and test plug, see section W-series accessories Note: max. 2.5 mm² when using WQB.

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

WS 12/5

Socket and test plug, see section W-series accessories

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

WS 12/5

Feed-through terminals

Identical profiles from 2.5 to 10 mm² with uniform end and partition plates. An unsurpassed combination of many advantages!

Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

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

Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version
dark beige Wemid
blue Wemid

Note

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole

Cross-connection (screwed)	
	2-pole
	3-pole
	4-pole
	10-pole

End plate / Partition plate	
End plate	dark beige Wemid
	blue Wemid
Partition plate	dark beige Wemid
	blue Wemid

End bracket	
	dark beige

Testing / Checking	
For testing wired terminal strips	Standard
	with spigot

Cover	
	with lightning flash symbol
	blank

Marking systems	
(see large assortment in catalogue 7)	
	Marking tags

For detailed information on other accessories and applications see "Accessories"

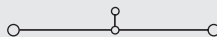
WDU 2.5N/600 UL

2.5 mm²

600V UL/CSA
Compact design



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



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	25	20	
2.5	AWG 30... 12	AWG 26... 12	
		8 / 3	
		A3 / V-0	



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

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

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

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

Note

Type	Current [A]	Qty.	Order No.

Current [A]			
WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/10	32	20	1054460000

width [mm]			
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5	20	1050180000

width [mm]			
EW 35	8.5	50	0383560000

WTA 1	WDU1.5	25	1632290000
WTA 1/ZA	WDU1.5	25	1632300000

WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000

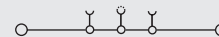
WS 12/5	

Socket and test plug, see section W-series accessories

WDU 4

4 mm²

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



IEC 60947-7-1

Ex e II 2 G D

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



KEMA 98ATEX1683 U

Rated connection	further connection
0.5...6 / 1.5...6	
0.5...6 / 0.5...4	
0.5...1.0 (M 3)	
10 / 0.6 x 3.5	

0.5...2.5
0.5...1.5 / 0.5...1.5

Note max. current of terminal (41 A) when using WQV.

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

Rated voltage 400V when using cross-connection ZQV
See section W-series accessories for colours available.

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

Current [A]			
WQV 4/2	41	50	1051960000
WQV 4/3	32	50	1054560000
WQV 4/4	32	50	1054660000
WQV 4/10	41	20	1052060000

width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 2.5-10 BL	1.5	50	1050080000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5	20	1050180000

width [mm]			
WEW-35/2	8	100	1061200000

WTA 3	WDU4	25	1632350000
WTA 3/ZA	WDU4	25	1632360000

WAD 5 M. BL.	50	1053460000
WAD 5 NEUTRAL	50	1056060000

WS 12/6	

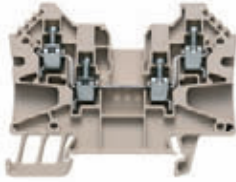
Socket and test plug, see section W-series accessories

WDU 4/ZZ

4 mm²

Twin connection

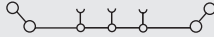
n



6.1 x 70 x 53.5

32 / 6

0.13 ... 6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
32			
4			
	8 / 3		
	A4 / V-0		

Rated connection further connection

0.5...6 / 0.5...6

0.5...4 / 0.5...4

0.5...0.8 (M3)

10 / 0.6 x 3.5

0.5...1.5

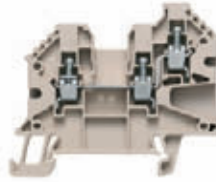
0.5...1.5 / 0.5...1.5

WDU 4/ZR

4 mm²

Supplementary connection, right

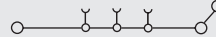
n



6.1 x 63.5 x 53.5

32 / 6

0.13 ... 6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
32			
4			
	8 / 3		
	A4 / V-0		

Rated connection further connection

0.5...6 / 0.5...6

0.5...4 / 0.5...4

0.5...0.8 (M3)

10 / 0.6 x 3.5

0.5...1.5

0.5...1.5 / 0.5...1.5

WDU 4N

4 mm²

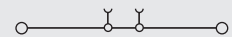
Compact design



6.1 x 44 x 38.5

39 / 6

0.13 ... 6



IEC 60947-7-1

Ex e II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	440
32	10	10	27
4	AWG 26... 12	AWG 26... 10	4
	6 / 3		
	A4 / V-0		

UL

KEMA 98ATEX1683 U

Rated connection further connection

0.5...6 / 1.5...6

0.5...4 / 0.5...4

0.5...1.0 (M3)

11 / 0.6 x 3.5

0.5...1.5

0.5...1.5 / 0.5...1.5

Approval cULus. 2 conductors 1.5mm² solid have to be connected at 0.6 Nm.

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

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

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

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

Current [A]

width [mm]

WAP WDU/WTR4/ZZ	1.5	50	1905150000
-----------------	-----	----	------------

width [mm]

WEW-35/2	8	100	1061200000
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DEK 6 / WS 12/6

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

Current [A]

width [mm]

WAP WDU/WTR4/ZR	1.5	50	1905070000
-----------------	-----	----	------------

width [mm]

WEW-35/2	8	100	1061200000
----------	---	-----	------------

DEK 6 / WS 12/6

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

Current [A]

width [mm]

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

width [mm]

EW 35	8.5	50	0383560000
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WTA 1 WDU1.5	25		1632290000
WTA 1/ZA WDU1.5	25		1632300000

WAD 4 GE BED	50		1072000000
WAD 4 WS	50		1072100000

WS 12/6

Feed-through terminals

Identical profiles from 2.5 to 10 mm² with uniform end and partition plates. An unsurpassed combination of many advantages!

Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

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

Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version
dark beige Wemid
blue Wemid

Note

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole

Cross-connection (screwed)	
	2-pole
	3-pole
	4-pole
	10-pole

End plate / Partition plate	
End plate	dark beige Wemid
	blue Wemid
Partition plate	dark beige Wemid
	blue Wemid

End bracket	
	dark beige

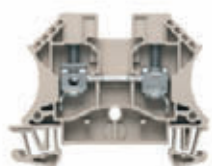
Testing / Checking	
For testing wired terminal strips	Standard
	with spigot

Cover	
	with lightning flash symbol
	blank

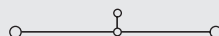
Marking systems	
(see large assortment in catalogue 7)	
	Marking tags

For detailed information on other accessories and applications see "Accessories"

WDU 6

6 mm²

7.9 x 60 x 47
57 / 10
0.33 ... 10



IEC 60947-7-1 Ex II 2 G D

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

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

0.5...2.5
0.5...2.5 / 0.5...2.5

Note max. current of terminal (57 A) when using WQV.

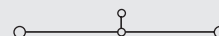
Type	Qty.	Order No.
WDU 6	100	1020200000
WDU 6 BL	100	1020280000

For colours available see section W-series accessories Specific functions

WDU 10

10 mm²

9.9 x 60 x 47
76 / 16
0.82 ... 16



IEC 60947-7-1 Ex II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	550
57	65	65	50
10	AWG 18... 6	AWG 16... 6	10
8 / 3			
B6 / V-0			

Rated connection	further connection
1.5...16 / 1.5...16	
1.5...16 / 1.5...16	
1.2...2.4 (M 4)	
12 / 1.0 x 5.5	

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

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

Type	Qty.	Order No.
WDU 10	50	1020300000
WDU 10 BL	50	1020380000

For colours available see section W-series accessories Specific functions

Type	Current [A]	Qty.	Order No.

Current [A]			
WQV 6/2	57	50	1052360000
WQV 6/3	57	50	1054760000
WQV 6/4	57	50	1054860000
WQV 6/10	57	20	1052260000

width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 2.5-10 BL	1.5	50	1050080000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5	20	1050180000

width [mm]			
WEW-35/2	8	100	1061200000

WTA 5/1	25	1051260000
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WAD 8 M. BL.	50	1053560000
WAD 8 NEUTRAL	50	1056160000

WS 12/6,5

Socket and test plug, see section W-series accessories

Type	Current [A]	Qty.	Order No.

Current [A]			
WQV 10/2	57	50	1052560000
WQV 10/3	57	50	1054960000
WQV 10/4	57	50	1055060000
WQV 10/10	57	20	1052460000

width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 2.5-10 BL	1.5	50	1050080000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5	20	1050180000

width [mm]			
WEW-35/2	8	100	1061200000

WTA 5/1	25	1051260000
---------	----	------------

WAD 8 M. BL.	50	1053560000
WAD 8 NEUTRAL	50	1056160000

WS 12/6,5

Socket and test plug, see section W-series accessories

WDU 10/ZR

10 mm²Supplementary connection, right (4 mm²)

9.9 x 70 x 49.5

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 / 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
1.2...2.4 (M 4)	0.5...0.8 (M 3)
12 / 0.6 x 3.5	9 / 0.6 x 3.5

1...1.5	0.5...1.5
1...6 / 1...6	0.5...1.5 / 0.5...1.5

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

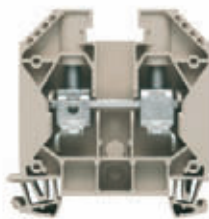
Type	Qty.	Order No.
WDU 10/ZR	50	1042400000
WDU 10/ZR BL	50	1042480000

Rated data relates to 10mm² connection

WDU 16

16 mm²

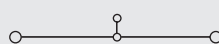
with spigot for higher connection stability



11.9 x 60 x 63

101 / 25

1.5 ... 25



IEC 60947-7-1

Ex e II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
76	85	85	66
16	AWG 18...4	AWG 14...6	16
	8 / 3		
	B7 / V-0		



KEMA 98ATEX1683 U

Rated connection	further connection
1.5...16 / 1.5...25	
1.5...25 / 1.5...16	
2.0...4.0 (M 5)	
16 / 1.0 x 5.5	

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

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

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

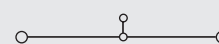
WDU 16N

16 mm²Suitable for power distribution
Compact design

12 x 60 x 47

101 / 25

1.5 ... 25



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
690	300	300	
76	70	70	
16	AWG 14...6	AWG 14...6	
	8 / 3		
	B7 / V-0		



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

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

AWG 6/7 und H07V-R25 conductors require a tightening torque of 1.5 Nm.

Type	Qty.	Order No.
WDU 16N	50	1036100000
WDU 16N BL	50	1036180000

Type	Current [A]	Qty.	Order No.
WQV 10/2	57	50	1052560000
WQV 10/3	57	50	1054960000
WQV 10/4	57	50	1055060000
WQV 10/10	57	20	1052460000
width [mm]			
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5	20	1050180000
width [mm]			
WEW-35/2	8	100	1061200000
WTA 5/1		25	1051260000
WS 12/6,5			
Socket and test plug, see section W-series accessories			

Type	Current [A]	Qty.	Order No.
WQV 16/2	101	50	1053260000
WQV 16/3	76	50	1055160000
WQV 16/4	76	50	1055260000
WQV 16/10	76	10	1053360000
width [mm]			
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5	20	1050180000
width [mm]			
WEW 35/1	12	50	1059000000
WAD 12 M. BL.			
WAD 12 NEUTRAL	50	50	1055960000
WS 12/6,5			
Socket and test plug, see section W-series accessories			

Type	Current [A]	Qty.	Order No.
WQV 16N/2	76	50	1636560000
WQV 16N/3	76	50	1636570000
WQV 16N/4	76	50	1636580000
width [mm]			
WTW EN	3	20	1058800000
width [mm]			
WEW-35/2	8	100	1061200000
WTA 2 WDU2.5-10		25	1632320000
WAD 16N GE BED			
WAD 16N WS	50	50	1083600000
WS 12/6,5			
Socket and test plug, see section W-series accessories			

Feed-through terminals

Identical profiles from 2.5 to 10 mm² with uniform end and partition plates. An unsurpassed combination of many advantages!

Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

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

Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note
Copper straps can be used, possible connections: 3 to 9 layers 9 x 0.8 mm, see online catalogue.

Ordering data

Version
dark beige Wemid
blue Wemid

Note

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole

Cross-connection (screwed)	
	2-pole
	3-pole
	4-pole
	10-pole

End plate / Partition plate	
End plate	dark beige Wemid
	blue Wemid
Partition plate	dark beige Wemid
	blue Wemid

End bracket	
	dark beige

Testing / Checking	
For testing wired terminal strips	Standard
	with spigot

Cover	
	with lightning flash symbol
	blank

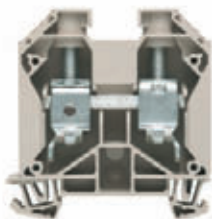
Marking systems	
(see large assortment in catalogue 7)	
	Marking tags

For detailed information on other accessories and applications see "Accessories"

WDU 35

35 mm²

Clamping screw / spigot for good connection stability



16 x 60 x 63
150 / 50
2.5 ... 50

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

IEC	UL	CSA	EN 60079-7
1000	1000	600	690
125	150	120	109
35	AWG 12... 1	AWG 12... 2	35
8 / 3			
B8 / V-0			

Rated connection	further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4.0...5.0 (M 6)	
18 / 6.5 x 1.2	

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

Copper straps can be used, possible connections: 3 to 9 layers 9 x 0.8 mm, see online catalogue.

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

Type	Current [A]	Qty.	Order No.

Current [A]			
WQV 35/2	125	50	1053060000
WQV 35/3	112	50	1055360000
WQV 35/4	112	50	1055460000
WQV 35/10	112	10	1053160000

width [mm]			

width [mm]			
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5	20	1050180000

width [mm]			
WEW 35/1	12	50	1059000000

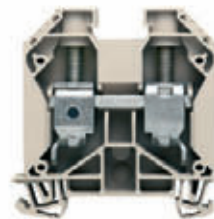
WAD 12 M. BL.	50	1055960000
WAD 12 NEUTRAL	50	1056260000

WS 12/6,5
Socket and test plug, see section W-series accessories

WDU 35 IK

35 mm²

Hexagonal socket / spigot for good connection stability



16 x 60 x 63
150 / 50
2.5 ... 50

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

IEC	UL	CSA	EN 60079-7
1000	1000	600	690
125	150	120	109
35	AWG 12... 1	AWG 12... 2	35
8 / 3			
B8 / V-0			

Rated connection	further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4.0...6.0 (M 6)	
18 / S6 (DIN 6911)	

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

Copper straps can be used, possible connections: 3 to 9 layers 9 x 0.8 mm, see online catalogue.

Type	Qty.	Order No.
WDU 35/IK/ZA	25	1029000000
WDU 35/IK/ZA BL	25	1029080000
Order No. 1020600000 and 1020680000 (blue) versions without spigot (25 pcs)		

Type	Current [A]	Qty.	Order No.

Current [A]			
WQV 35/2	125	50	1053060000
WQV 35/3	112	50	1055360000
WQV 35/4	112	50	1055460000
WQV 35/10	112	10	1053160000

width [mm]			

width [mm]			
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5	20	1050180000

width [mm]			
WEW 35/1	12	50	1059000000

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

WS 12/6,5
Socket and test plug, see section W-series accessories

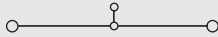
WDU 35N

35 mm²

Suitable for power distribution
Compact design



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



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
125	150	10	
35	AWG 12... 1	AWG 12... 2	
	6 / 3		
	B8 / V-0		



Rated connection **further connection**

2.5...16 / 2.5...50
2.5...35 / 2.5...35
4.0...5.0 (M 6)
18 / 6.5 x 1.2

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

Copper straps can be used, possible connections: see online catalogue.

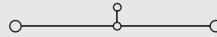
WDU 50N

50 mm²

Compact design



18.5 x 70 x 70
192 / 70
10 ... 70



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
150	150	150	126
50	AWG 10... 1/0	AWG 8... 1/0	50
	8 / 3		
	B10 / V-0		



KEMA 98ATEX1685 U

Rated connection **further connection**

10...16 / 10...70
10...50 / 10...50
3.5...6.0 (M 6)
24 / S4 (DIN 6911)

/ 6...16
6...16 / 6...16

Copper straps can be used, possible connections: see online catalogue.

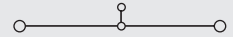
WDU 70N

70 mm²

Compact design



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



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
192	175	205	167
70	AWG 6... 3/0	AWG 8... 2/0	70
	8 / 3		
	B11 / V-0		



KEMA 98ATEX1683 U

Rated connection **further connection**

10...16 / 10...95
10...70 / 10...70
8.0...12.0 (M 8)
22 / S6 (DIN 6911)

6...16 / 10...25
10...25 / 6...25

Copper straps can be used, possible connections: see online catalogue.

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

Type	Qty.	Order No.
WDU 50N	10	1820840000
WDU 50N BL	10	1820850000

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

Type	Current [A]	Qty.	Order No.

Current [A]			
WQV 35N/2	125	20	1079200000
WQV 35N/3	101	20	1079300000
WQV 35N/4	101	20	1079400000

width [mm]			
WTW EN	3	20	1058800000

width [mm]			
WEW-35/2	8	100	1061200000

WAD 16N GE BED	50	1083600000
WAD 16N WS	50	1083500000

WS 12/6,5

Type	Current [A]	Qty.	Order No.

Current [A]			
WQV 50N/2	150	5	1834060000
WQV 50N/3	150	5	1834070000
WQV 50N/4	150	5	1834080000

width [mm]			

width [mm]			
WEW 35/1	12	50	1059000000

WAD 20 GE	10	9512260000
WAD 20 WS	10	9512270000

WS 12/6,5

Type	Current [A]	Qty.	Order No.

Current [A]			
WQV 70N/2	192	5	9512240000
WQV 70N/3	192	5	9512250000
WQV 70N/4	192	5	9531290000

width [mm]			

width [mm]			
WEW 35/1	12	50	1059000000

WAD 20 GE	10	9512260000
WAD 20 WS	10	9512270000

WS 12/6,5

For additional auxiliary connection (WZAD) see section W-series accessories

Feed-through terminals

Identical profiles from 2.5 to 10 mm² with uniform end and partition plates. An unsurpassed combination of many advantages!

Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
max. current / max. conductor A/mm²
max. clamping range mm²

Technical data

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

Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version
dark beige Wemid
blue Wemid

Note

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole

Cross-connection (screwed)	
	2-pole
	3-pole
	4-pole
	10-pole

End plate / Partition plate	
End plate	dark beige Wemid
	blue Wemid
Partition plate	dark beige Wemid
	blue Wemid

End bracket	
	dark beige

Testing / Checking	
For testing wired terminal strips	Standard
	with spigot

Cover	
	with lightning flash symbol
	blank

Marking systems	
(see large assortment in catalogue 7)	
	Marking tags

For detailed information on other accessories and applications see "Accessories"

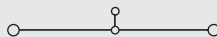
WDU 95N/120N

120 mm²

Compact design



27 x 91 x 90
290 / 150
16 ... 150



IEC 60947-7-1

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	1000	880
269	190	220	243
120	AWG 4...kcmil	250AWG 4... 4/0	120
8 / 3			
B13 / V-0			



KEMA 98ATEX1683 U

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

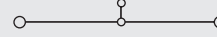
Copper straps can be used, possible connections: see online catalogue.

WDU 240

240 mm²



36 x 100 x 131.5
415 / 240
70 ... 240



IEC 60947-7-1

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	1100
415	380	400	300
240	AWG 00...500	MCM	AWG 00...500 MCM240
8 / 3			
B15 / V-0			



KEMA 01ATEX2186 U

Rated connection	further connection
/ 70...240	
70...240 / 70...185	
12...20 (M 10)	
40 / S8 (DIN 6911)	

/ 35...95
50...95 / 35...50

Copper straps can be used, possible connections: see online catalogue.

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

Note

Type	Qty.	Order No.
WDU 240	2	1802780000
WDU 240 BL	2	1822210000

Note

Type	Current [A]	Qty.	Order No.

Current [A]			
WQV 95N/120N-2	269	5	1826890000
WQV 95N/120N-3	269	5	1826900000
WQV 95N/120N-4	269	5	1826910000

width [mm]			

width [mm]			
WEW 35/1	12	50	1059000000

width [mm]			
WAD 20 GE		10	9512260000
WAD 20 WS		10	9512270000

width [mm]			
WS 12/6,5			

Auxiliary conn. for additional conductor WZAD 240 order No. 1802810000 (up to 10 mm², 57 A). Insert ELPP for ribbon cable order No. 1824680000

Type	Current [A]	Qty.	Order No.

Current [A]			
WQB 240/2	320	5	1802790000
WQB 240/3	320	5	1802800000

width [mm]			

width [mm]			
WEW 35/1	12	50	1059000000

width [mm]			

width [mm]			
WS 12/6,5			

Auxiliary conn. for additional conductor WZAD 240 order No. 1802810000 (up to 10 mm², 57 A). Insert ELPP for ribbon cable order No. 1824680000

Large conductor cross-sections do not require a great force to insert them into the clamping point, but instead can be easily and quickly placed in the modular terminal.

Every type of terminal is available in both single and block forms. All blocks are screwed permanently together and therefore provide additional torsional rigidity.

Direct mounting is possible thanks to the elongated holes on the underside of the terminal.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -
2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Note	

Ordering data

Version	
	dark beige Wemid
	blue Wemid
Note	

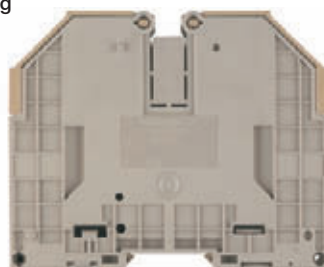
Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
Cross-connection (screwed)	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
End plate	dark beige Wemid
	blue Wemid
Partition plate	dark beige Wemid
	blue Wemid
End bracket	
	dark beige
Testing / Checking	
For testing wired terminal strips	Standard
	with spigot
Cover	
	with lightning flash symbol
	blank
Marking systems	
(see large assortment in catalogue 7)	
	Marking tags
For detailed information on other accessories and applications see "Accessories"	

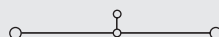
WDU 70/95

95 mm²

Conductor can be inserted from above / leaf spring



27 x 132 x 108
232 / 120
13.3 ... 120



IEC 60947-7-1

Ex e II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
232	175	205	202
95	AWG 6... 2/0	AWG 6... 2/0	95
8 / 3			
B12 / V-0			



KEMA 98ATEX1686 U

Rated connection	further connection
16...16 / 16...120	
16...95 / 16...95	
6.0...12 (M 8)	
30 / S6 (DIN 6911)	

copper strip applicable see online-catalogue.

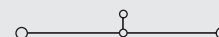
WDU 120/150

150 mm²

Conductor can be inserted from above / leaf spring



32 x 132 x 118
309 / 150
33.62 ... 150



IEC 60947-7-1

Ex e II 2 G D

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



KEMA 98ATEX1686 U

Rated connection	further connection
/ 35...150	
35...150 / 35...95	
10...20 (M 10)	
35 / S6 (DIN 6911)	

/ 35...70

35...70 / 35...70

copper strip applicable see online-catalogue.

Type	Qty.	Order No.
WDU 70/95	10	1024600000
WDU 70/95 BL	10	1024680000

For details of ribbon cable see online catalogue, and for direct mounting see section W-series accessories.

Type	Qty.	Order No.
WDU 120/150	10	1024500000
WDU 120/150 BL	10	1024580000

For details of ribbon cable see online catalogue, and for direct mounting see section W-series accessories.

Type	Current [A]	Qty.	Order No.
Current [A]			
WQV 70/95/2	232	5	1063500000
WQV 70/95/3	232	5	1063600000
width [mm]			
width [mm]			
WEW 35/1	12	50	1059000000
width [mm]			
WAD 27 M. BL.		10	1062860000
WAD 27 NEUTRAL		10	1062960000
width [mm]			
WS 12/6,5			
Auxiliary connection for additional conductor WZAD 70 order No. 1066000000 (up to 4 mm ² , 32 A)			

Type	Current [A]	Qty.	Order No.
Current [A]			
WQV 120/2	269	5	1063300000
WQV 120/3	269	5	1063400000
width [mm]			
width [mm]			
WEW 35/1	12	50	1059000000
width [mm]			
WAD 27 M. BL.		10	1062860000
WAD 27 NEUTRAL		10	1062960000
width [mm]			
WS 12/6,5			
Auxiliary connection for additional conductor WZAD 120 order No. 1066100000 (up to 4 mm ² , 32 A)			

Double level terminals

Identical profiles from 2.5 to 10 mm² with uniform end and partition plates. An unsurpassed combination of many advantages!

Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
 max. current / max. conductor A/mm²
 max. clamping range mm²

Technical data

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

Clamped conductors (H05V/H07V)

solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version	
	dark beige Wemid
	blue Wemid

Note

Accessories

Cross-connection, pluggable

	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole

Cross-connection (screwed)

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

End plate / Partition plate

End plate	dark beige Wemid
	blue Wemid
Partition plate	dark beige Wemid
	blue Wemid

End bracket

	dark beige
--	------------

Testing / Checking

For testing wired terminal strips	Standard
	with spigot

Cover

	with lightning flash symbol
	blank

Marking systems

(see large assortment in catalogue 7)

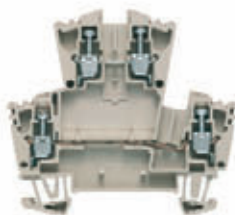
Marking tags

For detailed information on other accessories and applications see "Accessories"

WDK 2.5 ZQV

2.5 mm²

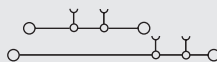
Plug-in cross-connection



5.1 x 65.4 x 63

32 / 4

0.05 ... 4



IEC 60947-7-1

Ex e II II 2 G D

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



KEMA 98ATEX1685 U

Rated connection further connection

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

0.5...1.5

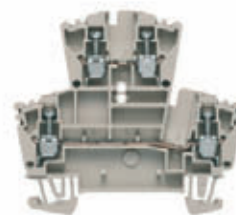
0.5...1.5 / 0.5...1.5

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

WDK 2.5

2.5 mm²

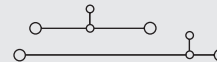
Screw cross-connection



5.1 x 69 x 63

32 / 4

0.05 ... 4



IEC 60947-7-1

Ex e II II 2 G D

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



KEMA 98ATEX1687 U

Rated connection further connection

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

0.5...1.5

0.5...1.5 / 0.5...1.5

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

Type	Qty.	Order No.
WDK 2.5	100	1021500000
WDK 2.5 BL	100	1021580000

For colours available see section W-series accessories Specific functions

Type	Current [A]	Qty.	Order No.

Current [A]			
WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/10	32	20	1054460000

width [mm]			
WAP WDK2.5	1.5	20	1059100000
WAP WDK2.5 BL	1.5	20	1059180000
WTW EN	3	20	1058800000

width [mm]			
WEW-35/2	8	100	1061200000

Test plug and socket, see section W-series accessories.
 Note: max. 2.5 mm² when using WQB.

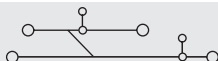
WDK 2.5 V

2.5 mm²

Both levels at one potential



5.1 x 69 x 63
32 / 4
0.05 ... 4



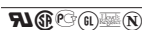
IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
400	300	300	275
24	20	10	21
2.5	AWG 30... 12	AWG 26... 12	2.5

6 / 3

A3 / V-0



KEMA 98ATEX1687 U

Rated connection further connection

0.5...4 / 1.5...4

0.5...4 / 0.5...2.5

0.4...0.6 (M 2.5)

10 / 0.6 x 3.5

0.5...1.5

0.5...1.5 / 0.5...1.5

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

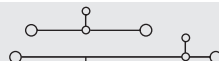
WDK 2.5 DU-PE

2.5 mm²

Lower level earthed on terminal rail



5.1 x 69 x 63
32 / 4
0.05 ... 4



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

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
400	300	300	275
24	20	10	21
2.5	AWG 30... 12	AWG 26... 12	2.5

6 / 3

A3 / V-0



KEMA 98ATEX1687 U

Rated connection further connection

0.5...4 / 1.5...4

0.5...4 / 0.5...2.5

0.4...0.6 (M 2.5)

10 / 0.6 x 3.5

0.5...1.5

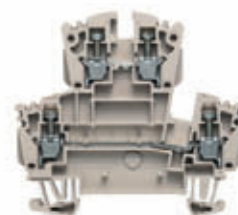
0.5...1.5 / 0.5...1.5

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

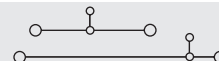
WDK 2.5 / 800 V

2.5 mm²

Rated voltage 800 V



6.1 x 69 x 63
32 / 4
0.05 ... 4



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800			440
24			24
2.5			2.5

8 / 3

A3 / V-0



KEMA 98ATEX1685 U

Rated connection further connection

0.5...4 / 1.5...4

0.5...4 / 0.5...2.5

0.4...0.6 (M 2.5)

10 / 0.6 x 3.5

0.5...1.5

0.5...1.5 / 0.5...1.5

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

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

For colours available see section W-series accessories Specific functions

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

Type	Qty.	Order No.
WDK 2.5/800V	100	1029100000

Type	Current [A]	Qty.	Order No.
WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/10	32	20	1054460000

Current [A]

WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/10	32	20	1054460000

width [mm]

WAP WDK2.5	1.5	20	1059100000
WAP WDK2.5 BL	1.5	20	1059180000
WTW EN	3	20	1058800000

width [mm]

WEW-35/2	8	100	1061200000
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WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000

WS 8/5

Test plug and socket, see section W-series accessories

Type	Current [A]	Qty.	Order No.
WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/10	32	20	1054460000

Current [A]

WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/10	32	20	1054460000

width [mm]

WAP WDK2.5	1.5	20	1059100000
WAP WDK2.5 BL	1.5	20	1059180000
WTW EN	3	20	1058800000

width [mm]

WEW-35/2	8	100	1061200000
----------	---	-----	------------

WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000

WS 8/5

Test plug and socket, see section W-series accessories

Type	Current [A]	Qty.	Order No.
Q 2 AKZ4SS	20	50	0369000000
Q 3 AKZ4SS	20	50	0369100000
Q 4 AKZ4SS	20	50	0369200000
Q 10 AKZ4SS	20	20	0369300000

Current [A]

Q 2 AKZ4SS	20	50	0369000000
Q 3 AKZ4SS	20	50	0369100000
Q 4 AKZ4SS	20	50	0369200000
Q 10 AKZ4SS	20	20	0369300000

width [mm]

WAP WDK2.5	1.5	20	1059100000
WAP WDK2.5 BL	1.5	20	1059180000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000

width [mm]

WEW-35/2	8	100	1061200000
----------	---	-----	------------

WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000

WS 8/5

Test plug and socket, see section W-series accessories

Double level terminals

Identical profiles from 2.5 to 10 mm² with uniform end and partition plates. An unsurpassed combination of many advantages!

Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
max. current / max. conductor A/mm²
max. clamping range mm²

Technical data

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

Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version
dark beige Wemid
blue Wemid

Note

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole

Cross-connection (screwed)	
	2-pole
	3-pole
	4-pole
	10-pole

End plate / Partition plate	
End plate	dark beige Wemid
	blue Wemid
Partition plate	dark beige Wemid
	blue Wemid

End bracket	
	dark beige

Testing / Checking	
For testing wired terminal strips	Standard
	with spigot

Cover	
	with lightning flash symbol
	blank

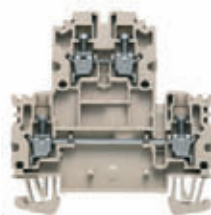
Marking systems	
(see large assortment in catalogue 7)	
	Marking tags

For detailed information on other accessories and applications see "Accessories"

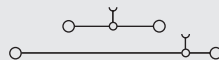
WDK 2.5N

2.5 mm²

Plug-in cross-connection
Compact design



5.1 x 60.7 x 62.5
28 / 4
0.05 ... 4



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	300	550
24	20	20	21
2.5	AWG 30... 12	AWG 26... 12	2.5
8 / 3			
A3 / V-0			



KEMA 00ATEX2061 U

Rated connection	further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 (M 2.5)	
8 / 0.6 x 3.5	

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

When using the cross-connection ZQV 2.5N, the rated voltage is reduced to 400 V.

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

Note

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

Current [A]	

width [mm]	
WAP WDK2.5/4 N	1.5 20 1084000000
WTW EN	3 20 1058800000

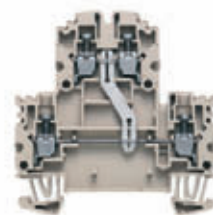
width [mm]	
WEW-35/2	8 100 1061200000

WS 8/5

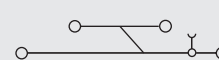
WDK 2.5N V

2.5 mm²

Both levels at one potential
Compact design



5.1 x 60.7 x 62.5
28 / 4
0.05 ... 4



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	300	550
24	20	20	21
2.5	AWG 30... 12	AWG 26... 12	2.5
8 / 3			
A3 / V-0			



KEMA 00ATEX2061 U

Rated connection	further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 (M 2.5)	
8 / 0.6 x 3.5	

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

When using the cross-connection ZQV, the rated voltage is reduced to 400 V.

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

Note

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

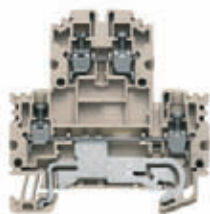
Current [A]	

width [mm]	
WAP WDK2.5/4 N	1.5 20 1084000000
WTW EN	3 20 1058800000

width [mm]	
WEW-35/2	8 100 1061200000

WS 8/5

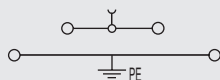
WDK 2.5N DU-PE

2.5 mm²Lower level earthed on terminal rail
Compact design

5.1 x 60.7 x 62.5

28 / 4

0.05 ... 4



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

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	300	550
24	20	20	21
2.5	AWG 30... 12	AWG 26... 12	2.5
8 / 3			
A3 / V-0			



KEMA 00ATEX2061 U

Rated connection further connection

0.5...4 / 1.5...4

0.5...4 / 0.5...2.5

0.4...0.6 (M 2.5)

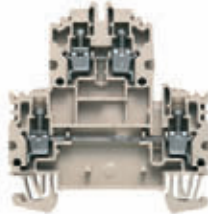
8 / 0.6 x 3.5

0.5...1.5

0.5...1.5 / 0.5...1.5

When using the cross-connection ZQV, the rated voltage is reduced to 400 V.

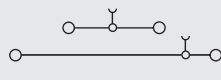
WDK 4N

4 mm²Plug-in cross-connection
Compact design

6.1 x 60.7 x 64.1

35 / 6

0.13 ... 6



IEC 60947-7-1

Ex e II II 2 G D

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



KEMA 00ATEX2061 U

Rated connection further connection

0.5...6 / 1.5...6

0.5...4 / 0.5...4

0.5...1.0 (M 3)

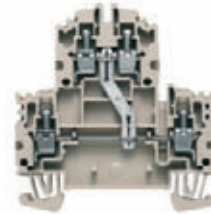
8 / 0.6 x 3.5

0.5...1.5

0.5...1.5 / 0.5...1.5

Rated voltage 400 V when using cross-connection ZQV
2 conductors 1.5mm², H07V-U1.5, require a tightening torque of 0.6 Nm.

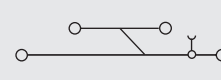
WDK 4N V

4 mm²Both levels at one potential
Compact design

6.1 x 60.7 x 64.1

35 / 6

0.13 ... 6



IEC 60947-7-1

Ex e II II 2 G D

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



KEMA 00ATEX2061 U

Rated connection further connection

0.5...6 / 1.5...6

0.5...4 / 0.5...4

0.5...1.0 (M 3)

8 / 0.6 x 3.5

0.5...1.5

0.5...1.5 / 0.5...1.5

Rated voltage 400 V when using cross-connection ZQV
2 conductors 1.5mm², H07V-U1.5, require a tightening torque of 0.6 Nm.

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

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

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

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

Current [A]

width [mm]

WAP WDK2.5/4 N	1.5	20	1084000000
WTW EN	3	20	1058800000

width [mm]

WEW-35/2	8	100	1061200000
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WS 8/5

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

Current [A]

width [mm]

WAP WDK2.5/4 N	1.5	20	1084000000
WTW EN	3	20	1058800000

width [mm]

WEW-35/2	8	100	1061200000
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WS 8/5

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

Current [A]

width [mm]

WAP WDK2.5/4 N	1.5	20	1084000000
WTW EN	3	20	1058800000

width [mm]

WEW-35/2	8	100	1061200000
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WS 8/5

Double level terminals

Identical profiles from 2.5 to 10 mm² with uniform end and partition plates. An unsurpassed combination of many advantages!

Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

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

Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version
dark beige Wemid
blue Wemid

Note

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole

Cross-connection (screwed)	
	2-pole
	3-pole
	4-pole
	10-pole

End plate / Partition plate	
End plate	dark beige Wemid
	blue Wemid
Partition plate	dark beige Wemid
	blue Wemid

End bracket	
	dark beige

Testing / Checking	
For testing wired terminal strips	Standard
	with spigot

Cover	
	with lightning flash symbol
	blank

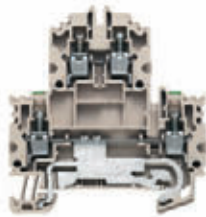
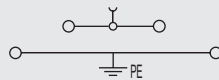
Marking systems	
(see large assortment in catalogue 7)	
	Marking tags

For detailed information on other accessories and applications see "Accessories"

WDK 4N DU-PE

4 mm²

Lower level earthed on terminal rail
Compact design


6.1 x 60.7 x 64.1
35 / 6
0.13 ... 6


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

Ex e II 2 G D

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



KEMA 00ATEX2061 U

Rated connection	further connection
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...1.0 (M3)	
8 / 0.6 x 3.5	

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

Rated voltage 400 V when using cross-connection ZQV
2 conductors 1.5mm², solid, require a tightening torque of 0.6 Nm.

Type	Qty.	Order No.
WDK 4N DU-PE	100	1041950000

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

Current [A]			

width [mm]			
WAP WDK2.5/4 N	1.5	20	1084000000
WTW EN	3	20	1058800000

width [mm]			
WEW-35/2	8	100	1061200000

WS 8/5

Identical profiles from 2.5 to 10 mm² with uniform end and partition plates. An unsurpassed combination of many advantages!

Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
max. current / max. cond. cross-section A/mm²
max. clamping range mm²

Technical data

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

Clamped conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version	
	green/yellow Wemid

Note

Accessories

End plate	
	dark beige Wemid

End bracket	
	dark beige / beige

Testing / Checking

For testing wired terminal strips	Standard
-----------------------------------	----------

Screwdrivers

with cutting device "swifty set"	
Standard	

PEN jumper

Inserted into TN-S distributor between N and PE terminals

Marking systems	(see large assortment in catalogue 7)
	Marking tags

For detailed information on other accessories and applications see "Accessories"

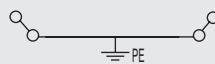
WPE 1.5/ZZ

1.5 mm²

Twin connection



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



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 26... 14	AWG 26... 14	1.5
800			
8			
	180 A (1,5 mm ²)		
	3		
	A1 / V-0		



KEMA 98ATEX1685 U

Rated connection	further connection
0.5...2.5 / 1.5...2.5	
0.5...1.5 / 0.5...1.5	
0.4...0.6 (M 2.5)	
0.4...0.6 (M 2.5)	
7 / 0.6 x 3.5	

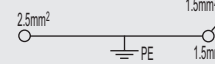
WPE 2.5/1.5/ZR

2.5 mm²

Supplementary connection, right (1.5 mm²)



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



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30... 12	AWG 26... 12	2.5
800			
8			
	300 A (2.5 mm ²)		
	3		
	A3 / V-0		



KEMA 98ATEX1685 U

Rated connection	further connection
0.5...4 / 1.5...4	0.5...2.5 / 1.5...2.5
0.5...4 / 0.5...2.5	0.5...1.5 / 0.5...1.5
0.4...0.6 (M 2.5)	0.4...0.6 (M 2.5)
0.4...0.6 (M 2.5)	
10 / 0.6 x 3.5	7 / 0.6 x 3.5

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

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

Technical data for supplementary connection, right (1.5 mm²)

Type	width [mm]	Qty.	Order No.
WAP 2.5-10	1.5	50	1050000000

Type	width [mm]	Qty.	Order No.
WEW-35/2	8	100	1061200000

Type	width [mm]	Qty.	Order No.
SD 0.6x3.5x100		1	9008330000

Type	width [mm]	Qty.	Order No.
SD 0.6x3.5x100		1	9008330000

Type	width [mm]	Qty.	Order No.
WS 12/5			

Type	width [mm]	Qty.	Order No.
WS 12/5			

Rail support for insulated installation of terminal rail SH 2 order no. 0494920000 (10 pcs)

Modular PE terminals

Identical profiles from 2.5 to 10 mm² with uniform end and partition plates. An unsurpassed combination of many advantages!

Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
max. current / max. cond. cross-section A/mm²
max. clamping range mm²

Technical data

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

Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version
green/yellow Wemid

Note

Accessories

End plate
dark beige Wemid

End bracket
dark beige / beige

Testing / Checking
For testing wired terminal strips
Standard

Screwdrivers
with cutting device "swifty set"
Standard

PEN jumper
Inserted into TN-S distributor between N and PE terminals

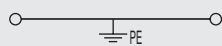
Marking systems
(see large assortment in catalogue 7)
Marking tags

For detailed information on other accessories and applications see "Accessories"

WPE 2.5

2.5 mm²

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



IEC 60947-7-2

Ex e II Ex II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30... 12	AWG 30... 12	2.5
800			
8			
300 A (2.5 mm ²)			
3			
A3 / V-0			



KEMA 98ATEX1683 U

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

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

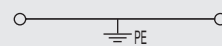
WPE 2.5N

2.5 mm²

Compact design



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



IEC 60947-7-2

Ex e II Ex II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30... 12	AWG 26... 12	2.5
500			
6			
300 A (2.5 mm ²)			
3			
A3 / V-0			



KEMA 98ATEX1683 U

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

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

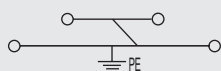
WDK 2.5 PE

2.5 mm²

5.1 x 69.5 x 63

/ 4

0.05 ... 4



IEC 60947-7-2

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30... 12	AWG 26... 12	2.5
400			
6			
	300 A (2.5 mm ²)		
	3		
	A3 / V-0		



KEMA 98ATEX1687 U

Rated connection	further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 (M 2.5)	

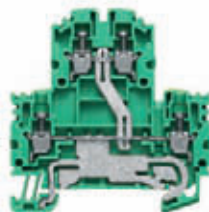
10 / 0.6 x 3.5

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

WDK 2.5N PE

2.5 mm²

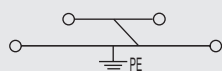
Compact design



5.1 x 60.7 x 62.5

/ 4

0.05 ... 4



IEC 60947-7-2

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30... 12	AWG 26... 12	2.5
800			
8			
	300 A (2.5 mm ²)		
	3		
	A3 / V-0		



KEMA 00ATEX2061 U

Rated connection	further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 (M 2.5)	

8 / 0.6 x 3.5

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

Type	Qty.	Order No.
WDK 2.5PE	100	1036300000

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

Type	width [mm]	Qty.	Order No.
WAP WDK2.5	1.5	20	1059100000

	width [mm]	Qty.	Order No.
WEW-35/2	8	100	1061200000

SD 0.6x3.5x100	1		9008330000

WS 8/5

Rail support for insulated installation of terminal rail SH 2 order no. 0494920000 (10 pcs)

Type	width [mm]	Qty.	Order No.
WAP WDK2.5/4 N	1.5	20	1084000000

	width [mm]	Qty.	Order No.
WEW-35/2	8	100	1061200000

SD 0.6x3.5x100	1		9008330000

WS 8/5

Rail support for insulated installation of terminal rail SH 2 order no. 0494920000 (10 pcs)

WPE 4/ZR

4 mm²

Supplementary connection, right

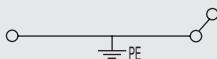
n



6.1 x 63.5 x 53.5

/ 6

0.13 ... 6



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4			
800			
8			
	480 A (4 mm ²)		
	3		
	A4 / V-0		

Rated connection	further connection
0.5...6 / 0.5...4	
0.5...2.5 / 0.5...4	
0.5...0.8 (M3)	

10 / 0.6 x 3.5

WPE 4N

4 mm²

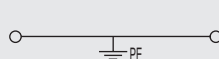
Compact design



6.1 x 44 x 38.5

/ 6

0.13 ... 6



IEC 60947-7-2

Ex e II  II 2 G D

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



KEMA 98ATEX1683 U

Rated connection	further connection
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...1.0 (M3)	

10 / 0.6 x 3.5

WDK 4N PE

4 mm²

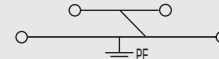
Compact design



6.1 x 60.7 x 64.1

/ 6

0.13 ... 6



IEC 60947-7-2

Ex e II  II 2 G D

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



KEMA 98ATEX1683 U

Rated connection	further connection
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...1.0 (M3)	

8 / 0.6 x 3.5

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

Type	Qty.	Order No.
WPE 4N	100	1042700000

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

Type	width [mm]	Qty.	Order No.
WAP WDU/WTR4/ZR	1.5	50	1905070000

Type	width [mm]	Qty.	Order No.
WEW-35/2	8	100	1061200000

Type	width [mm]	Qty.	Order No.
SD 0.6x3.5x100		1	9008330000

WS 12/6

Rail support for insulated installation of terminal rail SH 2 order no. 0494920000 (10 pcs)

Type	width [mm]	Qty.	Order No.
WAP WDU2.5N/4N	1.5	50	1060000000

Type	width [mm]	Qty.	Order No.
EW 35	8.5	50	0383560000

Type	width [mm]	Qty.	Order No.
SD 0.6x3.5x100		1	9008330000

WS 12/6

Rail support for insulated installation of terminal rail SH 2 order no. 0494920000 (10 pcs)

Type	width [mm]	Qty.	Order No.
WAP WDK2.5/4 N	1.5	20	1084000000

Type	width [mm]	Qty.	Order No.
WEW-35/2	8	100	1061200000

Type	width [mm]	Qty.	Order No.
SD 0.6x3.5x100		1	9008330000

WS 8/5

Rail support for insulated installation of terminal rail SH 2 order no. 0494920000 (10 pcs)

Modular PE terminals

Identical profiles from 2.5 to 10 mm² with uniform end and partition plates. An unsurpassed combination of many advantages!

Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
max. current / max. cond. cross-section A/mm²
max. clamping range mm²

Technical data

Rated data

Rated cross-section	mm ²
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	A
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version

green/yellow Wemid

Note

Accessories

End plate

dark beige Wemid

End bracket

dark beige / beige

Testing / Checking

For testing wired terminal strips Standard

Screwdrivers

with cutting device "swifty set"
Standard

PEN jumper

Inserted into TN-S distributor between N and PE terminals

Marking systems

(see large assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications see "Accessories"

WPE 6

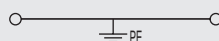
6 mm²



7.9 x 60 x 47

/ 10

0.33 ... 10



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
6	AWG 22... 8	AWG 20... 8	6
1000			
8			
720 A (6 mm ²)			
3			
A5 / V-0			
KEMA 98ATEX1683 U			

Rated connection

0.5...10 / 1.5...10

further connection

0.5...10 / 0.5...6

0.8...1.6 (M 3.5)

0.5...1.0 (M 3)

12 / 4.0 x 0.8

WPE 10

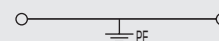
10 mm²



9.9 x 60 x 47

/ 16

1.31 ... 16



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
10	AWG 16... 6	AWG 16... 6	10
800			
8			
1200 A (10 mm ²)			
3			
B6 / V-0			
KEMA 98ATEX1683 U			

Rated connection

1.5...16 / 1.5...16

1.5...16 / 1.5...16

1.2...2.4 (M 4)

0.5...1.0 (M 3)

12 / 0.6 x 3.5

AWG 6/7 and H07V-R16 conductors require a tightening torque of 2.4 Nm.

Type

WPE 10

Qty.

50

Order No.

1010300000

Note

Type

WPE 6

Qty.

50

Order No.

1010200000

Note

Type

WEW-35/2

width [mm]

8

Qty.

100

Order No.

1061200000

Type

WEW-35/2

width [mm]

8

Qty.

100

Order No.

1061200000

Type

SD 0.8x4.0x100

width [mm]

8

Qty.

1

Order No.

9008340000

Type

SD 1.0x5.5x150

width [mm]

8

Qty.

1

Order No.

9008350000

Type

WQB-PEN 10

width [mm]

8

Qty.

10

Order No.

1060300000

Type

WS 12/6,5

width [mm]

8

Qty.

10

Order No.

1060300000

Rail support for insulated installation of terminal rail SH 2 order no. 0494920000 (10 pcs)

Rail support for insulated installation of terminal rail SH 2 order no. 0494920000 (10 pcs)

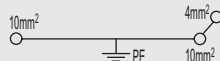
WPE 10/ZR

10 mm²Supplementary connection, right (4 mm²)

9.9 x 70 x 49.5

/ 16

1.31 ... 16



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 14...6	
800			
8			
	1200 A (10 mm ²)		
	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
1.2...2.4 (M 4)	0.6...0.8 (M 3)
0.5...1.0 (M 3)	
12 / 0.6 x 3.5	9 / 0.6 x 3.5

Max. conductor cross-sections refer to 10 mm² connection. AWG 6/7 and H07V-R16 secured with 2.4 Nm.

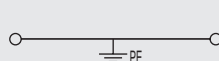
WPE 16

16 mm²

11.9 x 60 x 63

/ 25

1.5 ... 25



IEC 60947-7-2

Ex e II 2 G D

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



KEMA 98ATEX1683 U

Rated connection	further connection
1.5...16 / 1.5...25	
1.5...25 / 1.5...16	
2.0...4.0 (M 5)	
1.2...2.4 (M 4)	
16 / 1.0 x 5.5	

Use TS 35x15 (steel, 1.5 mm thick) for 25 mm² conductors.

WPE 16N

16 mm²

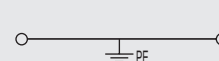
Compact design



12 x 60 x 47

/ 25

1.5 ... 25



IEC 60947-7-2

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



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

25 mm² stranded requires a tightening torque of 2.2 Nm.

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

Type	Qty.	Order No.
WPE 16	50	1010400000

Type	Qty.	Order No.
WPE 16N	50	1019100000

Type	width [mm]	Qty.	Order No.
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width [mm]			
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WEW-35/2	8	100	1061200000
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SD 0.6x3.5x100	1	9008330000
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WQB-PEN 10	10	1060300000
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WS 12/6,5

Rail support for insulated installation of terminal rail SH 2 order no. 0494920000 (10 pcs)

Type	width [mm]	Qty.	Order No.
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width [mm]			
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WEW 35/1	12	50	1059000000
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SD 1.0x5.5x150	1	9008350000
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WQB-PEN 16	10	1060200000
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WS 12/6,5

Rail support for insulated installation of terminal rail SH 2 order no. 0494920000 (10 pcs)

Type	width [mm]	Qty.	Order No.
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width [mm]			
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WEW-35/2	8	100	1061200000
----------	---	-----	------------

SD 1.0x5.5x150	1	9008350000
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WS 12/6,5

Rail support for insulated installation of terminal rail SH 2 order no. 0494920000 (10 pcs)

Modular PE terminals

Identical profiles from 2.5 to 10 mm² with uniform end and partition plates. An unsurpassed combination of many advantages!

Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
max. current / max. cond. cross-section A/mm²
max. clamping range mm²

Technical data

Rated data

Rated cross-section	mm ²
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	A
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version

green/yellow Wemid

Note

Accessories

End plate

dark beige Wemid

End bracket

dark beige / beige

Testing / Checking

For testing wired terminal strips Standard

Screwdrivers

with cutting device "swifty set"
Standard

PEN jumper

Inserted into TN-S distributor between N and PE terminals

Marking systems

(see large assortment in catalogue 7)

Marking tags

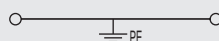
For detailed information on other accessories and applications see "Accessories"

WPE 35

35 mm²



16 x 60 x 63
/ 50
2.5 ... 50



IEC 60947-7-2

Ex e II II 2 G D

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



KEMA 98ATEX1683 U

Rated connection

2.5...16 / 2.5...50
2.5...35 / 2.5...35
4.0...5.0 (M 6)
1.2...2.4 (M 4)
18 / 6.5 x 1.2

further connection

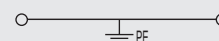
WPE 35N

35 mm²

Compact design



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



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
35	AWG 12... 1/0	AWG 12... 2	
400			
6			
4200 A (35 mm ²)			
3			
B8 / V-0			



Rated connection

2.5...16 / 2.5...50
2.5...35 / 2.5...35
4.0...5.0 (M 6)
1.2...2.4 (M 4)
18 / 6.5 x 1.2

further connection

Use TS 35x15 (steel, 1.5 mm thick) for 35 mm² conductors and TS 35x15 (steel, 2.3 mm thick) for 50 mm² conductors.

Type

WPE 35N

Qty.

20

Order No.

1717740000

Note

Type

WPE 35

Qty.

25

Order No.

1010500000

Note

Type

WEW 35/1

width [mm]

12

Qty.

50

Order No.

1059000000

Type

WEW 35/1

width [mm]

12

Qty.

50

Order No.

1059000000

Type

SD 1.2x6.5x150

width [mm]

6.5

Qty.

1

Order No.

9009010000

Type

SD 1.2x6.5x150

width [mm]

6.5

Qty.

1

Order No.

9009010000

Type

WQB-PEN 35

width [mm]

35

Qty.

10

Order No.

1060100000

Type

WS 12/6,5

width [mm]

6.5

Qty.

10

Order No.

1071360000

Rail support for insulated installation of terminal rail SH 2 order no. 0494920000 (10 pcs)

Rail support for insulated installation of terminal rail SH 2 order no. 0494920000 (10 pcs)

WPE 50N

50 mm²

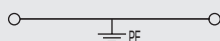
Compact design



18.5 x 70 x 70

/ 70

10 ... 70



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
50	AWG 10... 1	AWG 10... 1	50
1000			
8			
6000 A (50 mm ²)			
3			
B10 / V-0			



KEMA 98ATEX1685 U

Rated connection	further connection
10...16 / 10...70	
10...50 / 10...50	
4.0...6.0 (M 6)	
3.0...4.0 (M 5)	
24 / S4 (DIN 6911)	

Use the TS 35x15 terminal rail (copper, 2.3 mm thick) for cross-sections 50 and 70 mm².

WPE 70N/35

70 mm²

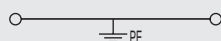
Compact design



20.5 x 75 x 86

/ 95

10 ... 95



IEC 60947-7-2

Ex e II II 2 G D

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



KEMA 98ATEX1683 U

Rated connection	further connection
10...16 / 10...95	
10...70 / 10...70	
8.0...10.0 (M 8)	
2.0...4.0 (M 5)	
22 / S6 (DIN 6911)	

Use the TS 35x15 terminal rail (copper, 2.3 mm thick) for cross-sections 50-95 mm².

WPE 95N/120N

95 mm²

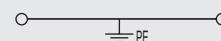
Compact design



27 x 91 x 90

/ 150

16 ... 150



IEC 60947-7-2

Ex e II II 2 G D

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



KEMA 98ATEX1683 U

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

Use the TS 35x15 terminal rail (copper, 2.3 mm thick) for cross-sections 50-120 mm².

Type	Qty.	Order No.
WPE 50N	10	1846040000

UL, CSA and ATEX approvals in preparation.

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

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

UL, CSA and ATEX approvals in preparation.

Type	width [mm]	Qty.	Order No.
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width [mm]			
WEW 35/1	12	50	1059000000

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WS 12/6,5

Rail support for insulated installation of terminal rail SH 2 order no. 0494920000 (10 pcs)

Type	width [mm]	Qty.	Order No.
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width [mm]			
WEW 35/1	12	50	1059000000

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WS 12/6,5

Rail support for insulated installation of terminal rail SH 2 order no. 0494920000 (10 pcs)

Type	width [mm]	Qty.	Order No.
------	------------	------	-----------

width [mm]			
WEW 35/1	12	50	1059000000

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WS 12/6,5

Rail support for insulated installation of terminal rail SH 2 order no. 0494920000 (10 pcs)

Modular PE terminals

Large conductor cross-sections do not require a great force to insert them into the clamping point, but instead can be easily and quickly placed in the modular terminal.

Every type of terminal is available in both single and block forms. All blocks are screwed permanently together and therefore provide additional torsional rigidity.

Direct mounting is possible thanks to the elongated holes on the underside of the terminal.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
 max. current / max. cond. cross-section A/mm²
 max. clamping range mm²

Technical data

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

Clamped conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version
green/yellow Wemid

Note

Accessories

End plate
dark beige Wemid

End bracket
dark beige / beige

Testing / Checking

For testing wired terminal strips	Standard
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Screwdrivers

with cutting device "swifty set"
Standard

PEN jumper

Inserted into TN-S distributor between N and PE terminals

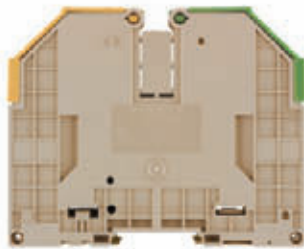
Marking systems	(see large assortment in catalogue 7)
	Marking tags

For detailed information on other accessories and applications see "Accessories"

WPE 70/95

95 mm²

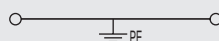
Conductor can be inserted from above / leaf spring



27 x 132 x 108

/ 120

13.3 ... 120



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
95	AWG 6... 2/0	AWG 6... 2/0	95

1000	8		
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	11400 A (95 mm ²)		
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	3		
	B12 / V-0		



KEMA 98ATEX1686 U

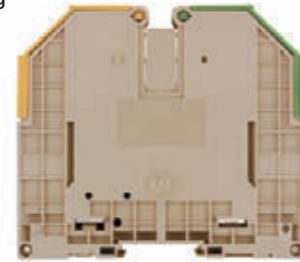
Rated connection	further connection
16...16 / 16...120	
16...95 / 16...95	
6.0...12 (M 8)	
3.0...6.0 (M 6)	
30 / S6 (DIN 6911)	

Use the TS 35x15 terminal rail (copper, 2.3 mm thick) for cross-sections 50-120 mm².

WPE 120/150

120 mm²

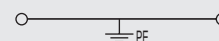
Conductor can be inserted from above / leaf spring



32 x 132 x 118

/ 150

33.62 ... 150



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
120	AWG 2... kcmil 250	AWG 2... kcmil 250	120

1000	8		
------	---	--	--

	14400 A (120 mm ²)		
--	--------------------------------	--	--

	3		
	B13 / V-0		



KEMA 98ATEX1686 U

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

Use the TS 35x15 terminal rail (copper, 2.3 mm thick) for cross-sections 50-120 mm².

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

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

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Type	width [mm]	Qty.	Order No.
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	width [mm]		
WEW 35/1	12	50	1059000000

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Type	width [mm]	Qty.	Order No.
WQV 70/95-PEN		5	1072300000

Type	width [mm]	Qty.	Order No.
WS 12/6,5			

Rail support for insulated installation of terminal rail SH 2 order no. 0494920000 (10 pcs)

Type	width [mm]	Qty.	Order No.
------	------------	------	-----------

	width [mm]		
WEW 35/1	12	50	1059000000

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Type	width [mm]	Qty.	Order No.
WQV 120-PEN		5	1072400000

Type	width [mm]	Qty.	Order No.
WS 12/6,5			

Rail support for insulated installation of terminal rail SH 2 order no. 0494920000 (10 pcs)

Modular disconnect terminals enable circuits to be quickly isolated from the supply so that, for example, maintenance or repair work can be carried out.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5	mm
max. current / max. cond. cross-section	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage, feed-through terminal	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -
2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Note	

Ordering data

Version	
	dark beige Wemid
	blue Wemid
	without disconnect, dark beige Wemid
Note	

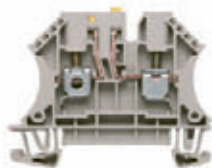
Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
End plate	dark beige Wemid
Partition plate	dark beige Wemid
End bracket	
	dark beige
Screwdrivers	
	Standard
Test plug	
	Plug dia. 2.3 mm
Holder for cartridge fuse, 5 x 20mm	
	400 V ac/dc, without LED
	10-36 V ac/dc, red LED
	140-250V ac/dc, red LED
Module connector (max. 250 V)	
reversed insertion possible	without fittings
	with wire jumper
	with 1N4007 diode
Disconnecting plug	
	yellow Wemid
Labelling systems	
(see large assortment in catalogue 7)	Marking tags
For detailed information on other accessories and applications see "Accessories"	

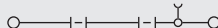
WTR 2.5

2.5 mm²

with clamping screw



5.1 x 60 x 49
24 / 4
0.05 ... 4



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
500	600	600	
24	20	20	
2.5	AWG 30... 12	AWG 30... 12	
6 / 3			
A3 / V-0			



Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.8 (M 2.5)
10 / 0.6 x 3.5

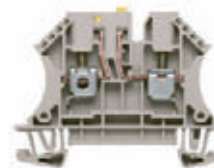
2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

Type	Qty.	Order No.
WTR 2.5	100	1855610000
WTR 2.5 BL	100	8731640000
WTR 2.5/O.TNHE	100	8731700000

WTR 2.5 StB

2.5 mm²

with sockets



5.1 x 60 x 49
24 / 4
0.05 ... 4



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
500	300	300	
24	20	20	
2.5	AWG 30... 12	AWG 30... 12	
6 / 3			
A3 / V-0			



Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...0.7 (M 3)
10 / 0.6 x 3.5

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

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

Type	Qty.	Order No.
WTR 2.5 STB2.3	100	1855620000
WTR 2.5 STB2.3 BL	100	8731660000
WTR 2.5/O.TNHE STB2.3	100	8731670000

Type	Current [A]	Qty.	Order No.
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000
width [mm]			
WAP WDU/WTR4/ZR	1.5	50	1905070000
width [mm]			
WEW-35/2	8	100	1061200000
SD 0.6x3.5x100		1	9008330000
PS 2.3 RT		20	0180400000
SIHA 3/G20		25	7921560000
SIHA 3/G20/LD 10-36V		25	7921560000
SIHA 3/G20/LD 140-250V		25	7921560000
BEST		50	1833100000
BEST/DRBR		50	1878570000
BEST/D		50	1878560000
TNST		50	1833090000
DEK 5 / WS 12/5			

Modular disconnect terminals

Modular disconnect terminals enable circuits to be quickly isolated from the supply so that, for example, maintenance or repair work can be carried out.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5	mm
max. current / max. cond. cross-section	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage, feed-through terminal	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version
dark beige Wemid
blue Wemid
without disconnecter, dark beige Wemid

Note

Accessories

Cross-connection, pluggable	
	
	2-pole
	3-pole
	4-pole
	10-pole

End plate / Partition plate	
End plate	dark beige Wemid
Partition plate	dark beige Wemid

End bracket	
	dark beige

Screwdrivers	
	Standard

Test plug	
	Plug dia. 2.3 mm

Holder for cartridge fuse, 5 x 20mm	
	400 V ac/dc, without LED
	10-36 V ac/dc, red LED
	140-250V ac/dc, red LED

Module connector (max. 250 V)	
reversed insertion possible	without fittings
	with wire jumper
	with 1N4007 diode

Disconnecting plug	
	yellow Wemid

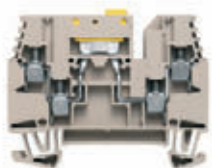
Labelling systems	
(see large assortment in catalogue 7)	
	Marking tags

For detailed information on other accessories and applications see "Accessories"

WTR 2.5/ZZ

2.5 mm²

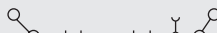
Twin connection



5.1 x 60 x 49

14 / 4

0.13 ... 4



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
400	300	300	
14	10	10	
2.5	AWG 26... 12	AWG 26... 12	
		6 / 3	
		A3 / V-0	



Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.5...0.6 (M3)	
7 / 0.6 x 3.5	

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

Type	Qty.	Order No.
WTR 2.5/ZZ	100	1039900000
WTR 2.5/ZZ BL	100	1039980000

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000

width [mm]	
WAP WTR2.5/ZZ	1.5 20

width [mm]	
WEW-35/2	8 100

SD 0.6x3.5x100	1	9008330000
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SIHA 1/G20	25	9537550000
SIHA 1/G20 10-36V	25	9537560000
SIHA 1/G20 140-250V	25	9537590000

WS 12/5

WDTR 2.5

2.5 mm²

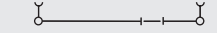
Double disconnect terminal



6.2 x 94 x 69

14 / 4

0.05 ... 4



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
400	300	300	
10	10	10	
2.5	AWG 30... 12	AWG 26... 12	
		4 / 3	
		A3 / V-0	



Rated connection	
0.5...4 / 1.5...4	
0.5...2.5 / 0.5...2.5	
0.5...0.6 (M3)	
8 / 0.6 x 3.5	

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

Type	Qty.	Order No.
WDTR 2.5	25	9528070000
WDTR 2.5 BL	25	9528080000

Type	Current [A]	Qty.	Order No.

width [mm]	

width [mm]	
WEW-35/2	8 100

SD 0.6x3.5x100	1	9008330000
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WS 8/5

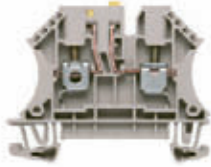
External cross-connection is possible with VQB 1.5/50, see chapter Accessories.

WTR 4

4 mm²

with clamping screw

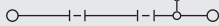
n



6.1 x 60 x 48.6

32 / 6

0.33 ... 6



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
400	300	300	
32	10	10	
4	AWG 22... 10	AWG 22... 10	
	6 / 3		
	A4 / V-0		



Rated connection

0.5...6 / 1.5...4

0.5...4 / 0.5...4

0.5...0.6 (M3)

13 / 0.6 x 3.5

0.5...1.5

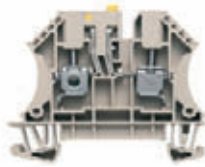
0.5...1.5 / 0.5...1.5

WTR 4 StB

4 mm²

with socket

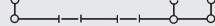
n



6.1 x 60 x 48.6

32 / 6

0.33 ... 6



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
400	300	300	
32	10	10	
4	AWG 22... 10	AWG 22... 10	
	6 / 3		
	A4 / V-0		



Rated connection

0.5...6 / 1.5...6

0.5...4 / 0.5...4

0.5...0.6 (M3)

13 / 0.6 x 3.5

0.5...1.5

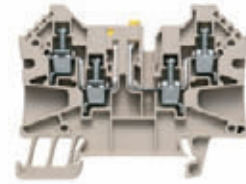
0.5...1.5 / 0.5...1.5

WTR 4/ZZ

4 mm²

Twin connection with clamping screw

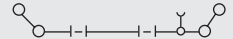
n



6.1 x 70 x 53.5

27 / 6

0.13 ... 6



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
500			
27			
4			
	6 / 3		
	A4 / V-0		

Rated connection

0.5...6 / 0.5...6

0.5...4 / 0.5...4

0.5...0.6 (M3)

10 / 0.6 x 3.5

0.5...1.5

0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WTR 4	50	7910180000
WTR 4 BL	50	7910190000

Type	Qty.	Order No.
WTR 4 StB	50	7910210000
WTR 4 StB BL	50	7910220000

Type	Qty.	Order No.
WTR 4/ZZ	50	1905090000

Type	Current [A]	Qty.	Order No.
ZQV 4N/2 GE	32	60	1758250000
ZQV 4N/3 GE	32	60	1762630000
ZQV 4N/4 GE	32	60	1762620000
ZQV 4N/10 GE	32	20	1758260000
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
width [mm]			
WEW-35/2	8	100	1061200000
SD 0.6x3.5x100		1	9008330000
SIHA 3/G20	25		7921560000
SIHA 3/G20/LD 10-36V	25		7921560000
SIHA 3/G20/LD 140-250V	25		7921560000
BEST	50		1833100000
BEST/DRBR	50		1878570000
BEST/D	50		1878560000
TNST	50		1833090000

DEK 5 / WS 12/5

Type	Current [A]	Qty.	Order No.
ZQV 4N/2 GE	32	60	1758250000
ZQV 4N/3 GE	32	60	1762630000
ZQV 4N/4 GE	32	60	1762620000
ZQV 4N/10 GE	32	20	1758260000
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
width [mm]			
WEW-35/2	8	100	1061200000
SD 0.6x3.5x100		1	9008330000
PS 2.3 RT		20	0180400000
SIHA 3/G20	25		7921560000
SIHA 3/G20/LD 10-36V	25		7921560000
SIHA 3/G20/LD 140-250V	25		7921560000
BEST	50		1833100000
BEST/DRBR	50		1878570000
BEST/D	50		1878560000
TNST	50		1833090000

DEK 5 / WS 12/5

Type	Current [A]	Qty.	Order No.
ZQV 4N/2 GE	32	60	1758250000
ZQV 4N/3 GE	32	60	1762630000
ZQV 4N/4 GE	32	60	1762620000
ZQV 4N/10 GE	32	20	1758260000
width [mm]			
WAP WDU/WTR4/ZZ	1.5	50	1905150000
width [mm]			
WEW-35/2	8	100	1061200000
SD 0.6x3.5x100		1	9008330000
SIHA 3/G20	25		7921560000
SIHA 3/G20/LD 10-36V	25		7921560000
SIHA 3/G20/LD 140-250V	25		7921560000
BEST	50		1833100000
BEST/DRBR	50		1878570000
BEST/D	50		1878560000
TNST	50		1833090000

DEK 5 / WS 12/5

Modular disconnect terminals

Modular disconnect terminals enable circuits to be quickly isolated from the supply so that, for example, maintenance or repair work can be carried out.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5	mm
max. current / max. cond. cross-section	A/mm²
max. clamping range	mm²

Technical data

Rated data	
Rated voltage, feed-through terminal	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version
dark beige Wemid
blue Wemid
without disconnecter, dark beige Wemid

Note

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole

End plate / Partition plate	
End plate	dark beige Wemid
Partition plate	dark beige Wemid

End bracket	
	dark beige

Screwdrivers	
	Standard

Test plug	
	Plug dia. 2.3 mm

Holder for cartridge fuse, 5 x 20mm	
	400 V ac/dc, without LED
	10-36 V ac/dc, red LED
	140-250V ac/dc, red LED

Module connector (max. 250 V)	
reversed insertion possible	without fittings
	with wire jumper
	with 1N4007 diode

Disconnecting plug	
	yellow Wemid

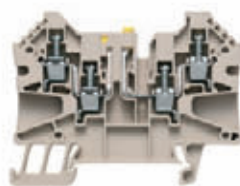
Labelling systems	
(see large assortment in catalogue 7)	Marking tags

For detailed information on other accessories and applications see "Accessories"

WTR 4/ZZ StB

4 mm²

Twin connection with socket



6.1 x 70 x 53.5

27 / 6

0.13 ... 6



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
500			
27			
4			
	6 / 3		
	A4 / V-0		

Rated connection

0.5...6 / 0.5...6
0.5...4 / 0.5...4
0.5...0.8 (M3)
10 / 0.6 x 3.5

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

WTR 4/ZR

4 mm²

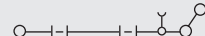
Supplementary connection, right, with clamping screw



6.1 x 63.5 x 53.5

27 / 6

0.13 ... 6



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
500			
27			
4			
	6 / 3		
	A4 / V-0		

Rated connection

0.5...6 / 0.5...6
0.5...4
0.5...0.8 (M3)
10 / 0.6 x 3.5

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

Type	Qty.	Order No.
WTR 4/ZZ STB	50	1905100000

Type	Qty.	Order No.
WTR 4/ZR	50	1905080000

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

width [mm]	
WAP WDU/WTR4/ZZ	1.5 50 1905150000

width [mm]	
WEW-35/2	8 100 1061200000

SD 0.6x3.5x100	1	9008330000
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PS 2.3 RT	20	0180400000
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SIHA 3/G20	25	7921560000
SIHA 3/G20/LD 10-36V	25	7921560000
SIHA 3/G20/LD 140-250V	25	7921560000

BEST	50	1833100000
BEST/DRBR	50	1878570000
BEST/D	50	1878560000

TNST	50	1833090000
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DEK 5 / WS 12/5

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

width [mm]	
WAP WDU/WTR4/ZR	1.5 50 1905070000

width [mm]	
WEW-35/2	8 100 1061200000

SD 0.6x3.5x100	1	9008330000
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PS 2.3 RT	20	0180400000
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SIHA 3/G20	25	7921560000
SIHA 3/G20/LD 10-36V	25	7921560000
SIHA 3/G20/LD 140-250V	25	7921560000

BEST	50	1833100000
BEST/DRBR	50	1878570000
BEST/D	50	1878560000

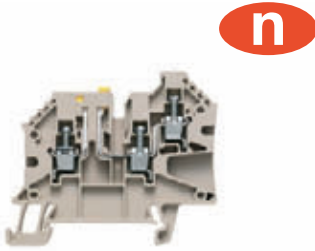
TNST	50	1833090000
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DEK 5 / WS 12/5

WTR 4/ZR StB

4 mm²

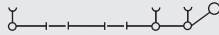
Supplementary connection, right, with socket



6.1 x 63.5 x 53.5

27 / 6

0.13 ... 6



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
500			
27			
4			
	6 / 3		
	A4 / V-0		

Rated connection

0.5...6 / 0.5...6

0.5...4 / 0.5...4

0.5...0.8 (M3)

10 / 0.6 x 3.5

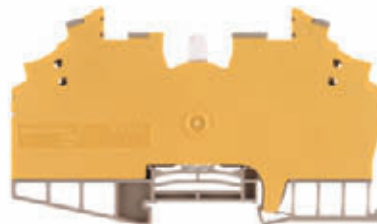
0.5...1.5

0.5...1.5 / 0.5...1.5

WDT 1.5/1

1.5 mm²

Disconnection lower level



6.4 x 112 x 66.7

10 / 2.5

0.13 ... 2.5



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
250	300	300	
10	10	10	
1.5	AWG 22... 14	AWG 26... 14	
	4 / 3		
	A2 / V-0		



Rated connection

0.5...2.5 / 1.5...2.5

0.5...1.5 / 0.5...1.5

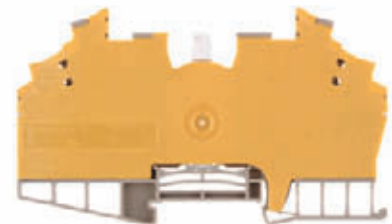
0.4...0.6 (M2.5)

10 / 0.6 x 3.5

WDT 1.5/2

1.5 mm²

Disconnection both levels



6.4 x 112 x 66.7

10 / 2.5

0.13 ... 2.5



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
250	300	300	
10	10	10	
1.5	AWG 22... 14	AWG 26... 14	
	4 / 3		
	A2 / V-0		



Rated connection

0.5...2.5 / 1.5...2.5

0.5...1.5 / 0.5...1.5

0.4...0.6 (M2.5)

10 / 0.6 x 3.5

Type	Qty.	Order No.
WTR 4/ZR STB	50	1905110000

Type	Qty.	Order No.
WDT 1.5/1 DB/GE	25	1015800000

Type	Qty.	Order No.
WDT 1.5/2 DB/GE	25	1015900000

Type	Current [A]	Qty.	Order No.
ZQV 4N/2 GE	32	60	1758250000
ZQV 4N/3 GE	32	60	1762630000
ZQV 4N/4 GE	32	60	1762620000
ZQV 4N/10 GE	32	20	1758260000
width [mm]			
WAP WDU/WTR4/ZR	1.5	50	1905070000
width [mm]			
WEW-35/2	8	100	1061200000
SD 0.6x3.5x100		1	9008330000
PS 2.3 RT		20	0180400000
SIHA 3/G20		25	7921560000
SIHA 3/G20/LD 10-36V		25	7921560000
SIHA 3/G20/LD 140-250V		25	7921560000
BEST		50	1833100000
BEST/DRBR		50	1878570000
BEST/D		50	1878560000
TNST		50	1833090000
DEK 5 / WS 12/5			

Type	Current [A]	Qty.	Order No.
WEW-35/2	8	100	1061200000
SD 0.6x3.5x100		1	9008330000
width [mm]			
width [mm]			
WS 8/5			

Type	Current [A]	Qty.	Order No.
WEW-35/2	8	100	1061200000
SD 0.6x3.5x100		1	9008330000
width [mm]			
width [mm]			
WS 8/5			

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5	mm
max. current / max. cond. cross-section	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage, adjacent terminal	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -
2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Note	

Ordering data

Version		
dark beige Wemid	400 V ac/dc, without LED	
	10-36 V ac/dc, with LED	
	30-70V ac/dc, with LED	
	60-150 V ac/dc, with LED	
	140-250V ac/dc, with LED	
Note		

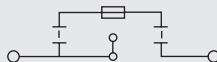
Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate (after last terminal)	
	End plate, Wemid
	Partition plate, Wemid
Screwdrivers	
	with cutting device "swifty set"
	Standard
Cartridge fuse, 5 x 20mm (IEC 60127-2)	
Rated voltage 250 V	0.25 A quick-blow
Rated breaking capacity 1500 A	0.5 A quick-blow
(at 250V / 50Hz / cos j = 0.7)	1 A quick-blow
	2 A quick-blow
G25 with indicator / imperial fuse	
G25 (DIN 41 576 / 250V)	0.5 A medium time-lag / 2 A
Rated voltage 250 V	1 A medium time-lag / 3 A
Imperial fuse, 1/4 x 1 1/4	2 A quick-blow / 5 A
Rated voltage 440 V	4 A quick-blow / 10 A
Labelling systems	
	(see large assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications see "Accessories"	

WTR 2.5/SI

2.5 mm²

5.1 x 60 x 80.5
6.3 / 4
0.05 ... 4



IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 60079-7
400	300	300	
6.3	6.3	6.3	
2.5	AWG 30... 12	AWG 26... 12	
		6 / 3	
		A3 / V-0	



Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.8 (M 2.5)
10 / 0.6 x 3.5

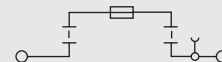
0.5...1.5
0.5...1.5 / 0.5...1.5

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

WTR 4/SI

4 mm²

6.1 x 60 x 80.5
6.3 / 6
0.33 ... 6



IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 60079-7
400	300	300	
6.3	6.3	6.3	
4	AWG 22... 10	AWG 22... 10	
		6 / 3	
		A4 / V-0	



Rated connection

0.5...6 / 1.5...6
0.5...4 / 0.5...4
0.5...1.0 (M 3)
13 / 0.6 x 3.5

0.5...2.5
0.5...1.5 / 0.5...1.5

The rated current of the terminal is determined by the max. power loss of 1.6 W at the cartridge fuse.

Type	Qty.	Order No.
WTR 2.5/SI	25	1763940000
WTR 2.5/SI LD 36V	25	1763950000
WTR 2.5/SI LD 70V	25	1763960000
WTR 2.5/SI LD 150V	25	1763970000
WTR 2.5/SI LD 250V	25	1763980000
Note		
UL/CSA specified for 400 V cartridge fuse; otherwise the specified voltage range also applies for UL/CSA.		

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

Type	Current [A]	Qty.	Order No.
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
SD 0.6x3.5x100		1	9008330000
G 20/0.25A/F		10	0430500000
G 20/0.5A/F		10	0430600000
G 20/1A/F		10	0430700000
G 20/2A/F		10	0430900000
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
SD 0.6x3.5x100		1	9008330000
G 20/0.25A/F		10	0430500000
G 20/0.5A/F		10	0430600000
G 20/1A/F		10	0430700000
G 20/2A/F		10	0430900000
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
SD 0.6x3.5x100		1	9008330000
G 20/0.25A/F		10	0430500000
G 20/0.5A/F		10	0430600000
G 20/1A/F		10	0430700000
G 20/2A/F		10	0430900000
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
SD 0.6x3.5x100		1	9008330000
G 20/0.25A/F		10	0430500000
G 20/0.5A/F		10	0430600000
G 20/1A/F		10	0430700000
G 20/2A/F		10	0430900000
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
SD 0.6x3.5x100		1	9008330000
G 20/0.25A/F		10	0430500000
G 20/0.5A/F		10	0430600000
G 20/1A/F		10	0430700000
G 20/2A/F		10	0430900000
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
SD 0.6x3.5x100		1	9008330000
G 20/0.25A/F		10	0430500000
G 20/0.5A/F		10	0430600000
G 20/1A/F		10	0430700000
G 20/2A/F		10	0430900000
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
SD 0.6x3.5x100		1	9008330000
G 20/0.25A/F		10	0430500000
G 20/0.5A/F		10	0430600000
G 20/1A/F		10	0430700000
G 20/2A/F		10	0430900000
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
SD 0.6x3.5x100		1	9008330000
G 20/0.25A/F		10	0430500000
G 20/0.5A/F		10	0430600000
G 20/1A/F		10	0430700000
G 20/2A/F		10	0430900000
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
SD 0.6x3.5x100		1	9008330000
G 20/0.25A/F		10	0430500000
G 20/0.5A/F		10	0430600000
G 20/1A/F		10	0430700000
G 20/2A/F		10	0430900000
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
SD 0.6x3.5x100		1	9008330000
G 20/0.25A/F		10	0430500000
G 20/0.5A/F		10	0430600000
G 20/1A/F		10	0430700000
G 20/2A/F		10	0430900000
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
SD 0.6x3.5x100		1	9008330000
G 20/0.25A/F		10	0430500000
G 20/0.5A/F		10	0430600000
G 20/1A/F		10	0430700000
G 20/2A/F		10	0430900000
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
SD 0.6x3.5x100		1	9008330000
G 20/0.25A/F		10	0430500000
G 20/0.5A/F		10	0430600000
G 20/1A/F		10	0430700000
G 20/2A/F		10	0430900000
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
SD 0.6x3.5x100		1	9008330000
G 20/0.25A/F		10	0430500000
G 20/0.5A/F		10	0430600000
G 20/1A/F		10	0430700000
G 20/2A/F		10	0430900000
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
SD 0.6x3.5x100		1	9008330000
G 20/0.25A/F		10	0430500000
G 20/0.5A/F		10	0430600000
G 20/1A/F		10	0430700000
G 20/2A/F		10	0430900000
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
SD 0.6x3.5x100		1	9008330000
G 20/0.25A/F		10	043

Fuse terminals

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
 max. current / max. cond. cross-section A/mm²
 max. clamping range mm²

Technical data

Rated data	
Rated voltage, adjacent terminal	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note	

Ordering data

Version		
dark beige Wemid	400 V ac/dc, without LED	
	10-36 V ac/dc, with LED	
	30-70V ac/dc, with LED	
	60-150 V ac/dc, with LED	
	140-250V ac/dc, with LED	

Note	

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole

End plate / Partition plate (after last terminal)	
End plate, Wemid	
Partition plate, Wemid	

Screwdrivers	
with cutting device "swifty set"	
Standard	

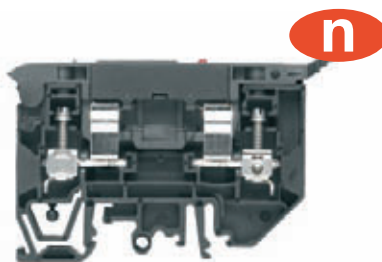
Cartridge fuse, 5 x 20mm (IEC 60127-2)	
Rated voltage 250 V	0.25 A quick-blow
Rated breaking capacity 1500 A	0.5 A quick-blow
(at 250V / 50Hz / cos φ = 0.7)	1 A quick-blow
	2 A quick-blow

G25 with indicator / imperial fuse	
G25 (DIN 41 576 / 250V)	0.5 A medium time-lag / 2 A
Rated voltage 250 V	1 A medium time-lag / 3 A
Imperial fuse, 1/4 x 1 1/4	2 A quick-blow / 5A
Rated voltage 440 V	4 A quick-blow / 10 A

Labelling systems	
(see large assortment in catalogue 7)	
Marking tags	

For detailed information on other accessories and applications see "Accessories"

WSI 4/2

4 mm²

9.1 x 81.6 x 54
15 / 4
0.5 ... 4

IEC 60947-7-3 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
500	300	300	
15	15	15	
4	AWG 22... 10	AWG 22... 10	
6 / 3			
A3 / V-0			



Rated connection	
0.5...6 / 0.5...4	
0.5...4 / 0.5...4	
0.5...0.6 (M3)	
10 / 0.6 x 3.5	

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

width x length x height with TS 32 = 9.1 x 81.6 x 58.5 mm	

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

Note		

Type	Current [A]	Qty.	Order No.

width [mm]			
WAP WSI4/2	50	1880450000	

SWIFTY SET			
SD 0.6x3.5x100	1	9006060000	
	1	9008330000	

GZ 2.0A			
GZ 2.0A	10	0294500000	
GZ 3.0A	10	0295700000	
GZ 5.0A	10	0294600000	
GZ 10.0A	10	0293900000	

DEK 5 / WS 12/6			
Dummy cartridge fuse order No. 1582770000			

WSI 4

4 mm²

8 x 50.7 x 39.4
15 / 4
0.5 ... 4

IEC 60947-7-3 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
500	300	300	
12	15	15	
4	AWG 22... 12	AWG 22... 12	
6 / 3			
A3 / V-0			



Rated connection	
0.5...4 / 0.5...4	
0.5...4 / 0.5...4	
0.5...0.6 (M3)	
8 / 0.6 x 3.5	

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

width x length x height with TS 32 = 8 x 50.7 x 39.4 mm	

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

Note		

Type	Current [A]	Qty.	Order No.

width [mm]			

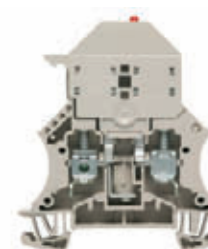
SWIFTY SET			
SD 0.6x3.5x100	1	9006060000	
	1	9008330000	

G 20/0.25A/F			
G 20/0.25A/F	10	0430500000	
G 20/0.5A/F	10	0430600000	
G 20/1A/F	10	0430700000	
G 20/2A/F	10	0430900000	

DEK 5 / WS 12/6			

6 mm²

Metric fuses / bipolar LED



The diagram shows a full-bridge rectifier circuit. It consists of four diodes connected in a bridge configuration. A load resistor is connected across the output terminals of the bridge. A freewheeling diode is connected in parallel with the load resistor, with its cathode towards the positive output terminal. The circuit is connected to a DC voltage source on the left and has an output terminal on the right.

IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 60079-7
500	300	300	
6.3	6.3	6.3	
6	AWG 20... 8	AWG 20... 8	
	6 / 3		
	A5 / V-0		



Rated connection

$$12 / 4.0 \times 0.8$$

0.5...2.5 / 0.5...2.5

Cartridge fuses or contact sleeves have to be inserted centrally. A defective fuse causes a residual current to flow via the LED!

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

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

Type	Current [A]	Qty.	Order No.
QL 2 SAK6N	57 A	50	0194300000
QL 3 SAK6N	57 A	50	0194400000
QL 4 SAK6N	57 A	50	0194500000
QL 10 SAK6N	32 A	20	0338300000
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
SD 0.8x4.0x100		1	9008340000
G 20/0.25A/F		10	0430500000
G 20/0.5A/F		10	0430600000
G 20/1A/F		10	0430700000
G 20/2A/F		10	0430900000

WS 12/6,5

Screw M3 x 5 order No. 1052100000 for QL 2 - QL 10. Spare disconnection lever order No. 103660000 (5 pcs)

Fuse terminals

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5	mm
max. current / max. cond. cross-section	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage, adjacent terminal	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version		
dark beige Wemid	400 V ac/dc, without LED	
	10-36 V ac/dc, with LED	
	30-70V ac/dc, with LED	
	60-150 V ac/dc, with LED	
	140-250V ac/dc, with LED	

Note

Accessories

Cross-connection (screwed)		
	2-pole	
	3-pole	
	4-pole	
	10-pole	
	Cartridge fuses	
	Fixing screw	

End plate / Partition plate (after last terminal)

End plate, dark beige Wemid	
Partition plate, dark beige Wemid	

Screw cover cap

Cartridge fuses

Rated voltage
see chapter
Accessories

Gauge pieces

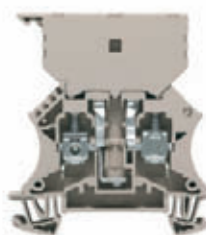
Labelling systems	
(see large assortment in catalogue 7)	
Marking tags	

For detailed information on other accessories and applications see "Accessories"

WSI 6/2

6 mm²

Imperial fuses



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



IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 60079-7
500	600	600	
6.3	6.3	6.3	
6	AWG 20... 8	AWG 20... 8	
6 / 3			
A5 / V-0			



Rated connection

0.5...10 / 1.5...10
0.5...10 / 0.5...6
0.8...1.6 (M 3.5)
12 / 4.0 x 0.8

Cartridge fuses or contact sleeves have to be inserted centrally.

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

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

Type	Current [A]	Qty.	Order No.
QL 2 SAK16	76 A	50	0470700000
QL 3 SAK16	76 A	50	0470800000
QL 4 SAK16	76 A	50	0470900000
QL 10 SAK16	76 A	20	0471000000
SS M3 D 128-A 3		50	0164400000
KISC M3X5		100	1052100000

width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000

GZ 2.0A	10	0294500000
GZ 3.0A	10	0295700000
GZ 5.0A	10	0294600000
GZ 10.0A	10	0293900000

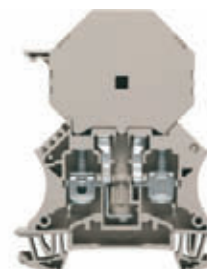
WS 12/6,5

Cross-connection, see section W-series accessories

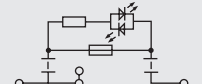
WSI 6/2 with LED

6 mm²

Imperial fuses / bipolar LED



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



IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 60079-7
500	220	220	
6.3	6.3	6.3	
6	AWG 20... 8	AWG 20... 8	
6 / 3			
A5 / V-0			



Rated connection

0.5...10 / 1.5...10
0.5...10 / 0.5...6
0.8...1.6 (M 3.5)
12 / 4.0 x 0.8

0.5...2.5
0.5...2.5 / 0.5...2.5

Cartridge fuses or contact sleeves have to be inserted centrally.

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

Type	Current [A]	Qty.	Order No.
QL 2 SAK16	76 A	50	0470700000
QL 3 SAK16	76 A	50	0470800000
QL 4 SAK16	76 A	50	0470900000
QL 10 SAK16	76 A	20	0471000000
SS M3 D 128-A 3		50	0164400000
KISC M3X5		100	1052100000

width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000

GZ 2.0A	10	0294500000
GZ 3.0A	10	0295700000
GZ 5.0A	10	0294600000
GZ 10.0A	10	0293900000

WS 12/6,5

Cross-connection, see section W-series accessories

SAKS 2/35 DB

10 mm²

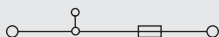
D-fuses E16



27.6 x 80 x 75

10 / 16

0.33 ... 16



IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 60079-7
500		600	
10		25	
10		AWG 22... 8	
	6 / 3		
	B6 / 5VA		



Rated connection

0.5...16 / 0.5...10

0.5...10 / 0.5...10

1.2...2.4 (M 4)

12 / 1.0 x 5.5

Connections for stranded conductors from 10 mm² require a tightening torque of 2 Nm.

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

Type	Current [A]	Qty.	Order No.
QL 2 SAKS2	47 A	20	0207800000
QL 3 SAKS2	36 A	20	0207900000
QL 4 SAKS2	36 A	20	0208000000
QL 10 SAKS2	36 A	20	0338900000
SS M4 D 128-A 4		100	0136400000
BFSC M4X9T		100	0103300000
width [mm]			
WTW EN	3	20	1058800000
SK E16/SAKS2		25	0284110000
E 16/10A RT TNDZ	25		0208500000
E 16/16A GR TNDZ	25		0208600000
E 16/20A BL TNDZ	25		0208700000
E 16/25A GE TNDZ	25		0208800000
P 16/10 RT SAKS2	100		0208900000
P 16/16 GR SAKS2	100		0209000000
P 16/20 BL SAKS2	100		0209100000

DEK 5

Spare screw cap, order No. 0284110000 (20 pcs)

SAKS 4/35 DB

10 mm²

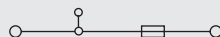
D 01 fuses E14



24 x 75 x 66

16 / 16

0.33 ... 16



IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 60079-7
400	600	600	
16	30	30	
10	AWG 22... 8	AWG 22... 8	
	6 / 3		
	B6 / 5VA		

Rated connection

0.5...16 / 0.5...10

0.5...10 / 0.5...10

1.2...2.4 (M 4)

14 / 1.0 x 5.5

400V also available with Neozed shipbuilding fuse. Connections for stranded conductors from 10 mm² require a tightening torque of 1.6 Nm.

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

Type	Current [A]	Qty.	Order No.
QL 2 SAKS4	47 A	20	0328000000
QL 3 SAKS4	36 A	20	0328100000
QL 4 SAKS4	36 A	20	0328200000
QL 10 SAKS4	36 A	20	0339000000
SS M4 D 128-A 4		100	0136400000
BFSC M4X9T		100	0103300000
width [mm]			
WTW EN	3	20	1058800000
SK E14 SAKS4		20	0339410000
E 14/2A RS	10		0137400000
E 14/4A BR	10		0137500000
E 14/6A GN	10		0328300000
E 14/10A RT	10		0328400000
P 14/2 D01 RS SAKS4	50		0138000000
P 14/4 D01 BR SAKS4	50		0138100000

DEK 5

Spare screw cap, order No. 0339410000 (20 pcs)

SAKS 5/35 DB

10 mm²

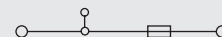
D 02 fuse E18



28 x 80 x 66

63 / 16

1.5 ... 16



IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 60079-7
400	600	600	
57	40	63	
10	AWG 14... 6	AWG 14... 6	
	6 / 3		
	B7 / 5VA		

Rated connection

1.5...16 / 1.5...16

1.5...16 / 1.5...16

1.2...2.4 (M 4)

13 / 1.0 x 5.5

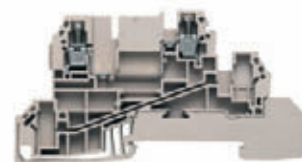
400V also available with Neozed shipbuilding fuse. Tightening torque for stranded conductors is 2 Nm.

Type	Qty.	Order No.
SAKS 5/35 DB	20	0502100000
Material thermosetting plastic KRG		

Type	Current [A]	Qty.	Order No.
QL 2 SAKS2	47 A	20	0207800000
QL 3 SAKS2	36 A	20	0207900000
QL 4 SAKS2	36 A	20	0208000000
QL 10 SAKS2	36 A	20	0338900000
SS M4 D 128-A 4		100	0136400000
BFSC M4X9T		100	0103300000
width [mm]			
WTW EN	3	20	1058800000
SK E18 SAKS5		20	0359310000
E 18/20A BL	10		0361300000
E 18/25A GE	10		0361400000
E 18/35A SW	10		0361500000
E 18/50A WS	10		0361600000
P 18/20 D02 BL SAKS5	50		0361800000
P 18/25 D02 GE SAKS5	50		0361900000
P 18/35 D02 SW SAKS5	50		0362000000
P 18/50 D02 WS SAKS5	50		0362100000

DEK 5

Spare screw cap, order No. 0359310000 (20 pcs)

2.5 mm²

IEC 60947-7-1 / VDE 0611-4

IEC	UL	CSA	EN 60079-7
400	300	300	
24	15	10	
2.5	AWG 22... 12	AWG 26... 12	
6 / 3			
A3 / A4 / V-0			



Rated connection

0.4...0.6 (M 2.5)

Further connection refers to clamping point top left (A4)
2 conductors, 1.5 mm², solid, 0.6 Nm tightening torque

Type	Qty.	Order No.
WDL 2.5/L	50	1030400000
WDL 2.5/N order No. 1030100000 (upper connection marked blue)		

Type	Current [A]	Qty.	Order No.
Q 2 WDL2.5S	24	50	1071500000
Q 3 WDL2.5S	24	50	1071600000
Q 4 WDL2.5S	24	50	1071700000
Q 10 WDL2.5S	24	20	1071800000
Q 20 WDL2.5S	24	20	1074200000

width [mm]

width [mm]

width [mm]

SWIFTY SET

SD| 0.6x3.5x100

width [mm]

WS 8/5

Installation terminals

Distribution terminals with 10x3 bus-bar

Space-saving wiring of 3-phase circuits with just two terminals.

width x length x height with TS 35 x 7.5 mm
 max. current / max. cond. cross-section A/mm²
 max. clamping range mm²

Technical data

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

Note

Ordering data

Version	
	dark beige Wemid
	blue Wemid
Note	

Accessories

Cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wemid
	blue Wemid
Mounting plate for 10 x 3 (required every 200 mm)	
	blue Wemid
	for vertical installation position
End bracket	
	dark beige
Screwdrivers	
	with cutting device "swifty set"
	Standard
Busbar 10 x 3 (140A)	
	(further types in chapter F)
	top of busbar to top of TS 35 = 25.5 mm
Tension clamp for supplying 10 x 3 busbars	
	rigid / flexible 0.5 - 6 / 4mm ²
	rigid / flexible 6 - 16 / 4mm ²
	flexible 16 - 35mm ²
Marking systems	
	(see large assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications see "Accessories"	

WDL 2.5/S/NT/L/PE

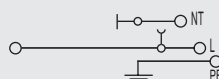
2.5 mm²



6.1 x 84.5 x 49

32 / 4

0.13 ... 4



IEC 60947-7-1 (-7-2) / VDE 0611-4

IEC	UL	CSA	EN 60079-7
400	300	300	
24	15	10	
2.5	AWG 22... 12	AWG 26... 12	
		4 / 3	
		A3 / V-0	



Rated connection

0.5...4 / 1.5...4

0.5...4 / 0.5...2.5

8 / 0.6 x 3.5

0.4...0.6 (M 2.5)

Rated voltage L-PE and L-NT is 250 V
 Tightening torque, disconnector 0.4...0.6 Nm

WDL 2.5/S/L/L

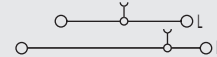
2.5 mm²



6.1 x 84.5 x 49

32 / 4

0.13 ... 4



IEC 60947-7-1 / VDE 0611-4

IEC	UL	CSA	EN 60079-7
400	300	300	
24	15	10	
2.5	AWG 22... 12	AWG 26... 12	
		6 / 3	
		A3 / V-0	



Rated connection

0.5...4 / 1.5...4

0.5...4 / 0.5...2.5

8 / 0.6 x 3.5

0.4...0.6 (M 2.5)

Type	Qty.	Order No.
WDL 2.5/S/NT/L/PE	50	1030600000
PE connection marked green/yellow, 3-phase circuit in combination with WDL 2.5/S/L/L		

Type	Qty.	Order No.
WDL 2.5/S/L/L	50	1031200000
WDL 2.5/S/N/L order No. 1030800000 (upper connection marked blue)		

Type	Current [A]	Qty.	Order No.
Q 2 WDL2.5S	24	50	1071500000
Q 3 WDL2.5S	24	50	1071600000
Q 4 WDL2.5S	24	50	1071700000
Q 10 WDL2.5S	24	20	1071800000

width [mm]	
WAP WDL2.5/S	1.5 20 1067700000

width [mm]	
WHP WDL2.5/S BL	1.5 20 1067980000

width [mm]	
WEW-35/2	8 100 1061200000

width [mm]	
SWIFTY SET	1 9006060000
SD 0.6x3.5x100	1 9008330000

width [mm]	
SSCH 10X3X1000 CU/SN	1 0348900000

width [mm]	
ZB 4	5.6 50 0316500000
ZB 16 ZKSC	10 50 0316600000
ZB 35/M6X16	14 20 0266500000

width [mm]	
WS 8/5	

Type	Current [A]	Qty.	Order No.
Q 2 WDL2.5S	24	50	1071500000
Q 3 WDL2.5S	24	50	1071600000
Q 4 WDL2.5S	24	50	1071700000
Q 10 WDL2.5S	24	20	1071800000

width [mm]	
WAP WDL2.5/S	1.5 20 1067700000

width [mm]	
WHP WDL2.5/S BL	1.5 20 1067980000

width [mm]	
WEW-35/2	8 100 1061200000

width [mm]	
SWIFTY SET	1 9006060000
SD 0.6x3.5x100	1 9008330000

width [mm]	
SSCH 10X3X1000 CU/SN	1 0348900000

width [mm]	
ZB 4	5.6 50 0316500000
ZB 16 ZKSC	10 50 0316600000
ZB 35/M6X16	14 20 0266500000

width [mm]	
WS 8/5	

WDL 2.5/S/N/L/PE

2.5 mm²

6.1 x 84.5 x 49

32 / 4

0.13 ... 4



IEC 60947-7-1 (-7-2) / VDE 0611-4

IEC	UL	CSA	EN 60079-7
400	300	300	
24	15	10	
2.5	AWG 22... 12	AWG 26... 12	
4 / 3			
A3 / V-0			



Rated connection

0.5...4 / 1.5...4

0.5...4 / 0.5...2.5

8 / 0.6 x 3.5

0.4...0.6 (M 2.5)

L-PE / L-N 250 V

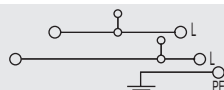
WDL 2.5/S/L/L/PE

2.5 mm²

6.1 x 84.5 x 49

32 / 4

0.13 ... 4



IEC 60947-7-1 (-7-2) / VDE 0611-4

IEC	UL	CSA	EN 60079-7
400	300	300	
24	15	10	
2.5	AWG 22... 12	AWG 26... 12	
4 / 3			
A3 / V-0			



Rated connection

0.5...4 / 1.5...4

0.5...4 / 0.5...2.5

8 / 0.6 x 3.5

0.4...0.6 (M 2.5)

L-PE 250 V

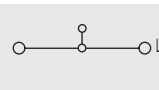
WDL 2.5/S/L

2.5 mm²

6.1 x 84.5 x 49

32 / 4

0.13 ... 4



IEC 60947-7-1 / VDE 0611-4

IEC	UL	CSA	EN 60079-7
400	300	300	
24	15	10	
2.5	AWG 22... 12	AWG 26... 12	
6 / 3			
A3 / V-0			



Rated connection

0.5...4 / 1.5...4

0.5...4 / 0.5...2.5

8 / 0.6 x 3.5

0.4...0.6 (M 2.5)

Type	Qty.	Order No.
WDL 2.5/S/N/L/PE	50	1030700000
PE connection marked green/yellow		

Type	Qty.	Order No.
WDL 2.5/S/L/L/PE	50	1031100000
PE connection marked green/yellow		

Type	Qty.	Order No.
WDL 2.5/S/L	50	1031300000
WDL 2.5/S/N order No. 1031300000 (connection marked blue)		

Type	Current [A]	Qty.	Order No.
Q 2 WDL2.5S	24	50	1071500000
Q 3 WDL2.5S	24	50	1071600000
Q 4 WDL2.5S	24	50	1071700000
Q 10 WDL2.5S	24	20	1071800000

width [mm]	Qty.	Order No.
WAP WDL2.5/S	1.5 20	1067700000

width [mm]	Qty.	Order No.
WHP WDL2.5/S BL	1.5 20	1067980000

width [mm]	Qty.	Order No.
WEW-35/2	8 100	1061200000

width [mm]	Qty.	Order No.
SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000

width [mm]	Qty.	Order No.
SSCH 10X3X1000 CU/SN	1	0348900000

width [mm]	Qty.	Order No.
ZB 4	5.6 50	0316500000
ZB 16 ZKSC	10 50	0316600000
ZB 35/M6X16	14 20	0266500000

WS 8/5

Type	Current [A]	Qty.	Order No.
Q 2 WDL2.5S	24	50	1071500000
Q 3 WDL2.5S	24	50	1071600000
Q 4 WDL2.5S	24	50	1071700000
Q 10 WDL2.5S	24	20	1071800000

width [mm]	Qty.	Order No.
WAP WDL2.5/S	1.5 20	1067700000

width [mm]	Qty.	Order No.
WHP WDL2.5/S BL	1.5 20	1067980000

width [mm]	Qty.	Order No.
WEW-35/2	8 100	1061200000

width [mm]	Qty.	Order No.
SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000

width [mm]	Qty.	Order No.
SSCH 10X3X1000 CU/SN	1	0348900000

width [mm]	Qty.	Order No.
ZB 4	5.6 50	0316500000
ZB 16 ZKSC	10 50	0316600000
ZB 35/M6X16	14 20	0266500000

WS 8/5

Type	Current [A]	Qty.	Order No.
Q 2 WDL2.5S	24	50	1071500000
Q 3 WDL2.5S	24	50	1071600000
Q 4 WDL2.5S	24	50	1071700000
Q 10 WDL2.5S	24	20	1071800000

width [mm]	Qty.	Order No.
WAP WDL2.5/S	1.5 20	1067700000

width [mm]	Qty.	Order No.
WHP WDL2.5/S BL	1.5 20	1067980000

width [mm]	Qty.	Order No.
WEW-35/2	8 100	1061200000

width [mm]	Qty.	Order No.
SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000

width [mm]	Qty.	Order No.
SSCH 10X3X1000 CU/SN	1	0348900000

width [mm]	Qty.	Order No.
ZB 4	5.6 50	0316500000
ZB 16 ZKSC	10 50	0316600000
ZB 35/M6X16	14 20	0266500000

WS 8/5

Installation terminals

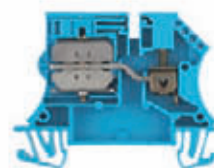
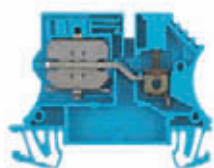
N-conductor disconnect terminals

These special modular terminals are specified for insulation measurements without disconnecting the conductor according to VDE standards for places of public assembly.

WNT 2.5

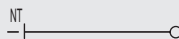
2.5 mm²

WNT 4

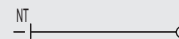
4 mm²

width x length x height with TS 35 x 7.5 mm
 max. current / max. cond. cross-section A/mm²
 max. clamping range mm²

5.1 x 60 x 47
32 / 4
0.13 ... 4



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



Technical data

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

IEC 60947-7-1 / VDE 0611-4

IEC	UL	CSA	EN 60079-7
400	600	600	
24	25	20	
2.5	AWG 22... 12	AWG 26... 12	
6 / 3			
A3 / V-0			



Rated connection

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

Tightening torque, N-disconnector 0.4...0.6 Nm

IEC 60947-7-1 / VDE 0611-4

IEC	UL	CSA	EN 60079-7
400	600	600	
32	35	35	
4	AWG 22... 10	AWG 26... 10	
6 / 3			
A4 / V-0			



Rated connection

0.5...6 / 1.5...6
 0.5...6 / 0.5...4
 10 / 0.6 x 3.5
 0.5...1.0 (M 3)

Tightening torque, N-disconnector 0.4...0.8 Nm

Ordering data

Version	
	dark beige Wernid
	blue Wernid
Note	

Type	Qty.	Order No.
WNT 2.5 10X3 BE	100	1010600000
WNT 2.5 10X3	100	1010680000
2.5 mm ² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)		

Type	Qty.	Order No.
WNT 4 10X3 BE	100	1010700000
WNT 4 10X3	100	1010780000

Accessories

Cross-connection	
	2-pole 3-pole 4-pole 10-pole 20-/24-pole
End plate / Partition plate	
	dark beige Wernid
	blue Wernid
Mounting plate for 10 x 3 (required every 200 mm)	
	blue Wernid for vertical installation position
End bracket	
	dark beige
Screwdrivers	
	with cutting device "swifty set"
	Standard
Busbar 10 x 3 (140A)	
	(further types in chapter F)
	top of busbar to top of TS 35 = 25.5 mm
Tension clamp for supplying 10 x 3 busbars	
	rigid / flexible 0.5 - 6 / 4mm ²
	rigid / flexible 6 - 16 / 4mm ²
	flexible 16 - 35mm ²
Marking systems	
	(see large assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications see "Accessories"	

Type	Current [A]	Qty.	Order No.
WAP 2.5-10	1.5	50	1050000000
WAP 2.5-10 BL	1.5	50	1050080000
width [mm]			
WHP 2.5-35N/10x3 BL	2	20	1050280000
width [mm]			
WEW-35/2	8	100	1061200000
width [mm]			
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
width [mm]			
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4	5.6	50	0316500000
ZB 16 ZKSC	10	50	0316600000
ZB 35/M6X16	14	20	0266500000
width [mm]			
WS 12/5			

Type	Current [A]	Qty.	Order No.
WAP 2.5-10	1.5	50	1050000000
WAP 2.5-10 BL	1.5	50	1050080000
width [mm]			
WHP 2.5-35N/10x3 BL	2	20	1050280000
width [mm]			
WEW-35/2	8	100	1061200000
width [mm]			
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
width [mm]			
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4	5.6	50	0316500000
ZB 16 ZKSC	10	50	0316600000
ZB 35/M6X16	14	20	0266500000
width [mm]			
WS 12/5			

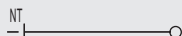
WNT 6

6 mm²

7.9 x 60 x 47

57 / 10

0.5 ... 10



IEC 60947-7-1 / VDE 0611-4

IEC	UL	CSA	EN 60079-7
400	600	600	
41	45	45	
6	AWG 20... 8	AWG 20... 8	
	6 / 3		
	A5 / V-0		



Rated connection

0.5...10 / 1.5...10

0.5...10 / 0.5...6

12 / 4.0 x 0.8

0.8...1.2 (M 3.5)

Tightening torque, N-disconnector 0.8..1.6 Nm

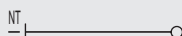
WNT 10

10 mm²

9.9 x 60 x 47

76 / 16

1.31 ... 16



IEC 60947-7-1 / VDE 0611-4

IEC	UL	CSA	EN 60079-7
400	600	600	
57	60	65	
10	AWG 16... 6	AWG 16... 6	
	6 / 3		
	B6 / V-0		



Rated connection

1.5...16 / 1.5...16

1.5...16 / 1.5...16

12 / 1.0 x 5.5

1.2...2.0 (M 4)

Tightening torque, N-disconnector 0.8..1.6 Nm. AWG 6/7 and H07V-R25 conductors require a tightening torque of 1.5 Nm.

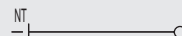
WNT 16N

16 mm²

12 x 60 x 47

101 / 25

1.5 ... 25



IEC 60947-7-1 / VDE 0611-4

IEC	UL	CSA	EN 60079-7
400	300	300	
76	65	65	
16	AWG 14... 6	AWG 14... 6	
	6 / 3		
	B7 / V-0		



Rated connection

1.5...16 / 1.5...25

1.5...16 / 1.5...16

12 / 1.0 x 5.5

1.2...2.2 (M 4)

Tightening torque, N-disconnector 0.8..1.6 Nm. AWG 6/7 and H07V-R25 conductors require a tightening torque of 1.5 Nm.

Type	Qty.	Order No.
WNT 6 10X3 BE	50	1010800000
WNT 6 10X3	50	1010880000

Type	Qty.	Order No.
WNT 10 10X3 BE	50	1010900000
WNT 10 10X3	50	1010980000

Type	Qty.	Order No.
WNT 16N 10X3	50	1019000000

Type	Current [A]	Qty.	Order No.
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 2.5-10 BL	1.5	50	1050080000
width [mm]			
WHP 2.5-35N/10x3 BL	2	20	1050280000
width [mm]			
WEW-35/2	8	100	1061200000
width [mm]			
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
width [mm]			
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4	5.6	50	0316500000
ZB 16 ZKSC	10	50	0316600000
ZB 35/M6X16	14	20	0266500000
width [mm]			
WS 12/5			

Type	Current [A]	Qty.	Order No.
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 2.5-10 BL	1.5	50	1050080000
width [mm]			
WHP 2.5-35N/10x3 BL	2	20	1050280000
width [mm]			
WEW-35/2	8	100	1061200000
width [mm]			
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
width [mm]			
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4	5.6	50	0316500000
ZB 16 ZKSC	10	50	0316600000
ZB 35/M6X16	14	20	0266500000
width [mm]			
WS 12/5			

Type	Current [A]	Qty.	Order No.
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 2.5-10 BL	1.5	50	1050080000
width [mm]			
WHP 2.5-35N/10x3 BL	2	20	1050280000
width [mm]			
WEW-35/2	8	100	1061200000
width [mm]			
SWIFTY SET		1	9006060000
SD 1.0x5.5x150		1	9008350000
width [mm]			
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4	5.6	50	0316500000
ZB 16 ZKSC	10	50	0316600000
ZB 35/M6X16	14	20	0266500000
width [mm]			
WS 12/6,5			

Installation terminals

N-conductor disconnect terminals

These special modular terminals are specified for insulation measurements without disconnecting the conductor according to VDE standards for places of public assembly.

width x length x height with TS 35 x 7.5 mm
 max. current / max. cond. cross-section A/mm²
 max. clamping range mm²

Technical data

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

Ordering data

Version	
	dark beige Wemid
	blue Wemid
Note	

Accessories

Cross-connection	
	2-pole 3-pole 4-pole 10-pole 20-/24-pole
End plate / Partition plate	
	dark beige Wemid blue Wemid
Mounting plate for 10 x 3 (required every 200 mm)	
	blue Wemid for vertical installation position
End bracket	
	dark beige
Screwdrivers	
	with cutting device "swifty set" Standard
Busbar 10 x 3 (140A)	
	(further types in chapter F) top of busbar to top of TS 35 = 25.5 mm
Tension clamp for supplying 10 x 3 busbars	
	rigid / flexible 0.5 - 6 / 4mm ² rigid / flexible 6 - 16 / 4mm ² flexible 16 - 35mm ²
Marking systems	
	(see large assortment in catalogue 7) Marking tags
For detailed information on other accessories and applications see "Accessories"	

WNT 35N

35 mm²

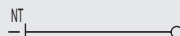
Compact design



16 x 66 x 51

150 / 50

2.5 ... 50



IEC 60947-7-1 / VDE 0611-4

IEC	UL	CSA	EN 60079-7
400			
125			
35			
	6 / 3		
	B8 / V-0		



Rated connection

2.5...16 / 2.5...50

2.5...35 / 2.5...35

18 / 6.5 x 1.2

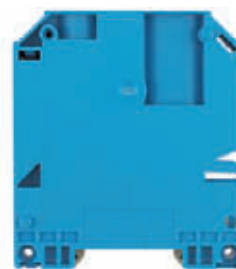
4.0...5.0 (M 6)

Tightening torque, N-disconnector 1.2...2.4 Nm

WNT 70N

70 mm²

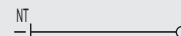
Compact design



20.5 x 75 x 86

207 / 95

10 ... 95



IEC 60947-7-1 / VDE 0611-4

IEC	UL	CSA	EN 60079-7
400	600		
192	175		
70	AWG 6... 2/0		
	6 / 3		
	B11 / V-0		



Rated connection

10...16 / 10...95

10...70 / 10...70

22 / S6 (DIN 6911)

6.0...12 (M 8)

Tightening torque, N-disconnector 2.5...5.0 Nm

Type	Qty.	Order No.
WNT 35N 10X3	20	1718550000

Type	Qty.	Order No.
WNT 70N/35	10	9512210000

Type	Current [A]	Qty.	Order No.

width [mm]	

width [mm]	
WHP 2.5-35N/10x3 BL	2 20 1050280000

width [mm]	
WEW-35/2	8 100 1061200000

width [mm]	
SWIFTY SET	1 9006060000
SD 1.0x5.5x150	1 9008350000

width [mm]	
SSCH 10X3X1000 CU/SN	1 0348900000

width [mm]	
ZB 4	5.6 50 0316500000
ZB 16 ZKSC	10 50 0316600000
ZB 35/M6X16	14 20 0266500000

width [mm]	
WS 12/6,5	

For PEN bridges see section W-series accessories

Type	Current [A]	Qty.	Order No.

width [mm]	

width [mm]	
WHP 2.5-35N/10x3 BL	2 20 1050280000

width [mm]	
WEW-35/2	8 100 1061200000

width [mm]	
SWIFTY SET	1 9006060000
SD 1.0x5.5x150	1 9008350000

width [mm]	
SSCH 10X3X1000 CU/SN	1 0348900000

width [mm]	
ZB 4	5.6 50 0316500000
ZB 16 ZKSC	10 50 0316600000
ZB 35/M6X16	14 20 0266500000

width [mm]	
WS 12/6,5	

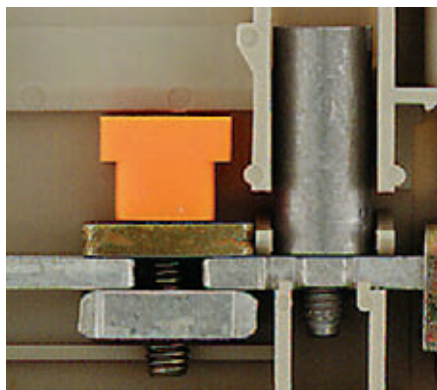
For PEN-bridges see section W-series accessories

WTL 6/1, WTD 6/1, WTQ 6/1

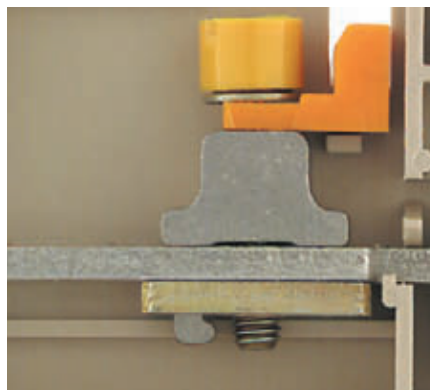
Current transformers may only be short-circuited or operated with a negligible load impedance because open current transformers “run hot” and destroy themselves. Apart from that, load impedances lead to measuring inaccuracies in electricity supply meters and hence to financial losses for their operators.

Many circuit operations can be solved easily and cost-effectively with the WTL 6/1 disconnect test terminal, the WTD 6/1 feed-through terminal and the WTQ 6/1 cross-connect/disconnect terminal.

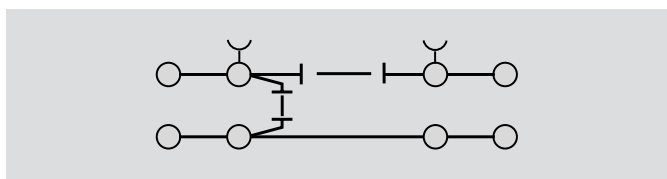
The screws for connecting the conductors are only accessible after the current transformer has been short-circuited with the help of the short-circuit slider. This guarantees that the measuring instrument is not accidentally disconnected.



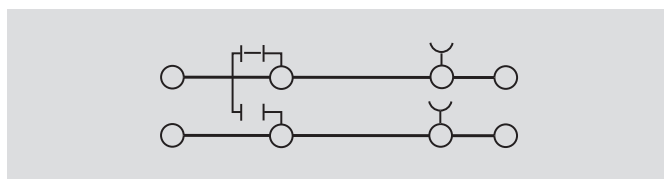
Sliding disconnecter is easy to use (WTL 6/1)



Safe disconnection of cross-connection (WTQ 6/1)



One short-circuit slider per terminal (WTL 6/1)

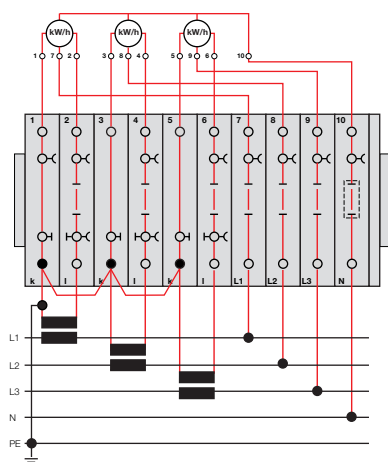


One short-circuit jumper per terminal (WTQ 6/1)

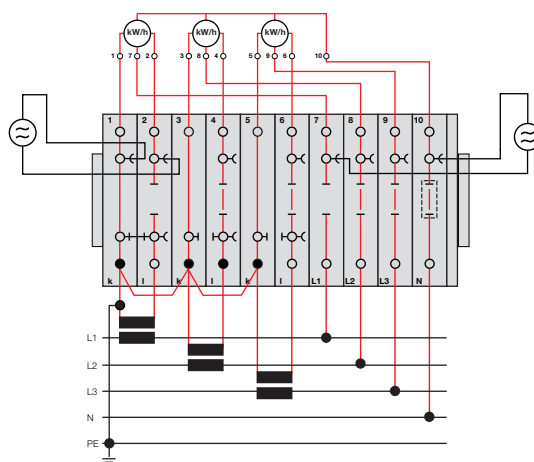
Disconnect test terminal block for metering with WTL 6/1

Operating state

(with external distribution of contact point)



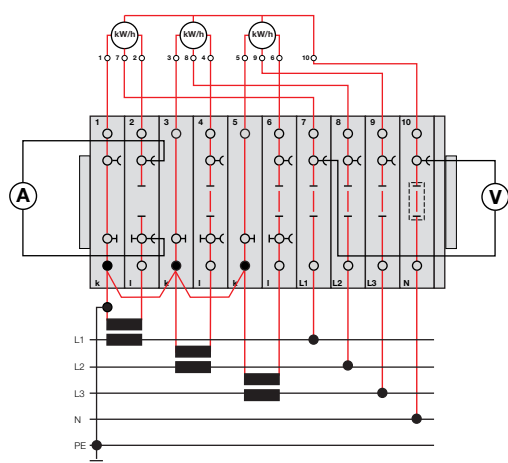
Meter test with external supply for L1



Operation based on operating state:

1. Close short-circuit sliders of terminals 1 and 2.
2. Open sliding disconnectors of terminals 2 and 7.
3. Insert external supply into sockets of terminals 1, 2 and 7, 10.

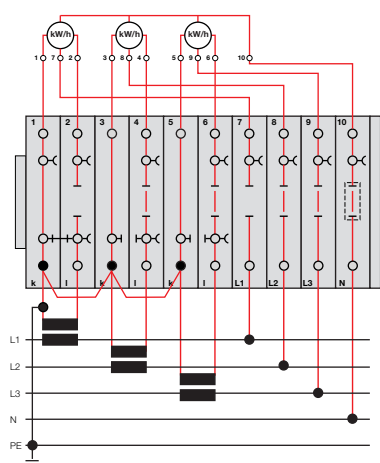
Calibration for L1



Operation based on operating state:

1. Insert ammeter into sockets of terminal 2.
2. Open sliding disconnector of terminal 2.
3. Insert voltmeter into sockets of terminals 7 and 10.

Replacing the meter for L1



Operation based on operating state:

1. Close short-circuit sliders of terminals 1 and 2.
2. Open sliding disconnectors of terminals 2 and 7.
3. Disconnect meter at terminals 1, 2 and 7.

The convenient disconnect test terminal

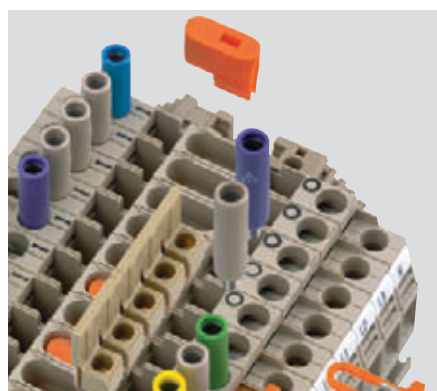
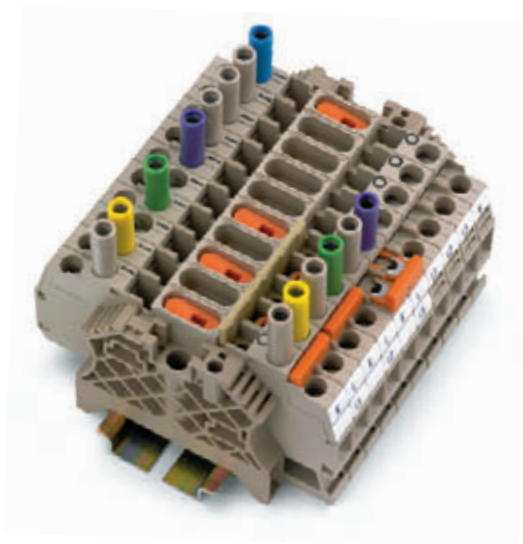
WTL 6/2, WTL 6/3

All the circuits occurring in practice can be realised with the WTL 6/2 and WTL 6/3 terminals plus a few accessories.

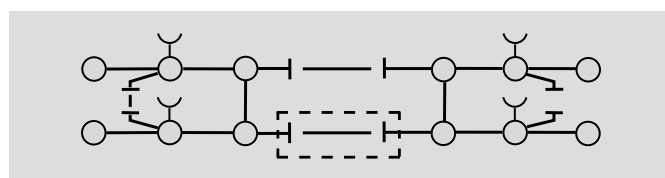
The short-circuit sliders are finger-touch safe – no risk of electric shock. Two cross-connections, e.g. for internal distribution of the contact point, can also be incorporated. The standard WQV 6/... cross-connections of the W-Series can be used here, which also permit terminals to be bypassed.

Thanks to the specially designed test sockets, both conventional test plugs and conventional safety test plugs can be used with the WTL 6/3.

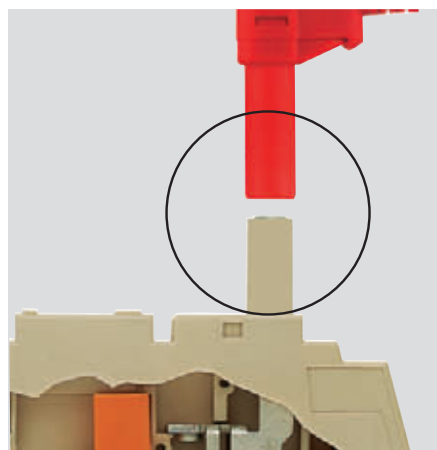
Another advantage of the WTL 6/3 is that one screwdriver fits all screws and also all sockets.



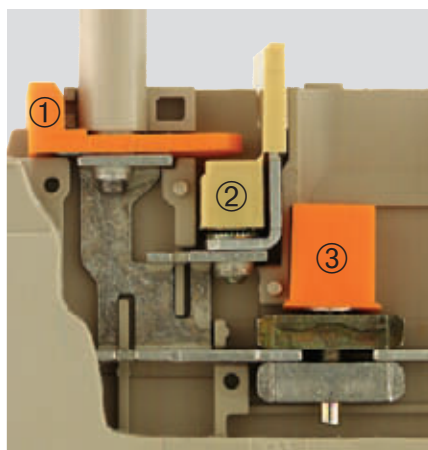
Optimised accessories for all circuit variations



Variation with maximum accessories



Safe test point to German standard



Compact design: ① sliding disconnect, ② cross-connection, ③ short-circuit slider

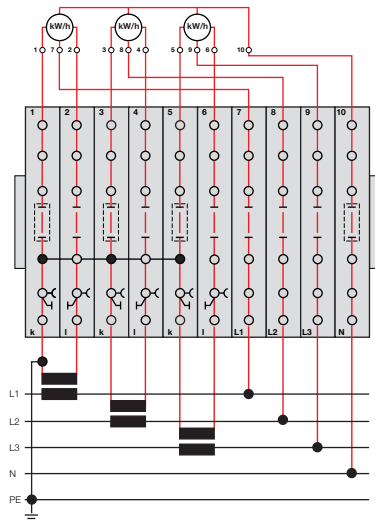


2 DEK markers per connection point

Disconnect test terminal block for metering with WTL 6/3

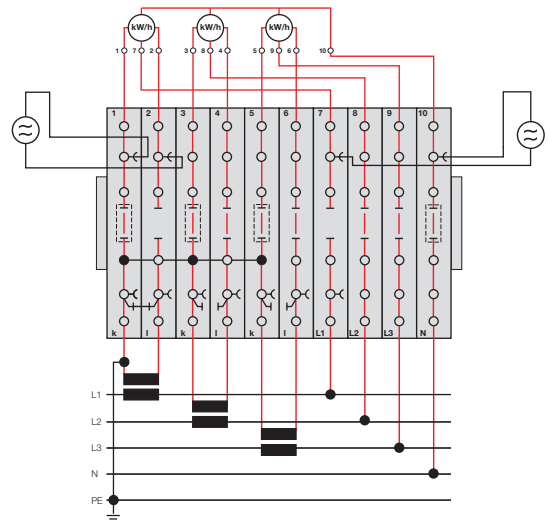
Operating state

(with internal distribution of contact point)



The WTL 6/3 disconnect test terminal provides the same functionality as the WTL 6/2. Thanks to the specially designed test sockets, both conventional test plugs and conventional safety test plugs can be used.

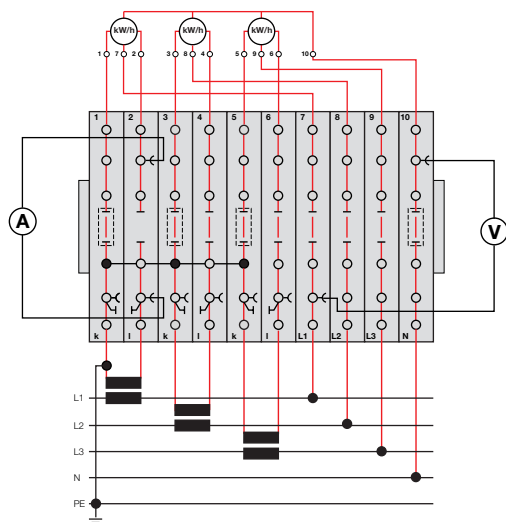
Meter test with external supply for L1



Operation based on operating state:

1. Close short-circuit sliders of terminals 1 and 2.
2. Open sliding disconnectors of terminals 2 and 7.
3. Insert external supply into sockets of terminals 1, 2 and 7, 10.

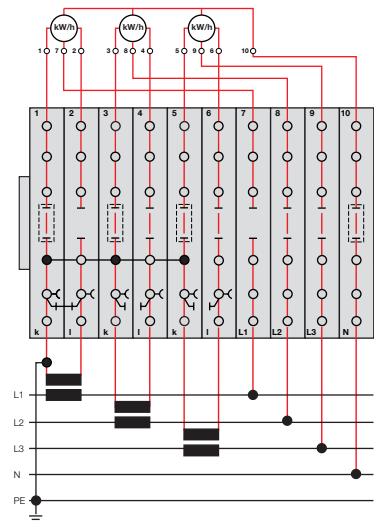
Calibration for L1



Operation based on operating state:

1. Insert ammeter into sockets of terminal 2.
2. Open sliding disconnect of terminal 2.
3. Insert voltmeter into sockets of terminals 7 and 10.

Replacing the meter for L1



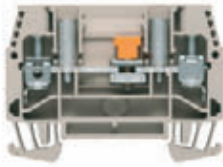
Operation based on operating state:

1. Close short-circuit sliders of terminals 1 and 2.
2. Open sliding disconnectors of terminals 2 and 7.
3. Disconnect meter at terminals 1, 2 and 7.

WTL 6/1

6 mm²

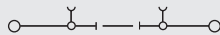
Longitudinal - disconnect



7.9 x 65 x 48.5

57 / 10

0.5 ... 10



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
630	300	300	
41	45	45	
6	AWG 20... 8	AWG 20... 8	
6 / 3			
A5 / V-0			



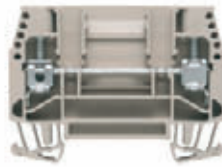
Rated connection	further connection
0.5...10 / 1.5...10	
0.5...10 / 0.5...6	
0.8...1.6 (M 3.5)	
0.5...0.8	
12 / 4.0 x 0.8	

Usage as 500 V disconnect terminal.

WTD 6/1

6 mm²

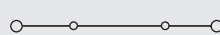
Continuity



7.9 x 65 x 48.5

57 / 10

0.5 ... 10



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
630	300	300	
41	45	45	
6	AWG 20... 8	AWG 20... 8	
6 / 3			
A5 / V-0			

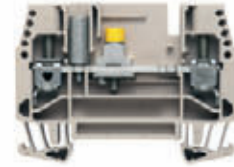


Rated connection	further connection
0.5...10 / 1.5...10	
0.5...10 / 0.5...6	
0.8...1.6 (M 3.5)	
0.5...0.8	
12 / 4.0 x 0.8	

WTQ 6/1

6 mm²

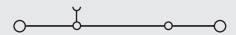
Cross-connect/disconnect



7.9 x 65 x 48.5

57 / 10

0.5 ... 10



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
500	300	300	
41	45	45	
6	AWG 20... 8	AWG 20... 8	
6 / 3			
A5 / V-0			



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

Type	Qty.	Order No.
WTL 6/1/STB	50	1016900000
WTL 6/1	50	1016700000
TS32 version on request		

Type	Qty.	Order No.
WTD 6/1	50	1017100000
TS32 version on request		

Type	Qty.	Order No.
WTQ 6/1/STB	50	1018100000
WTQ 6/1	50	1017900000
TS32 version on request		

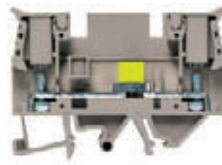
Type	Current [A]	Qty.	Order No.
QL 2 SAK6N	57	50	0194300000
QL 3 SAK6N	57	50	0194400000
QL 4 SAK6N	57	50	0194500000
QL 10 SAK6N	32	20	0338300000
VH 12/4.9/3.3 SAK6N		100	0249000000
KISC M3X20 SAK10 CU5		100	0377100000
width [mm]			
WAP WTL6/1	1.5	20	1068300000
WTW WTL6/1 DB	1.5	20	1068400000
QVS 2 SAKT1+2		20	0307300000
QVS 3 SAKT1+2		20	0329300000
QVS 4 SAKT1+2		20	0307400000
VH 19/6/4.2 SAKT1		50	0318000000
BS 25 IH/GE SAKT1		50	0335700000
PS 4 F.STB 4		20	0299600000
STB 35 IH/GE		50	0389000000
STB 35 IH/GN		50	0388900000
STB 35 IH/VI		50	0389100000
STB 35 IH/BL		50	0388700000
SSP 3 SAKT1		100	0531760000
STB 14/D6/4/M3 SAK10		50	0169900000
WS 12/6,5			

Type	Current [A]	Qty.	Order No.
QL 2 SAK6N	57	50	0194300000
QL 3 SAK6N	57	50	0194400000
QL 4 SAK6N	57	50	0194500000
QL 10 SAK6N	32	20	0338300000
VH 12/4.9/3.3 SAK6N		100	0249000000
KISC M3X20 SAK10 CU5		100	0377100000
width [mm]			
WAP WTL6/1	1.5	20	1068300000
WTW WTL6/1 DB	1.5	20	1068400000
QVS 2 SAKT1+2		20	0307300000
QVS 3 SAKT1+2		20	0329300000
QVS 4 SAKT1+2		20	0307400000
VH 19/6/4.2 SAKT1		50	0318000000
BS 25 IH/GE SAKT1		50	0335700000
PS 4 F.STB 4		20	0299600000
STB 35 IH/GE		50	0389000000
STB 35 IH/GN		50	0388900000
STB 35 IH/VI		50	0389100000
STB 35 IH/BL		50	0388700000
STB 14/D6/4/M3 SAK10		50	0169900000
WS 12/6,5			

Type	Current [A]	Qty.	Order No.
QL 2 SAK6N	57	50	0194300000
QL 3 SAK6N	57	50	0194400000
QL 4 SAK6N	57	50	0194500000
QL 10 SAK6N	32	20	0338300000
VH 12/4.9/3.3 SAK6N		100	0249000000
KISC M3X20 SAK10 CU5		100	0377100000
width [mm]			
WAP WTL6/1	1.5	20	1068300000
WTW WTL6/1 DB	1.5	20	1068400000
WKB 1/2		50	1604280000
WKB 1/3		50	1604300000
WKB 1/4		50	1604320000
PS 4 F.STB 4		20	0299600000
STB 35 IH/GE		50	0389000000
STB 35 IH/GN		50	0388900000
STB 35 IH/VI		50	0389100000
STB 35 IH/BL		50	0388700000
SSP 3 SAKT1		100	0531760000
STB 14/D6/4/M3 SAK10		50	0169900000
WS 12/6,5			

WTL 6/4 FF

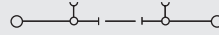
Longitudinal disconnect



n

Width x length x height	mm
max. current / max. cond. cross-section	A/mm ²
max. clamping range	mm ²

11 x 76.5 x 52
41 / 6
0.13... 6



Technical data

IEC 60947-7-1 / VDE 0100-537

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Tightening torque range, clamp. screw/disconnector	Nm
Approvals	
Note	

IEC	UL	CSA	EN 50019
800	600	600	
500 V when used as disconnect test terminal			
41	30	30	
6	AWG 26 ...10	AWG 26...10	
1.2 ... 1.9 / 0.5 ... 0.8			
IEC			

Ordering data

Version
Note

Type	Qty	Order No.
WTL 6/4 FF	50	1887210000
insulated cable lug needed		

Accessories

Cross-connection		
ZQV: plug-in cross-connection		2-pole



End plate/partition plate
Wemid, dark beige

End bracket

Screw

Connecting sleeves

Cross-connection lugs

Cross-connection

Insulating sleeve

Cross-connection plug

Cable lug

Tools
Screwdriver

Marking systems

Tags

For detailed information on further accessories and their use see chapter "Accessories".

Type	Current [A]	Qty	Order No.
ZQV 10/2		25	1739680000

Type	Qty	Order No.
WAP WTL6/4FF	20	1887240000

Type	Qty	Order No.
EWK 1/TS 32	100	0206160000
WEW 35/2 / TS 35	100	1061200000
EW 35 /SCHA/M3	100	0258660000

Type	Qty	Order No.
BS M3x20		0303000000
BS M3x20 CuNi		0377100000

Type	Qty	Order No.
VH 13.5		0248500000

Type	Qty	Order No.
QL 2 WTL 6/4 FF		1897010000
QL 3 WTL 6/4 FF		1897020000
QL 4 WTL 6/4 FF		1897030000
QL 10 WTL 6/4 FF		1897090000
QL 50 WTL 6/4 FF		1897100000

Type	Qty	Order No.
Q 2 WTL 6/4 FF		1897110000
Q 3 WTL 6/4 FF		1897120000
Q 4 WTL 6/4 FF		1897130000
Q 10 WTL 6/4 FF		1897190000

Type	Qty	Order No.
DS 13.5 WTL 6/4		1897000000

Type	Qty	Order No.
QS 2 (2-pole)		0270760000

Type	Qty	Order No.
LIR 1.5 M4 V		9200090000
LIR 2.5 M4 V		9200170000
LIR 6 M4 V		9200230000

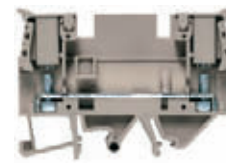
Type	Qty	Order No.
SDI 0.8x4.0		9008400000
SD 0.8x4.0		9008340000
SDIZ 0.8x5.5		9008640000
CTI 6		9006120000

WS 10/5 / DEK 5

For further disconnect test terminal accessories see chapter "Accessories".

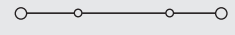
WTD 6/4 FF

Feed-through terminal



n

11 x 76.5 x 52
41 / 6
0.13... 6



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 50019
800	600	600	
500 V when used as disconnect test terminal			
41	30	30	
6	AWG 26 ...10	AWG 26...10	
1.2 ... 1.9			
IEC			

Type	Qty	Order No.
WTD 6/4 FF	50	1887220000
insulated cable lug needed		

Type	Current [A]	Qty	Order No.
ZQV 10/2		25	1739680000

Type	Qty	Order No.
WAP WTL6/4FF	20	1887240000

Type	Qty	Order No.
EWK 1/TS 32	100	0206160000
WEW 35/2 / TS 35	100	1061200000
EW 35 /SCHA/M3	100	0258660000

Type	Qty	Order No.
BS M3x20		0303000000
BS M3x20 CuNi		0377100000

Type	Qty	Order No.
VH 13.5		0248500000

Type	Qty	Order No.
QL 2 WTL 6/4 FF		1897010000
QL 3 WTL 6/4 FF		1897020000
QL 4 WTL 6/4 FF		1897030000
QL 10 WTL 6/4 FF		1897090000
QL 50 WTL 6/4 FF		1897100000

Type	Qty	Order No.
Q 2 WTL 6/4 FF		1897110000
Q 3 WTL 6/4 FF		1897120000
Q 4 WTL 6/4 FF		1897130000
Q 10 WTL 6/4 FF		1897190000

Type	Qty	Order No.
DS 13.5 WTL 6/4		1897000000

Type	Qty	Order No.
QS 2 (2-pole)		0270760000

Type	Qty	Order No.
LIR 1.5 M4 V		9200090000
LIR 2.5 M4 V		9200170000
LIR 6 M4 V		9200230000

Type	Qty	Order No.
SDI 0.8x4.0		9008400000
SD 0.8x4.0		9008340000
SDIZ 0.8x5.5		9008640000
CTI 6		9006120000

WS 10/5 / DEK 5

For further disconnect test terminal accessories see chapter "Accessories".

Terminals with spring-loaded cable clamps

Spring below clamping yoke ensures additional contact stability.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
 max. current / max. conductor A/mm²
 max. clamping range mm²

Technical data

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

Clamped conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version	
	dark beige Wemid
(combination clip-in foot TS32/35)	dark beige Wemid
(combination clip-in foot TS32/35)	black PA

Note

Accessories

Cross-connection, pluggable

	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole

Cross-connection (screwed)

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

End plate / Partition plate

End plate	dark beige Wemid
	black Wemid
Partition plate	dark beige Wemid

End bracket

	dark beige
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Testing / Checking

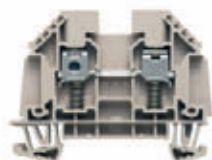
	Test adapter
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Marking systems (see large assortment in catalogue 7)

	Marking tags
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For detailed information on other accessories and applications see "Accessories"

WDU 4 SL

4 mm²

6.1 x 60 x 47

41 / 6

0.33 ... 6



IEC 60947-7-1

Ex e II 2 G D

IEC	UL	CSA	EN 60079-7
500	600	300	275
32	30	25	28
4	AWG 22... 10	AWG 22... 10	4
6 / 3			
A4 / V-0			



SIRA 02ATEX3242 U

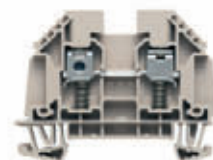
Rated connection

0.5...6 / 1.5...6
0.5...4 / 0.5...4
0.5...1.0 (M3)
15 / 0.6 x 3.5

Note the max. current of the terminal (41 A) when using the cross-connection!

Type	Qty.	Order No.
WDU 4 SL	50	9537440000

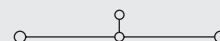
WDU 6 SL

6 mm²

7.9 x 60 x 47

57 / 10

0.5 ... 10



IEC 60947-7-1

Ex e II 2 G D

IEC	UL	CSA	EN 60079-7
500	150	300	275
41	45	45	36
6	AWG 20... 8	AWG 20... 8	6
6 / 3			
A5 / V-0			



SIRA 02ATEX3242 U

Rated connection

0.5...10 / 1.5...10
0.5...6 / 0.5...6
0.8...1.4 (M3.5)
16 / 4.0 x 0.8

1.5...2.5
1.5...2.5 / 0.5...2.5

ESI rated data: 500 V/24 A / Note the max. current of the terminal (57 A) when using the cross-connection!

Type	Qty.	Order No.
WDU 6 SL	50	9537460000

Type

Current [A]	Qty.	Order No.

Current [A]	Qty.	Order No.
WQV 6/2	57	1052360000
WQV 6/3	57	1054760000
WQV 6/4	57	1054860000
WQV 6/10	57	1052260000

width [mm]		
WAP 2.5-10	1.5	1050000000
WAP 2.5-10 SW	1.5	1050010000
WAP 16+35 WTW 2.5-10	1.5	1050100000

width [mm]		
WEW-35/2	8	1061200000

WTA 5/1	25	1051260000
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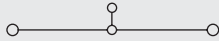
WS 12/6,5

Hook-shaped cable lug 0.25-1.0 mm² (black) order No. 9036290000 (100 pcs) / 1-2.5mm² (black) order No. 9036300000 (100 pcs)

WDU 10 SL

10 mm²

9.9 x 60 x 47
76 / 16
1.31 ... 16



IEC 60947-7-1

Ex II G D

IEC	UL	CSA	EN 60079-7
500	150	300	275
57	50	65	50
10	AWG 16... 8	AWG 16... 8	10
6 / 3			
A6 / V-0			



SIRA 02ATEX3242 U

Rated connection

1.5...16 / 1.5...16
1.5...10 / 1.5...10
1.2...2.4 (M 4)
17 / 1.0 x 5.5

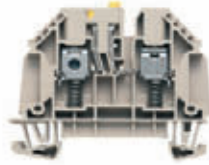
2.5...4
2.5...4 / 1...4

ESI rated data: 500 V/36 A / 16 mm² stranded connection must be tightened with 2 Nm.

WTR 4 SL

4 mm²

with clamping screw



6.1 x 61.2 x 48.6
32 / 6
0.33 ... 6



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
500	300	300	
32	22	24	
4	AWG 22... 10	AWG 22... 10	
6 / 3			
A4 / V-0			



Rated connection

0.5...6 / 1.5...6
0.5...4 / 0.5...4
0.5...0.6 (M 3)
13 / 0.6 x 3.5

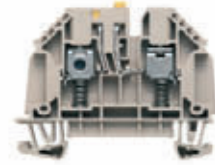
0.5...1.5
0.5...1.5 / 0.5...1.5

UL/CSA 600 V possible with end plate WAP or partition plate WTW.

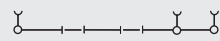
WTR 4 SL STB

4 mm²

with socket



6.1 x 61.2 x 48.6
32 / 6
0.33 ... 6



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
500	300	300	
32	22	24	
4	AWG 22... 10	AWG 22... 10	
6 / 3			
A4 / V-0			



Rated connection

0.5...6 / 1.5...6
0.5...4 / 0.5...4
0.5...0.6 (M 3)
13 / 0.6 x 3.5

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

UL/CSA 600 V possible with end plate WAP or partition plate WTW.

Type	Qty.	Order No.
WDU 10 SL	50	9537480000

Type	Qty.	Order No.
WTR 4 SL	50	7910270000

Type	Qty.	Order No.
WTR 4 STB SL	50	7910300000

Type	Current [A]	Qty.	Order No.
WQV 10/2	57	50	1052560000
WQV 10/3	57	50	1054960000
WQV 10/4	57	50	1055060000
WQV 10/10	57	20	1052460000
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 2.5-10 SW	1.5	50	1050010000
WTW EN	3	20	1058800000
width [mm]			
WEW-35/2	8	100	1061200000
WTA 5/1		25	1051260000
WS 12/6,5			
Hook-shaped cable lug 0.25-1.0 mm ² (black) order No. 9036290000 (100 pcs) / 1.25-2.5 mm ² (black) order No. 9036300000 (100 pcs)			

Type	Current [A]	Qty.	Order No.
ZQV 4N/2 GE	32	60	1758250000
ZQV 4N/3 GE	32	60	1762630000
ZQV 4N/4 GE	32	60	1762620000
ZQV 4N/10 GE	32	20	1758260000
ZQV 4N/20 GE	32	20	1909020000
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 2.5-10 SW	1.5	50	1050010000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
width [mm]			
WEW-35/2	8	100	1061200000
WS 12/6			
Hook-shaped cable lug 0.25-1.0 mm ² (black) order No. 9036290000 (100 pcs)			

Type	Current [A]	Qty.	Order No.
ZQV 4N/2 GE	32	60	1758250000
ZQV 4N/3 GE	32	60	1762630000
ZQV 4N/4 GE	32	60	1762620000
ZQV 4N/10 GE	32	20	1758260000
ZQV 4N/20 GE	32	20	1909020000
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 2.5-10 SW	1.5	50	1050010000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
width [mm]			
WEW-35/2	8	100	1061200000
WS 12/6			
Hook-shaped cable lug 0.25-1.0 mm ² (black) order No. 9036290000 (100 pcs)			

Terminals with spring-loaded cable clamps

Spring below clamping yoke ensures additional contact stability.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
 max. current / max. conductor A/mm²
 max. clamping range mm²

Technical data

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

Clamped conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version	
(combination clip-in foot TS32/35)	dark beige Wemid
(combination clip-in foot TS32/35)	dark beige Wemid
(combination clip-in foot TS32/35)	black PA
Note	

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole

Cross-connection (screwed)	
	2-pole
	3-pole
	4-pole
	10-pole

End plate / Partition plate	
End plate	dark beige Wemid
	black Wemid
Partition plate	dark beige Wemid

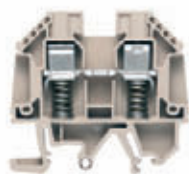
End bracket	
	dark beige

Testing / Checking	
	Test adapter

Marking systems	
(see large assortment in catalogue 7)	Marking tags

For detailed information on other accessories and applications see "Accessories"

WDU 4 SL/EN

4 mm²

6.1 x 60 x 47

41 / 6

0.33 ... 6



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500	600	300	275
32	30	25	28
4	AWG 22... 10	AWG 22... 10	4
6 / 3			
A4 / V-0			



SIRA 02ATEX3242 U

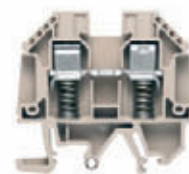
Rated connection

0.5...6 / 1.5...6
0.5...4 / 0.5...4
0.5...1.0 (M3)
15 / 0.6 x 3.5

Note the max. current of the terminal (41 A) when using the cross-connection!

Type	Qty.	Order No.
WDU 4 SL/EN	50	9537450000
WDU 4 SL/EN SW	50	9537510000

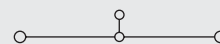
WDU 6 SL/EN

6 mm²

7.9 x 60 x 47

57 / 10

0.5 ... 10



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500	150	300	275
41	45	45	36
6	AWG 20... 8	AWG 20... 8	6
6 / 3			
A5 / V-0			



SIRA 02ATEX3242 U

Rated connection

0.5...10 / 1.5...10
0.5...6 / 0.5...6
0.8...1.4 (M3.5)
16 / 4.0 x 0.8

1.5...2.5
 1.5...2.5 / 0.5...2.5

ESI rated data: 500 V/24 A / Note the max. current of the terminal (57 A) when using the cross-connection!

Type	Qty.	Order No.
WDU 6 SL/EN	50	9537470000
WDU 6 SL/EN SW	50	9537430000

Type	Current [A]	Qty.	Order No.

Current [A]	
WQV 6/2	57 50
WQV 6/3	57 50
WQV 6/4	57 50
WQV 6/10	57 20

width [mm]	
WAP 2.5-10	1.5 50
WAP 2.5-10 SW	1.5 50
WAP 16+35 WTW 2.5-10	1.5 20

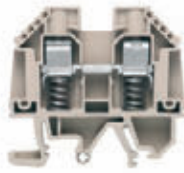
width [mm]	
WEW-35/2	8 100

WTA 5/1	25

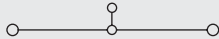
WS 12/6,5	

Hook-shaped cable lug 0.25-1.0 mm² (black) order No. 9036290000 (100 pcs) / 1-2.5mm² (black) order No. 9036300000 (100 pcs)

WDU 10 SL/EN

10 mm²

9.9 x 60 x 47
76 / 16
1.31 ... 16



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500	150	300	275
57	50	65	50
10	AWG 16... 8	AWG 16... 8	10
6 / 3			
A6 / V-0			

SIRA 02ATEX3242 U



Rated connection

1.5...16 / 1.5...16
1.5...10 / 1.5...10
1.2...2.4 (M 4)
17 / 1.0 x 5.5

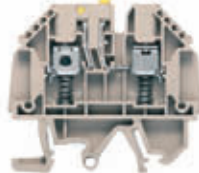
2.5...4
2.5...4 / 1...4

ESI rated data: 500 V/36 A / 16 mm² stranded connection must be tightened with 2 Nm.

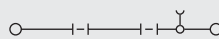
WTR 4 SL/EN

4 mm²

with clamping screw



6.1 x 61.2 x 48.6
32 / 6
0.33 ... 6



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
500	300	300	
32	22	24	
4	AWG 22... 10	AWG 22... 10	
6 / 3			
A4 / V-0			



Rated connection

0.5...6 / 1.5...6
0.5...4 / 0.5...4
0.5...0.6 (M 3)
13 / 0.6 x 3.5

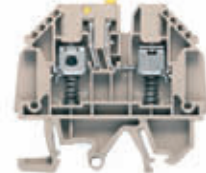
0.5...1.5
0.5...1.5 / 0.5...1.5

UL/CSA 600 V possible with end plate WAP or partition plate WTW.

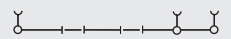
WTR 4 StB SL/EN

4 mm²

with socket



6.1 x 61.2 x 48.6
32 / 6
0.33 ... 6



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
500	300	300	
32	22	24	
4	AWG 22... 10	AWG 22... 10	
6 / 3			
A4 / V-0			



Rated connection

0.5...6 / 1.5...6
0.5...4 / 0.5...4
0.5...0.6 (M 3)
13 / 0.6 x 3.5

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

UL/CSA 600 V possible with end plate WAP or partition plate WTW.

Type	Qty.	Order No.
WDU 10 SL/EN	50	9537490000
WDU 10 SL/EN SW	50	9537410000

Type	Qty.	Order No.
WTR4 SL/EN	50	7910360000
WTR4 SL/EN SW	50	7910380000

Type	Qty.	Order No.
WTR4 SL/EN STB SW	50	7910410000

Type	Current [A]	Qty.	Order No.
WQV 10/2	57	50	1052560000
WQV 10/3	57	50	1054960000
WQV 10/4	57	50	1055060000
WQV 10/10	57	20	1052460000
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 2.5-10 SW	1.5	50	1050010000
WTW EN	3	20	1058800000
width [mm]			
WEW-35/2	8	100	1061200000
WTA 5/1		25	1051260000
WS 12/6,5			
Hook-shaped cable lug 0.25-1.0 mm ² (black) order No. 9036290000 (100 pcs) / 1.25-2.5 mm ² (black) order No. 9036300000 (100 pcs)			

Type	Current [A]	Qty.	Order No.
ZQV 4N/2 GE	32	60	1758250000
ZQV 4N/3 GE	32	60	1762630000
ZQV 4N/4 GE	32	60	1762620000
ZQV 4N/10 GE	32	20	1758260000
ZQV 4N/20 GE	32	20	1909020000
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 2.5-10 SW	1.5	50	1050010000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
width [mm]			
WEW-35/2	8	100	1061200000
WS 12/6			
Hook-shaped cable lug 0.25-1.0 mm ² (black) order No. 9036290000 (100 pcs)			

Type	Current [A]	Qty.	Order No.
ZQV 4N/2 GE	32	60	1758250000
ZQV 4N/3 GE	32	60	1762630000
ZQV 4N/4 GE	32	60	1762620000
ZQV 4N/10 GE	32	20	1758260000
ZQV 4N/20 GE	32	20	1909020000
width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 2.5-10 SW	1.5	50	1050010000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
width [mm]			
WEW-35/2	8	100	1061200000
WS 12/6			
Hook-shaped cable lug 0.25-1.0 mm ² (black) order No. 9036290000 (100 pcs)			

Terminals with spring-loaded cable clamps

Spring below clamping yoke ensures additional contact stability.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

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

Ordering data

Version	
(combination clip-in foot TS32/35)	dark beige Wemid
(combination clip-in foot TS32/35)	dark beige Wemid
(combination clip-in foot TS32/35)	black PA
Note	

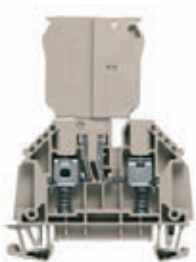
Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
Cross-connection (screwed)	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
End plate	dark beige Wemid
	black Wemid
Partition plate	dark beige Wemid
End bracket	
	dark beige
Testing / Checking	
	Test adapter
Marking systems	
(see large assortment in catalogue 7)	Marking tags
For detailed information on other accessories and applications see "Accessories"	

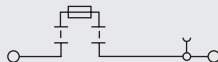
WTR 4 SI SL

4 mm²

with fuse holder



6.1 x 61.2 x 80.5
6.3 / 6
0.33 ... 6



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
400	300	300	
6.3	6.3	6.3	
4	AWG 22... 10	AWG 22... 10	
	6 / 3		
	A4 / V-0		



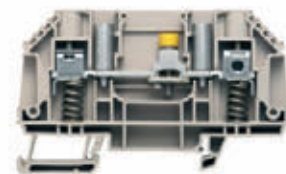
Rated connection	
0.5...6	1.5...6
0.5...4	0.5...4
0.5...0.6	(M3)
13	0.6 x 3.5

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

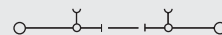
WTL 6 SL

6 mm²

Longitudinal - disconnecter



7.9 x 82.7 x 50.4
57 / 10
0.5 ... 10



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
500	300	300	
41	45	45	
6	AWG 20... 8	AWG 20... 8	
	6 / 3		
	A5 / V-0		



Rated connection	
0.5...10	1.5...10
0.5...6	0.5...6
0.8...1.6	(M3.5)
16	4.0 x 0.8

1.5...2.5
1.5...2.5 / 1.5...2.5

ESI rated data: 500 V/24 A.

Type	Qty.	Order No.
WTL 6 SL	50	9538070000

Type	Qty.	Order No.
WTR 4 SI SL	25	7910330000

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

Current [A]	
width [mm]	
WAP 2.5-10	1.5 50 1050000000
WAP 2.5-10 SW	1.5 50 1050010000
WAP 16+35 WTW 2.5-10	1.5 20 1050100000

width [mm]	
WEW-35/2	8 100 1061200000

width [mm]	
WS 12/6	
Hook-shaped cable lug 0.25-1.0 mm ² (black) order No. 9036290000 (100 pcs)	

Type	Current [A]	Qty.	Order No.

Current [A]	
QL 2 SAK6N	57 50 0194300000
QL 3 SAK6N	57 50 0194400000
QL 4 SAK6N	57 50 0194500000
QL 10 SAK6N	32 20 0338300000

width [mm]	
WTW EN	3 20 1058800000

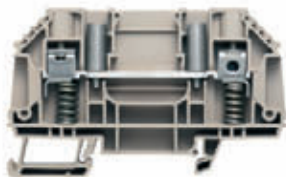
width [mm]	
WEW-35/2	8 100 1061200000

width [mm]	
WS 12/6,5	
Hook-shaped cable lug 0.25-1.5 mm ² (black) order No. 9036290000 (100 pcs) / 1-2.5 mm ² (black) order No. 9036300000 (100 pcs)	

WTD 6 SL

6 mm²

Continuity



7.9 x 82.7 x 50.4

57 / 10

0.5 ... 10

IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
500	300	300	
41	45	45	
6	AWG 20... 8	AWG 20... 8	
	6 / 3		
	A5 / V-0		

Rated connection
0.5...10 / 1.5...10
0.5...6 / 0.5...6
0.8...1.6 (M 3.5)
16 / 4.0 x 0.8
1.5...2.5
1.5...2.5 / 1.5...2.5
ESI rated data: 500 V/24 A.

Type	Qty.	Order No.
WTD 6 SL	50	9538090000

Type	Current [A]	Qty.	Order No.
Current [A]			
QL 2 SAK6N	57	50	0194300000
QL 3 SAK6N	57	50	0194400000
QL 4 SAK6N	57	50	0194500000
QL 10 SAK6N	32	20	0338300000
width [mm]			
WTW EN	3	20	1058800000
width [mm]			
WEW-35/2	8	100	1061200000
WS 12/6,5			
Hook-shaped cable lug 0.25-1.5 mm ² (black) order No. 9036290000 (100 pcs) / 1-2.5 mm ² (black) order No. 9036300000 (100 pcs)			

Terminals with spring-loaded cable clamps

Spring below clamping yoke ensures additional contact stability.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

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

Ordering data

Version	
(combination clip-in foot TS32/35)	dark beige Wemid
(combination clip-in foot TS32/35)	dark beige Wemid
(combination clip-in foot TS32/35)	black PA
Note	

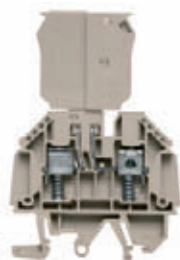
Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
Cross-connection (screwed)	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
End plate	dark beige Wemid
	black Wemid
Partition plate	dark beige Wemid
End bracket	
	dark beige
Testing / Checking	
	Test adapter
Marking systems	
(see large assortment in catalogue 7)	Marking tags
For detailed information on other accessories and applications see "Accessories"	

WTR 4 SI SL/EN

4 mm²

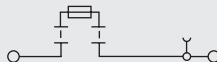
with fuse holder



6.1 x 61.2 x 80.5

6.3 / 6

0.33 ... 6



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
400	300	300	
6.3	6.3	6.3	
4	AWG 22... 10	AWG 22... 10	
	6 / 3		
	A4 / V-0		



Rated connection

0.5...6 / 1.5...6

0.5...4 / 0.5...4

0.5...0.6 (M3)

13 / 0.6 x 3.5

0.5...1.5

0.5...1.5 / 0.5...1.5

WTL 6 SL/EN

6 mm²

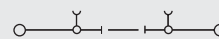
Longitudinal - disconnecter



7.9 x 82.7 x 50.4

57 / 10

0.5 ... 10



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
500	300	300	
41	45	45	
6	AWG 20... 8	AWG 20... 8	
	6 / 3		
	A5 / V-0		

Rated connection

0.5...10 / 1.5...10

0.5...6 / 0.5...6

0.8...1.6 (M3.5)

16 / 4.0 x 0.8

1.5...2.5

1.5...2.5 / 1.5...2.5

ESI rated data: 500 V/24 A.

Type	Qty.	Order No.
WTL 6 SL/EN	50	9538080000
WTL 6 SL/EN SW	50	9538030000

Type	Qty.	Order No.
WTR4 SI SL/EN	50	7910420000
WTR4 SI SL/EN SW	25	7910440000

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

Current [A]	
width [mm]	
WAP 2.5-10	1.5 50 1050000000
WAP 2.5-10 SW	1.5 50 1050010000
WAP 16+35 WTW 2.5-10	1.5 20 1050100000

width [mm]	
WEW-35/2	8 100 1061200000

WS 12/6

Hook-shaped cable lug 0.25-1.0 mm² (black) order No. 9036290000 (100 pcs)

Type	Current [A]	Qty.	Order No.

Current [A]	
QL 2 SAK6N	57 50 0194300000
QL 3 SAK6N	57 50 0194400000
QL 4 SAK6N	57 50 0194500000
QL 10 SAK6N	32 20 0338300000

width [mm]	
WTW EN	3 20 1058800000

width [mm]	
WEW-35/2	8 100 1061200000

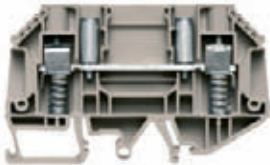
WS 12/6,5

Hook-shaped cable lug 0.25-1.5 mm² (black) order No. 9036290000 (100 pcs) / 1-2.5 mm² (black) order No. 9036300000 (100 pcs)

WTD 6 SL/EN

6 mm²

Continuity



7.9 x 82.7 x 50.4

57 / 10

0.5 ... 10

IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
500	300	300	
41	45	45	
6	AWG 20... 8	AWG 20... 8	
	6 / 3		
	A5 / V-0		

Rated connection

0.5...10 / 1.5...10
0.5...6 / 0.5...6
0.8...1.6 (M 3.5)
16 / 4.0 x 0.8

1.5...2.5
1.5...2.5 / 1.5...2.5

ESI rated data: 500 V/24 A.

Type	Qty.	Order No.
WTD 6 SL/EN	50	9538100000
WTD 6 SL/EN SW	50	9538050000

Type	Current [A]	Qty.	Order No.
Current [A]			
QL 2 SAK6N	57	50	0194300000
QL 3 SAK6N	57	50	0194400000
QL 4 SAK6N	57	50	0194500000
QL 10 SAK6N	32	20	0338300000
width [mm]			
WTW EN	3	20	1058800000
width [mm]			
WEW-35/2	8	100	1061200000

WS 12/6,5

Hook-shaped cable lug 0.25-1.5 mm² (black) order No. 9036290000 (100 pcs) / 1-2.5 mm² (black) order No. 9036300000 (100 pcs)

Initiator and actuator terminals

Time- and space-saving wiring for initiators and actuators. All the connections for initiator and actuator are in one terminal.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

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

Electronic fittings

Diode reverse voltage / Diode current	V / A
voltage LED / current LED	V / mA / -
Resistor / Varistor	-/V

Clamped conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

Ordering data

Version	
Terminal configuration	dark beige Wemid
see circuit diagram above	dark beige Wemid (red LED)
	dark beige Wemid (green LED)

Note

Accessories

Cross-connection (screwed)	
	2-pole
	3-pole
	4-pole
	10-pole

End plate / Partition plate

dark beige Wemid

End bracket

dark beige / beige

Screwdrivers

with cutting device "swifty set"
Standard

Labelling systems (see large assortment in catalogue 7)
Marking tags

For detailed information on other accessories and applications see "Accessories"

DLD 2.5

2.5 mm²

Voltage supply



6.1 x 82 x 49

24 / 4

0.13 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
24	10	10	
2.5	AWG 22... 12	AWG 26... 12	
	4 / 3		
	A3 / V-0		



Rated connection

0.5...4 / 4...4

0.5...4 / 0.5...2.5

0.4...0.6 (M 2.5)

7 / 0.6 x 3.5

further connection

Rated voltage is reduced to 30 V AC when cross-connection skips one pole with a different potential.

Type	Qty.	Order No.
DLD 2.5 DB	50	1784180000

Blue version order No. 6269250000 (50 pcs)

Type	Current [A]	Qty.	Order No.
Q 2 DLI	20	50	1312500000
Q 3 DLI	20	50	1312600000
Q 4 DLI	20	50	1312700000
Q 10 DLI	20	20	1313100000

width [mm]	
AP DLD2.5 DB	1.5
	20

width [mm]	
EW 35	8.5
	50

SD 0.6x3.5x100	1	9008330000	

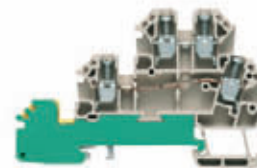
Insulation plate TSCH 1 order No. 0319160000 (100 pcs)

Partial end plate TEAP DLD2.5/PE DB order No. 1783810000 (20 pcs)

DLD 2.5 PE

2.5 mm²

Lower level earthed



6.1 x 74.5 x 49

17.5 / 4

0.13 ... 4



IEC 60947-7-1

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



Rated connection

0.5...4 / 4...4

0.5...4 / 0.5...2.5

0.4...0.6 (M 2.5)

7 / 0.6 x 3.5

further connection

Rated voltage is reduced to 30 V AC when cross-connection skips one pole with a different potential.

Type	Qty.	Order No.
DLD 2.5/PE DB	50	1783790000

Type	Current [A]	Qty.	Order No.
Q 2 DLI	20	50	1312500000
Q 3 DLI	20	50	1312600000
Q 4 DLI	20	50	1312700000
Q 10 DLI	20	20	1313100000

width [mm]	
AP DLD2.5/PE DB	1.5
	20

width [mm]	
EW 35	8.5
	50

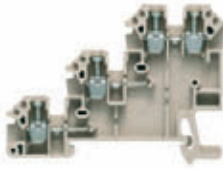
SD 0.6x3.5x100	1	9008330000	

Insulation plate TSCH 1 order No. 0319160000 (100 pcs)

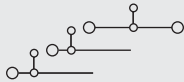
Partial end plate TEAP DLD2.5/PE DB order No. 1783810000 (20 pcs)

DLI 2.5**2.5 mm²**

Initiator connection (signal,+,-)



6.1 x 65 x 49
26 / 4
0.13 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
24	10	10	
2.5	AWG 22... 12	AWG 26... 12	
	4 / 3		
	A3 / V-0		



Rated connection **further connection**

0.5...4 / 4...4

0.5...4 / 0.5...2.5

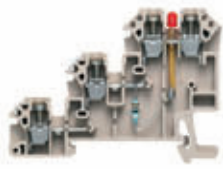
0.4...0.6 (M 2.5)

7 / 0.6 x 3.5

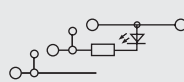
Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped.

DLI 2.5 LD PNP**2.5 mm²**

Initiator connection with LED



6.1 x 65 x 49
24 / 4
0.13 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
30	30	30	
24	10	10	
2.5	AWG 22... 12	AWG 26... 12	
	1 / 3		
	A3 / V-0		



Rated connection **further connection**

0.5...4 / 4...4

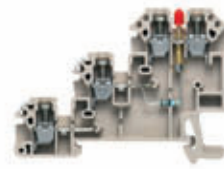
0.5...4 / 0.5...2.5

0.4...0.6 (M 2.5)

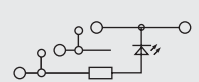
7 / 0.6 x 3.5

DLI 2.5 LD NPN**2.5 mm²**

Initiator connection with LED



6.1 x 65 x 49
24 / 4
0.13 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
30	30	30	
24	10	10	
2.5	AWG 22... 12	AWG 26... 12	
	1 / 3		
	A3 / V-0		



Rated connection **further connection**

0.5...4 / 4...4

0.5...4 / 0.5...2.5

0.4...0.6 (M 2.5)

7 / 0.6 x 3.5

Type	Qty.	Order No.
DLI 2.5 DB	100	1783820000

Type	Qty.	Order No.
DLI 2.5/LD-RT/PNP +- DB	100	1783980000
DLI 2.5/LD-GN/PNP +- DB	100	1783970000

Type	Qty.	Order No.
DLI 2.5/LD-RT/NPN -+ DB	100	1783950000
DLI 2.5/LD-GN/NPN -+ DB	100	1783940000

Type	Current [A]	Qty.	Order No.
Q 2 DLI	20	50	1312500000
Q 3 DLI	20	50	1312600000
Q 4 DLI	20	50	1312700000
Q 10 DLI	20	20	1313100000
width [mm]			
AP DLI2.5 DB	1.5	20	1783550000
width [mm]			
EW 35	8.5	50	0383560000

Type	Current [A]	Qty.	Order No.
Q 2 DLI	20	50	1312500000
Q 3 DLI	20	50	1312600000
Q 4 DLI	20	50	1312700000
Q 10 DLI	20	20	1313100000
width [mm]			
AP DLI2.5 DB	1.5	20	1783550000
width [mm]			
EW 35	8.5	50	0383560000

Type	Current [A]	Qty.	Order No.
Q 2 DLI	20	50	1312500000
Q 3 DLI	20	50	1312600000
Q 4 DLI	20	50	1312700000
Q 10 DLI	20	20	1313100000
width [mm]			
AP DLI2.5 DB	1.5	20	1783550000
width [mm]			
EW 35	8.5	50	0383560000

SD 0.6x3.5x100	1	9008330000
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SD 0.6x3.5x100	1	9008330000
----------------	---	------------

SD 0.6x3.5x100	1	9008330000
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Insulation plate TSCH 1 order No. 0319160000 (100 pcs), socket StB 8.5 in upper current bar (in conjunction with test plug PS 2.3).

Insulation plate TSCH 1 order No. 0319160000 (100 pcs)

Insulation plate TSCH 1 order No. 0319160000 (100 pcs)

Initiator and actuator terminals

Time- and space-saving wiring for initiators and actuators. All the connections for initiator and actuator are in one terminal.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Electronic fittings	
Diode reverse voltage / Diode current	V / A
voltage LED / current LED	V / mA / -
Resistor / Varistor	-/V
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

Ordering data

Version	
Terminal configuration	dark beige Wemid
see circuit diagram above	dark beige Wemid (red LED)
	dark beige Wemid (green LED)

Note

Accessories

Cross-connection (screwed)	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige Wemid
End bracket	
	dark beige / beige
Screwdrivers	
	with cutting device "swifty set"
	Standard

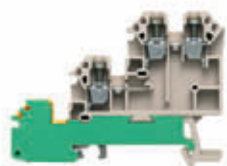
Labelling systems	(see large assortment in catalogue 7)
	Marking tags

For detailed information on other accessories and applications see "Accessories"

DLA 2.5

2.5 mm²

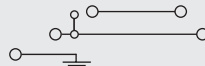
Actuator connection (signal,-,PE)



6.1 x 65 x 49

26 / 4

0.13 ... 4



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

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
2.5	AWG 22... 12	AWG 26... 12	
		4 / 3	
		A3 / V-0	



Rated connection

0.5...4 / 4...4

0.5...4 / 0.5...2.5

0.4...0.6 (M 2.5)

7 / 0.6 x 3.5

Rated voltage is reduced to 30 V AC when cross-connection skips one pole with a different potential.

Type	Qty.	Order No.
DLA 2.5 DB	100	1783560000

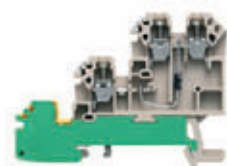
Type	Current [A]	Qty.	Order No.
Q 2 DLI	20	50	1312500000
Q 3 DLI	20	50	1312600000
Q 4 DLI	20	50	1312700000
Q 10 DLI	20	20	1313100000
width [mm]			
AP DLI2.5 DB	1.5	20	1783550000
width [mm]			
EW 35	8.5	50	0383560000
SD 0.6x3.5x100		1	9008330000

Insulation plate TSCH 1 order No. 0319160000 (100 pcs)

DLA 2.5/D

2.5 mm²

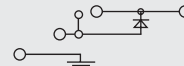
Actuator connection (circuit with diode)



6.1 x 65 x 49

17.5 / 4

0.13 ... 4



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

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
2.5	AWG 22... 12	AWG 26... 12	
		4 / 3	
		A3 / V-0	



1000 / 1

Rated connection

0.5...4 / 4...4

0.5...4 / 0.5...2.5

0.4...0.6 (M 2.5)

7 / 0.6 x 3.5

Rated voltage is reduced to 30 V AC when cross-connection skips one pole with a different potential.

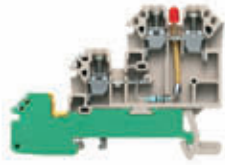
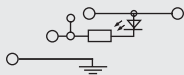
Type	Qty.	Order No.
DLA 2.5/D DB	100	1783590000

Type	Current [A]	Qty.	Order No.
Q 2 DLI	20	50	1312500000
Q 3 DLI	20	50	1312600000
Q 4 DLI	20	50	1312700000
Q 10 DLI	20	20	1313100000
width [mm]			
AP DLI2.5 DB	1.5	20	1783550000
width [mm]			
EW 35	8.5	50	0383560000
SD 0.6x3.5x100		1	9008330000

Insulation plate TSCH 1 order No. 0319160000 (100 pcs)

DLA 2.5/LD**2.5 mm²**

Actuator connection with LED

**6.1 x 65 x 49****17.5 / 4****0.13 ... 4**

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

IEC	UL	CSA	EN 60079-7
30	30	30	
17.5	10	10	
2.5	AWG 22... 12	AWG 26... 12	
1 / 3			
A3 / V-0			



30 / 5

Rated connection**further connection**

0.5...4 / 4...4

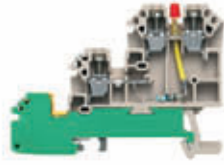
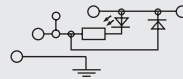
0.5...4 / 0.5...2.5

0.4...0.6 (M 2.5)

7 / 0.6 x 3.5

DLA 2.5/LD/D**2.5 mm²**

Actuator connection with LED

**6.1 x 65 x 49****17.5 / 4****0.13 ... 4**

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

IEC	UL	CSA	EN 60079-7
30	30	30	
17.5	10	10	
2.5	AWG 22... 12	AWG 26... 12	
1 / 3			
A3 / V-0			



1000 / 1

30 / 5

Rated connection**further connection**

0.5...4 / 4...4

0.5...4 / 0.5...2.5

0.4...0.6 (M 2.5)

7 / 0.6 x 3.5

Type	Qty.	Order No.
DLA 2.5/LD-RT DB	100	1783600000
DLA 2.5/LD-GN DB	100	1783610000

Type	Qty.	Order No.
DLA 2.5/LD-RT/D DB	100	1783620000
DLA 2.5/LD-GN/D DB	100	1783630000

Type	Current [A]	Qty.	Order No.
Q 2 DLI	20	50	1312500000
Q 3 DLI	20	50	1312600000
Q 4 DLI	20	50	1312700000
Q 10 DLI	20	20	1313100000
width [mm]			
AP DLI2.5 DB	1.5	20	1783550000
width [mm]			
EW 35	8.5	50	0383560000
SD 0.6x3.5x100			
		1	9008330000

Type	Current [A]	Qty.	Order No.
Q 2 DLI	20	50	1312500000
Q 3 DLI	20	50	1312600000
Q 4 DLI	20	50	1312700000
Q 10 DLI	20	20	1313100000
width [mm]			
AP DLI2.5 DB	1.5	20	1783550000
width [mm]			
EW 35	8.5	50	0383560000
SD 0.6x3.5x100			
		1	9008330000

Insulation plate TSCH 1 order No. 0319160000 (100 pcs)

Insulation plate TSCH 1 order No. 0319160000 (100 pcs)

Motor connection terminals

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
 max. current / max. conductor A/mm²
 max. clamping range mm²

Technical data

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

Electronic fittings

Diode reverse voltage / Diode current	V / A
voltage LED / current LED	V / mA / -
Resistor / Varistor	-/V

Clamped conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

Ordering data

Version	
Terminal configuration	dark beige Wemid
see circuit diagram above	dark beige Wemid (red LED)
	dark beige Wemid (green LED)

Note

Accessories

Cross-connection (screwed)



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

End plate / Partition plate

dark beige Wemid

End bracket

dark beige / beige

Screwdrivers

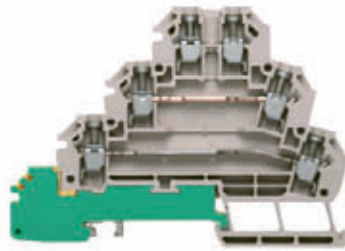
with cutting device "swifty set"
 Standard

Labelling systems (see large assortment in catalogue 7)
 Marking tags

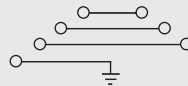
For detailed information on other accessories and applications see "Accessories"

MAK 2.5

2.5 mm²



6.2 x 88 x 64
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 / 3		
	A3 / V2		



Rated connection

0.5...4 / 4...4

0.5...4 / 0.5...2.5

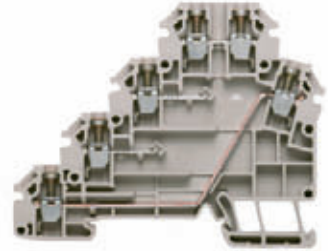
0.4...0.6 (M 2.5)

8 / 0.6 x 3.5

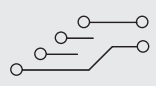
further connection

VLI 1.5

1.5 mm²



6.2 x 79.5 x 64
24 / 4
0.13 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
1.5	AWG 26... 12	AWG 26... 12	
	4 / 3		
	A3 / V2		



Rated connection

0.5...4 / 2.5...2.5

0.5...4 / 0.5...2.5

0.4...0.6 (M 2.5)

8 / 0.6 x 3.5

further connection

Type	Qty.	Order No.
MAK 2.5	50	1615270000

Type	Qty.	Order No.
VLI 1.5	50	1633250000

Plug-in modular terminals

Spade connection

Terminals for connecting push-on tabs to EN 61210 / VDE 0613-6.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

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

Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version
dark beige Wemid
blue Wemid

Note

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole

Cross-connection (screwed)	
	2-pole
	3-pole
	4-pole
	10-pole

End plate / Partition plate	
End plate	dark beige Wemid
	blue Wemid
Partition plate	dark beige Wemid
	blue Wemid

End bracket	
	dark beige

Testing / Checking	
For testing wired terminal strips	Standard
	with spigot

Cover	
	with lightning flash symbol
	blank

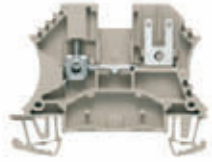
Marking systems	
(see large assortment in catalogue 7)	
	Marking tags

For detailed information on other accessories and applications see "Accessories"

WDU 2.5 F

2.5 mm²

Spade connection right



5.1 x 60 x 47	
12 / 4	
0.13 ... 4	

IEC 60947-7-1 / IEC 61210

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

Rated connection	further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	0.5...1
0.4...0.8 (M 2.5)	
10 / 0.6 x 3.5	

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

With insulating sleeves on spade connectors the voltage increases to 500 V. Current is limited by 2.8 mm spade connectors with 1 mm² conductor.

Type	Qty.	Order No.
WDU 2.5 F 2X2.8	100	1021800000

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

Type	Current [A]	Qty.	Order No.

Current [A]			
WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/10	32	20	1054460000

width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 2.5-10 BL	1.5	50	1050080000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5	20	1050180000

width [mm]			
WEW-35/2	8	100	1061200000

WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000

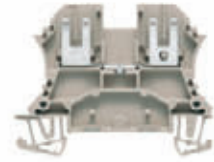
WS 12/5

Insulating sleeve for spade connector, 2.8 mm, order No. 0386060000

WDU 2.5 FF 2x2.8

1 mm²

Spade connection left and right



5.1 x 60 x 47	
12 / 1	
0.13 ... 1	

IEC 60947-7-1 / IEC 61210

IEC	UL	CSA	EN 60079-7
500	300	300	
12	10	10	
1	AWG 22... 12	AWG 26... 12	
	6 / 3		
	/ V-0		

Rated connection	further connection
0.5...4	
1...1 / 0.5...2.5	

With insulating sleeves on spade connectors the voltage increases to 500 V. Current is limited by 2.8 mm spade connectors with 1 mm² conductor.

Type	Qty.	Order No.
WDU 2.5 FF 2X2.8	100	1021900000

Technical data relates to 2.8 mm spade connectors with 1 mm² conductor.

Type	Current [A]	Qty.	Order No.

Current [A]			
WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/10	32	20	1054460000

width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 2.5-10 BL	1.5	50	1050080000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5	20	1050180000

width [mm]			
WEW-35/2	8	100	1061200000

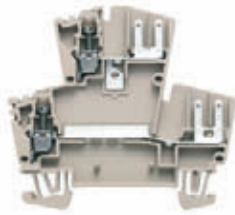
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000

WS 12/5

Insulating sleeve for spade connector, 2.8 mm, order No. 0386060000

WDK 2.5 F
2.5 mm²

Spade connection right


5.1 x 69.5 x 63
12 / 4
0.13 ... 4


IEC 60947-7-1 / IEC 61210

IEC	UL	CSA	EN 60079-7
400	300	300	
12	10	10	
2.5	AWG 22... 12	AWG 26... 12	
6 / 3			
A3 / V-0			



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

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

 With insulating sleeves on spade connectors the voltage increases to 500 V. Current is limited by 2.8 mm spade connectors with 1 mm² conductor.

WDK 2.5 FF
1 mm²

Spade connection left and right


5.1 x 75.5 x 63
12 / 1
0.13 ... 1


IEC 60947-7-1 / IEC 61210

IEC	UL	CSA	EN 60079-7
400	300	300	
12	10	10	
1	AWG 22... 12	AWG 26... 12	
6 / 3			
/ V-0			



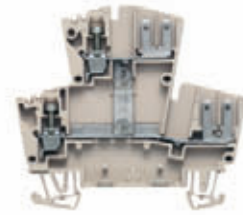
Rated connection	further connection
0.5...4	
1...1	

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

 With insulating sleeves on spade connectors the voltage increases to 500 V. Current is limited by 2.8 mm spade connectors with 1 mm² conductor.

WDK 2.5 FV
2.5 mm²

Spade connection right, both levels at one potential


5.1 x 69.5 x 63
12 / 4
0.13 ... 4


IEC 60947-7-1 / IEC 61210

IEC	UL	CSA	EN 60079-7
400	300	300	
12	10	10	
2.5	AWG 22... 12	AWG 26... 12	
6 / 3			
A3 / V-0			



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

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

 With insulating sleeves on spade connectors the voltage increases to 500 V. Current is limited by 2.8 mm spade connectors with 1 mm² conductor.

Type	Qty.	Order No.
WDK 2.5 F	100	1021600000
WDK 2.5 F BL	100	1021680000
2.5 mm ² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)		

Type	Qty.	Order No.
WDK 2.5 FF	100	1021700000
WDK 2.5 FF BL	100	1021780000

Type	Qty.	Order No.
WDK 2.5 FV	100	1022400000
2.5 mm ² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)		

Type	Current [A]	Qty.	Order No.
WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/10	32	20	1054460000
width [mm]			
WAP WDK2.5	1.5	20	1059100000
WAP WDK2.5 BL	1.5	20	1059180000
WTW EN	3	20	1058800000
width [mm]			
WEW-35/2	8	100	1061200000
WAD 4 GE BED	50		1072000000
WAD 4 WS	50		1072100000
WS 8/5			
Insulating sleeve for spade connector, 2.8 mm, order No. 0386060000			

Type	Current [A]	Qty.	Order No.
WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/10	32	20	1054460000
width [mm]			
WAP WDK2.5	1.5	20	1059100000
WAP WDK2.5 BL	1.5	20	1059180000
WTW EN	3	20	1058800000
width [mm]			
WEW-35/2	8	100	1061200000
WAD 4 GE BED	50		1072000000
WAD 4 WS	50		1072100000
WS 8/5			
Insulating sleeve for spade connector, 2.8 mm, order No. 0386060000			

Type	Current [A]	Qty.	Order No.
WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/10	32	20	1054460000
width [mm]			
WAP WDK2.5	1.5	20	1059100000
WAP WDK2.5 BL	1.5	20	1059180000
WTW EN	3	20	1058800000
width [mm]			
WEW-35/2	8	100	1061200000
WAD 4 GE BED	50		1072000000
WAD 4 WS	50		1072100000
WS 8/5			
Insulating sleeve for spade connector, 2.8 mm, order No. 0386060000			

Plug-in modular terminals

Plug-in connection

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque	Nm
Stripping length / Blade size	mm / -
2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Note	

Ordering data

Version	
	dark beige Wemid
	blue Wemid
Note	

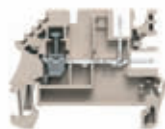
Accessories

Cross-connection	
(ZQV - pluggable / WQV - screwed)	2-pole
	3-pole
	4-pole
	10-pole
End plate	
	with spigot
	without spigot
Fixing block for socket connector	
	with spigot
	without spigot
Socket connectors	
	4-pole
	6-pole
	8-pole
with side dovetail	4-pole
with side dovetail	6-pole
with side dovetail	8-pole
Miscellaneous accessories	
Cover for unused pins	
Coding element	
Marking systems	
(see large assortment in catalogue 7)	
	Marking tags
For detailed information on other accessories and applications see "Accessories"	

WDU 1.5 BLZ 5.08 WQV

1.5 mm²

Screw cross-connection



5.1 x 49 x 37.5	WQV	BLZ 5.08
16 / 4		
0.13 ... 4		BLZ 5.08

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 60079-7
250	300	300	
16	20	10	
1.5	AWG 26... 16	AWG 26... 16	
		4 / 3	
		A3 / V-0	



Rated connection	pluggable connector
0.5...4 / 1.5...4	0.5...2.5 / 1.5...2.5
0.5...4 / 0.5...2.5	0.5...2.5 / 0.5...2.5
0.4...0.6 (M 2.5)	0.4...0.6 (M 2.5)
10 / 0.6 x 3.5	7 / 0.6 x 3.5

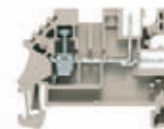
0.5...1.5
0.5...1.5 / 0.5...1.5

Dims. with BLZ socket connector: length 57.5 mm / height 50 mm

WDU 1.5 BLZ 5.08 ZQV

1.5 mm²

Plug-in cross-connection



5.1 x 49 x 37.5	ZQV	BLZ 5.08
16 / 4		
0.13 ... 4		BLZ 5.08

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 60079-7
250	300	300	
16	20	10	
1.5	AWG 26... 16	AWG 26... 16	
		4 / 3	
		A3 / V-0	

Rated connection	pluggable connector
0.5...4 / 1.5...4	0.5...2.5 / 1.5...2.5
0.5...4 / 0.5...2.5	0.5...2.5 / 0.5...2.5
0.4...0.6 (M 2.5)	0.4...0.6 (M 2.5)
10 / 0.6 x 3.5	7 / 0.6 x 3.5

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

Dims. with BLZ socket connector: length 57.5 mm / height 50 mm

Type	Qty.	Order No.
WDU 1.5/BLZ 5.08	100	1577340000
WDU 1.5/BLZ 5.08 BL	100	1596900000
WDU 1.5 BLA order No. 1577260000 (100 pcs), technical data as for WDU 1.5 BLZ		

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

width [mm]		
WAP WDU1.5/BLZ/ZA	2.5	50
WAP WDU1.5/BLZ	2.5	50

WBB ZA WDU1.5/BL 10/10	10	1068260000
WBB WDU1.5/BL...	10	1068160000

BLZ 5.08/4 SN OR	100	1526660000
BLZ 5.08/6 SN OR	50	1526860000
BLZ 5.08/8 SN OR	50	1527060000
BLZ 5.08/4B SN OR	100	1528960000
BLZ 5.08/6B SN OR	50	1529160000
BLZ 5.08/8B SN OR	50	1529360000

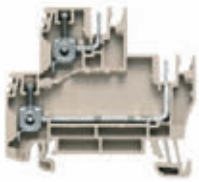
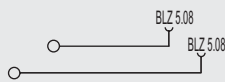
WAD WDU1.5/BL	20	1577400000
BLZ-KO SW	50	1545710000

WS 12/5

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

WDK 2.5 BLZ/5.08**2.5 mm²**

Double terminal pitch 5.08

**5.1 x 58 x 53****18 / 4****0.13 ... 4**

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 60079-7
250	300	300	
16.5	10	24	
2.5	AWG 22... 12	AWG 26... 10	
	4 / 3		
	A3 / V-0		



Rated connection	pluggable connector
0.5...4 / 1.5...2.5	0.5...2.5 / 1.5...2.5
0.5...4 / 0.5...2.5	0.5...2.5 / 0.5...2.5
0.4...0.8 (M 2.5)	0.4...0.5 (M 2.5)
10 / 0.6 x 3.5	7 / 0.6 x 3.5

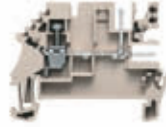
0.5...1.5

0.5...1.5 / 0.5...1.5

Dims. with BLZ socket connector: length 58 mm / height 63.5 mm

WDU 2.5 BLZ/7.62**2.5 mm²**

Pitch 7.62

**7.6 x 49 x 37.5****24 / 4****0.13 ... 4**

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 60079-7
400			
21.5			
2.5			
	6 / 3		
	A3 / V-0		



Rated connection	pluggable connector
0.5...4 / 1.5...2.5	0.5...2.5 / 1.5...2.5
0.5...4 / 0.5...2.5	0.5...2.5 / 0.5...2.5
0.4...0.8 (M 2.5)	0.4...0.5 (M 2.5)
10 / 0.6 x 3.5	7 / 0.6 x 3.5

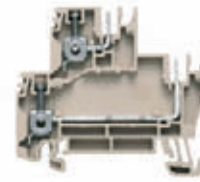
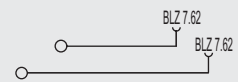
0.5...1.5

0.5...1.5 / 0.5...1.5

Dims. with BLZ socket connector: length 57.5 mm / height 50 mm

WDK 2.5 BLZ/7.62**2.5 mm²**

Double terminal pitch 7.62

**7.6 x 58 x 53****20 / 4****0.13 ... 4**

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 60079-7
400			
18.5			
2.5			
	6 / 3		
	A3 / V-0		



Rated connection	pluggable connector
0.5...4 / 1.5...4	0.5...2.5 / 1.5...2.5
0.5...4 / 0.5...2.5	0.5...2.5 / 0.5...2.5
0.4...0.8 (M 2.5)	0.4...0.5 (M 2.5)
10 / 0.6 x 3.5	7 / 0.6 x 3.5

0.5...1.5

0.5...1.5 / 0.5...1.5

Dims. with BLZ socket connector: length 58 mm / height 63.5 mm

Type	Qty.	Order No.
WDK 2.5/BLZ/5.08/ZA	100	1034400000

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

Type	Qty.	Order No.
WDU 2.5/BLZ/7.62	100	1038900000

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

Type	Qty.	Order No.
WDK 2.5 BLZ/7.62/ZA	50	1038500000

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

Type	Current [A]	Qty.	Order No.

width [mm]			
WAP WDK2.5/BLZ/M.ZA	5.1	20	1070100000
WAP WDK2.5/BLZ/M.ZA	5.1	20	1070100000

WBB ZA WDK2.5/BL5.08	10	1072760000
WBB WDK2.5/BL5.08	10	1072660000

BLZ 5.08/4 SN OR	100	1526660000
BLZ 5.08/6 SN OR	50	1526860000
BLZ 5.08/8 SN OR	50	1527060000
BLZ 5.08/4B SN OR	100	1528960000
BLZ 5.08/6B SN OR	50	1529160000
BLZ 5.08/8B SN OR	50	1529360000

WAD WDU1.5/BL	20	1577400000
BLZ-KO SW	50	1545710000

WS 8/5

For external cross-connection WQB A, see section W-series accessories Electrical distribution.

Type	Current [A]	Qty.	Order No.

width [mm]			
WAP WDU1.5/BLZ/ZA	2.5	50	1577320000
WAP WDU1.5/BLZ	2.5	50	1577330000

WBB ZA WDU2.5/BLZ7.62	10	1073600000
WBB WDU2.5/BLZ7.62	10	1073500000

BLZ 7.62/4 SN OR	100	1623070000
BLZ 7.62/6 SN OR	50	1623090000
BLZ 7.62/8 SN OR	50	1623110000

WAD WDU1.5/BL	20	1577400000
BLZ-KO SW	50	1545710000

WS 12/6,5

Type	Current [A]	Qty.	Order No.

width [mm]			
WAP WDK2.5/BLZ/O.ZA	5.1	20	1070000000
WAP WDK2.5/BLZ/O.ZA	5.1	20	1070000000

WBB ZA WDK2.5/BLZ7.62	10	1072960000
WBB WDK2.5/BLZ7.62	10	1072860000

BLZ 7.62/4 SN OR	100	1623070000
BLZ 7.62/6 SN OR	50	1623090000
BLZ 7.62/8 SN OR	50	1623110000
BLZ 7.62/4B SN OR	100	1623400000
BLZ 7.62/6B SN OR	50	1623420000
BLZ 7.62/8B SN OR	50	1623440000

WAD WDU1.5/BL	20	1577400000
BLZ-KO SW	50	1545710000

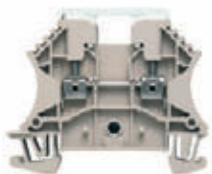
WS 12/6,5 / WS 8/5

For external cross-connection WQB A, see section W-series accessories Electrical distribution.

Terminals for temperature measuring circuits

Thermocouple terminals for temperature measuring circuits

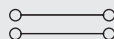
WDU 2.5/TC

2.5 mm²

The installation instructions and the rated data for accessories in the technical information appendix must be taken into account for Ex e applications.

Width x length x height with TS 35 x 7.5	mm
max. current / max. cond. cross-section	A/mm ²
max. clamping range	mm ²

10.2 x 60 x 50.5
/ **2.5**
0.13 ... 2.5



Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Plug gauge to IEC 60947-1 / flammability class to UL 94	
Approvals	

IEC 60947-7-1 / IEC 60584

Ex e II  II 2 G D

IEC	UL	CSA	EN 50019
			50
2.5			1
		/ 3	
		A2 / V-0	



SIRA 02ATEX3153 U

Clamped conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / blade size	mm / -

Rated connection

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

2 clamped conductors of equal cross-sect. (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²

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

Note

Ordering data

Version			
Wemid, dark beige	(NiCr - Ni)	Type K	
	(Cu - CuNi)	Type T	
	(Fe-CuNi)	Type J	
	(Pt 10% - Pt Rh/Pt 13% - Pt Rh)	Type SR	
	(Pt 10% Rh - Pt 6% Rh)	Type B	
	(NiCr - CuNi)	Type E	
	(NiSiI - Nicrosil)	Type N	

Note

Type	Qty	Order No.
WDU 2.5/TC TYP K	50	1024100000
WDU 2.5/TC TYP T	50	1024200000
WDU 2.5/TC TYP J	50	1024300000
WDU 2.5/TC TYP SR	50	1024400000
WDU 2.5/TC TYP B	50	1033700000
WDU 2.5/TC TYP E	50	1033300000
WDU 2.5/TC TYP N	50	1041500000

Accessories

End plate / partition plate	
End plate	Wemid, dark beige
Partition	Wemid, dark beige
End bracket	
	Wemid, dark beige

Type	Width [mm]	Qty	Order No.
WAP 2.5-10	1.5	50	1050000000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
Width [mm]			
WEW 35/2	8	100	1061200000

Marking systems (see large assortment in catalogue 7)

Tags

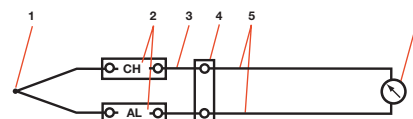
WS 12/5 / DEK 5

For detailed information on additional accessories and applications see chapter "Accessories".

Weidmüller thermocouple terminals are specially designed for the transmission of very small voltages in temperature measuring circuits. Special current bars ensure that no false signals are transmitted within the terminal when temperature differences between the positive and negative paths exist. This high measuring precision is required, for example, in aircraft engine test rigs, complicated chemical processes, controllers, etc.

- Material of current bar corresponds to thermal and compensating conductors
- Clear thermocouple marking
- 2-pole blocks per thermocouple
- Modular width 10 mm

Configuration of a temperature measuring circuit



- 1 Thermocouple (sensor) 4 Reference junction
2 Thermocouple terminals 5 Supply and return conductors
3 Compensating conductor 6 Measuring instrument

The thermocouple terminals shown in this measuring circuit are used for the thermoelectrical transmission of the thermoelectric voltage from the thermocouple to the reference junction and the indicator unit via the compensating conductor. Thermocouple terminals are required for constructing a temperature measuring circuit.

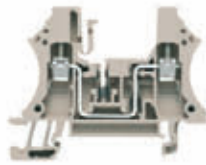
Technical data

Thermocouples to IEC 584 (DIN 43 710)

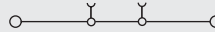
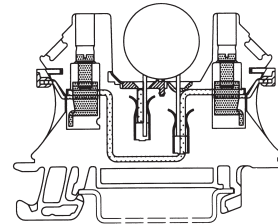
Current bar	
	Cromel Alumel
	E-grade copper (ETP) / Constantan
	Iron Constantan
	E-copper/ A-grade copper
	S-grade copper (OFC) / E-copper
	Cromel- Constantan

Feed-through terminals

for retrofitting of electronic components

WPO 4**4 mm²**

Width x length x height with TS 35 x 7.5 mm
 max. current / max. cond. cross-section A/mm²
 max. clamping range mm²

6.1 x 60 x 47**32 / 4****0.13 ... 4****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 in energised systems!

Technical data**Rated data**

Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Plug gauge to IEC 60947-1 / flammability class to UL 94	
Approvals	

Clamped conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / blade size	mm / -

IEC 60947-7-1 / IEC 60584

IEC	UL	CSA	EN 50019
250	300	300	
32	10	10	
4	AWG 26...12	AWG 26...12	
		4 / 3	
		A3 / V-0	

**Rated connection**

0.5...4 / 1.5...4
0.5...4 / 0.5...4
0.5...1.0 (M3)
9 / 3.5 x 0.6

Ordering data**Version**

Wemid, dark beige

Type	Qty	Order No.
WPO 4	50	1036000000

Note**Accessories****Intermediate frame**

Thickness 2.5 mm

Type	Qty	Order No.
ZR	20	1071100000

Busbar

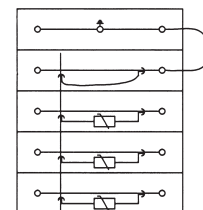
Type	Qty	Order No.
SSch 7.3x1.2	1m	1071200000

Marking systems (see large assortment in catalogue 7)

Tags

WS 12/5 / DEK 6

For detailed information on additional accessories and applications see chapter "Accessories".



Overvoltages in a 3-phase supply discharged to earth via WPE 4 with the aid of varistors and a gas discharge tube.

Terminals with electronic components

Modular terminals with electronic components are available for a number of standard applications. Other versions to customer specification are available upon request.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Electronic fittings	
Diode reverse voltage / Diode current	V / A
voltage LED / current LED	V / mA / -
Resistor / Varistor	-/V
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

Ordering data

Version	
Terminal configuration	dark beige Wemid
see circuit diagram above	dark beige Wemid (red LED)
	dark beige Wemid (green LED)

Note

Accessories

Cross-connection (screwed)	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige Wemid
End bracket	
	dark beige / beige
Screwdrivers	
	with cutting device "swifty set"
	Standard

Labelling systems	(see large assortment in catalogue 7)
	Marking tags

For detailed information on other accessories and applications see "Accessories"

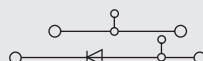
WDK 2.5/D

2.5 mm²

Reverse polarity protection



5.1 x 69 x 63
10 / 4
0.05 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
10	10	10	
2.5	AWG 30... 12	AWG 26... 12	
	6 / 3		
	A3 / V-0		



1000 / 1

Rated connection	further connection
0.5...4 / 4...4	
0.5...4 / 0.5...2.5	
0.4...0.6 (M 2.5)	
10 / 0.6 x 3.5	

Rated current 10 A for continuous busbars only. **Diode 1 N 4007**

Type	Qty.	Order No.
WDK 2.5 1D	25	8025610000

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

Type	Current [A]	Qty.	Order No.
WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/10	32	20	1054460000
width [mm]			
WAP WDK2.5	1.5	20	1059100000
width [mm]			
WEW-35/2	8	100	1061200000
SWIFTY SET	1		9006060000
SD 0.6x3.5x100	1		9008330000

WS 8/5

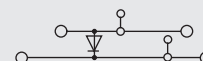
WDK 2.5/D/1

2.5 mm²

Suppression circuit e. g. for contactor



5.1 x 69 x 63
10 / 4
0.05 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
10	10	10	
2.5	AWG 30... 12	AWG 26... 12	
	6 / 3		
	A3 / V-0		



1000 / 1

Rated connection	further connection
0.5...4 / 4...4	
0.5...4 / 0.5...2.5	
0.4...0.6 (M 2.5)	
10 / 0.6 x 3.5	

Rated current 10 A for continuous busbars only. **Diode 1 N 4007**

Type	Qty.	Order No.
WDK 2.5 1D A.1	25	1023400000

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

Type	Current [A]	Qty.	Order No.
WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/10	32	20	1054460000
width [mm]			
WAP WDK2.5	1.5	20	1059100000
width [mm]			
WEW-35/2	8	100	1061200000
SWIFTY SET	1		9006060000
SD 0.6x3.5x100	1		9008330000

WS 8/5

WDK 2.5/D/2**2.5 mm²**

Suppression circuit e. g. for contactor



5.1 x 69 x 63
10 / 4
0.05 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
10	10	10	
2.5	AWG 30... 12	AWG 26... 12	
	6 / 3		
	A3 / V-0		



1000 / 1

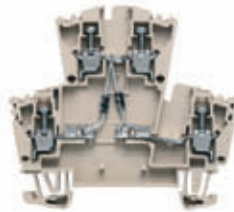
Rated connection	further connection
0.5...4 / 4...4	
0.5...4 / 0.5...2.5	
0.4...0.6 (M 2.5)	
10 / 0.6 x 3.5	

Rated current 10 A for continuous busbars only. **Diode 1 N 4007**

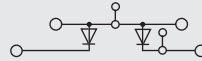
Type	Qty.	Order No.
WDK 2.5 1D A.2	25	1023300000

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)**WDK 2.5/D/4****2.5 mm²**

Lamp test circuits



5.1 x 69 x 63
10 / 4
0.05 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
10	10	10	
2.5	AWG 30... 12	AWG 26... 12	
	6 / 3		
	A3 / V-0		



1000 / 1

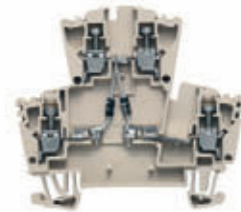
Rated connection	further connection
0.5...4 / 4...4	
0.5...4 / 0.5...2.5	
0.4...0.6 (M 2.5)	
10 / 0.6 x 3.5	

Rated current 10 A for continuous busbars only. **Diode 1 N 4007**

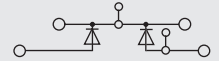
Type	Qty.	Order No.
WDK 2.5 2D	25	8014670000

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)**WDK 2.5/D/5****2.5 mm²**

Lamp test circuits



5.1 x 69 x 63
10 / 4
0.05 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
10	10	10	
2.5	AWG 30... 12	AWG 26... 12	
	6 / 3		
	A3 / V-0		



1000 / 1

Rated connection	further connection
0.5...4 / 4...4	
0.5...4 / 0.5...2.5	
0.4...0.6 (M 2.5)	
10 / 0.6 x 3.5	

Rated current 10 A for continuous busbars only. **Diode 1 N 4007**

Type	Qty.	Order No.
WDK 2.5 2D	25	1022600000

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

Type	Current [A]	Qty.	Order No.
WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/10	32	20	1054460000
width [mm]			
WAP WDK2.5	1.5	20	1059100000
width [mm]			
WEW-35/2	8	100	1061200000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000

WS 8/5

Type	Current [A]	Qty.	Order No.
WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/10	32	20	1054460000
width [mm]			
WAP WDK2.5	1.5	20	1059100000
width [mm]			
WEW-35/2	8	100	1061200000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000

WS 8/5

Type	Current [A]	Qty.	Order No.
WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/10	32	20	1054460000
width [mm]			
WAP WDK2.5	1.5	20	1059100000
width [mm]			
WEW-35/2	8	100	1061200000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000

WS 8/5

Terminals with electronic components

Modular terminals with electronic components are available for a number of standard applications. Other versions to customer specification are available upon request.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

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

Electronic fittings

Diode reverse voltage / Diode current	V / A
voltage LED / current LED	V / mA / -
Resistor / Varistor	-/V

Clamped conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

Ordering data

Version	
Terminal configuration	dark beige Wemid
see circuit diagram above	dark beige Wemid (red LED)
	dark beige Wemid (green LED)

Note

Accessories

Cross-connection (screwed)	
	2-pole
	3-pole
	4-pole
	10-pole

End plate / Partition plate

dark beige Wemid

End bracket

dark beige / beige

Screwdrivers

with cutting device "swifty set"
Standard

Labelling systems (see large assortment in catalogue 7)
Marking tags

For detailed information on other accessories and applications see "Accessories"

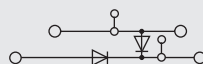
WDK 2.5/D/6

2.5 mm²

Lamp test circuits



5.1 x 69 x 63
10 / 4
0.05 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
10	10	10	
2.5	AWG 30... 12	AWG 26... 12	
	6 / 3		
	A3 / V-0		



1000 / 1

Rated connection

0.5...4 / 4...4

0.5...4 / 0.5...2.5

0.4...0.6 (M 2.5)

10 / 0.6 x 3.5

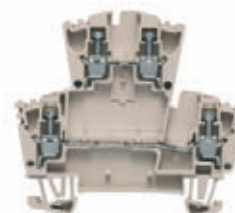
further connection

Rated current 10 A for continuous busbars only.

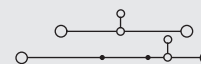
WDK 2.5E w/o electronics

2.5 mm²

For installing electronic components



5.1 x 69 x 63
10 / 4
0.05 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
10			
2.5			
	6 / 3		
	A3 / V-0		



Rated connection

0.5...4 / 4...4

0.5...4 / 0.5...2.5

0.4...0.6 (M 2.5)

10 / 0.6 x 3.5

further connection

Rated current 10 A for continuous busbars only.

Type	Qty.	Order No.
WDK 2.5 2D	25	1023500000

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

Type	Qty.	Order No.
WDK 2.5/D	100	1023200000

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

Type	Current [A]	Qty.	Order No.
WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/10	32	20	1054460000

width [mm]

WAP WDK2.5 1.5 20 1059100000

width [mm]

WEW-35/2 8 100 1061200000

SWIFTY SET 1 9006060000
SD 0.6x3.5x100 1 9008330000

Type	Current [A]	Qty.	Order No.
WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/10	32	20	1054460000

width [mm]

WAP WDK2.5 1.5 20 1059100000

width [mm]

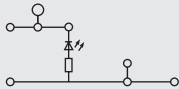
WEW-35/2 8 100 1061200000

SWIFTY SET 1 9006060000
SD 0.6x3.5x100 1 9008330000

WS 8/5

WDK 2.5 LD + -**2.5 mm²**

DC voltage indicator + / -

**5.1 x 69 x 63****10 / 4****0.13 ... 4**

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24			
10			
2.5			
	1 / 3		
	A3 / V-0		

24 / 5

Rated connection**further connection**

0.5...4 / 4...4

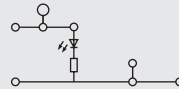
0.5...4 / 0.5...2.5

0.4...0.6 (M 2.5)

10 / 0.6 x 3.5

WDK 2.5 LD - +**2.5 mm²**

DC voltage indicator - / +

**5.1 x 69 x 63****10 / 4****0.13 ... 4**

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24			
10			
2.5			
	1 / 3		
	A3 / V-0		

24 / 5

Rated connection**further connection**

0.5...4 / 4...4

0.5...4 / 0.5...2.5

0.4...0.6

10 / 0.6 x 3.5

Type	Qty.	Order No.
WDK 2.5 LD ROT 1R 24VDC	25	1023660000
WDK 2.5 LD GR 1R 24VDC	25	8023610000

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

Type	Qty.	Order No.
WDK 2.5 LD ROT 1R 24VDC	25	8023630000
WDK 2.5 LD GR 1R 24VDC	25	8010040000

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

Type	Current [A]	Qty.	Order No.
WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/10	32	20	1054460000
width [mm]			
WAP WDK2.5	1.5	20	1059100000
width [mm]			
WEW-35/2	8	100	1061200000
width [mm]			
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000

WS 8/5

Type	Current [A]	Qty.	Order No.
WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/10	32	20	1054460000
width [mm]			
WAP WDK2.5	1.5	20	1059100000
width [mm]			
WEW-35/2	8	100	1061200000
width [mm]			
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000

WS 8/5

Mini terminals TS 15

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 15 x 5.5	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage (to adjacent terminal for PE)	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version	
dark beige Wemid (PA)	
blue Wemid (PA)	
green/yellow Wemid (PA)	

Note

Accessories

Cross-connection	
(ZQV - pluggable / Q - screwed)	

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

End plate / Partition plate	
End plate	dark beige Wemid
	blue Wemid
Partition plate	dark beige Wemid
	blue Wemid

Trennscheibe	
End bracket	
	dark beige

Testing / Checking	
Socket	
Test plug	

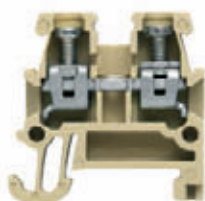
Marking systems	
(see large assortment in catalogue 7)	
Marking tags	

For detailed information on other accessories and applications see "Accessories"

AKZ 1.5

1.5 mm²

Feed-through terminal



5.1 x 24.8 x 25	
24 / 2.5	
0.2 ... 2.5	

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

IEC	UL	CSA	EN 60079-7
250	150	300	176
17.5	15	10	10
1.5	AWG 22... 14	AWG 24... 16	1.5
4 / 3			
A1 / V2			

SIRA 02ATEX3001 U

Rated connection	
0.5...2.5 / 1.5...1.5	
0.5...1.5 / 0.5...1.5	
0.4...0.6 (M 2.5)	
7 / 3.0 x 0.5	

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

Type	Qty.	Order No.
AKZ 1.5	100	0340460000
AKZ 1.5 BL	100	0340480000

AKZ 1.5 order Nos 0340460000 and 0340480000 made from PA with V2 flammability rating to UL 94

Type	Current [A]	Qty.	Order No.
Q 2 AKZ1.5	24	50	0368200000
Q 3 AKZ1.5	24	50	0368300000
Q 4 AKZ1.5	24	50	0368400000
Q 10 AKZ1.5	24	20	0368500000

width [mm]	
AP AKZ1.5	1.5 50 0340560000
AP AKZ1.5 BL	1.5 50 0340580000

width [mm]	
EW 15	10 50 0382860000

STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000
PS 2.3 RT	20	0180400000

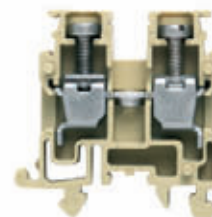
width [mm]	
------------	--

width [mm]	
------------	--

AKZ 2.5

2.5 mm²

Feed-through terminal



5.1 x 25.5 x 26.5	
32 / 4	
0.13 ... 4	

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

IEC	UL	CSA	EN 60079-7
250	300	300	176
24	10	10	15
2.5	AWG 22... 12	AWG 26... 10	2.5
4 / 3			
A3 / V2			

SIRA 02ATEX3001 U

Rated connection	
0.5...4 / 1.5...2.5	
0.5...2.5 / 0.5...2.5	
0.4...0.6 (M 2.5)	
7 / 3.0 x 0.5	

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

Note
Use of twin wire end ferrules on request

Type	Qty.	Order No.
AKZ 2.5	100	0697160000
AKZ 2.5 BL	100	0697180000

Type	Current [A]	Qty.	Order No.
Q 2 AKZ1.5	24	50	0368200000
Q 3 AKZ1.5	24	50	0368300000
Q 4 AKZ1.5	24	50	0368400000
Q 10 AKZ1.5	24	20	0368500000

width [mm]	
AP AKZ2.5	2.5 50 0697360000
AP AKZ2.5 BL	2.5 50 0697380000
TW AKZ2.5	0.5 20 0318560000
TW AKZ2.5 BL	0.5 20 0318580000

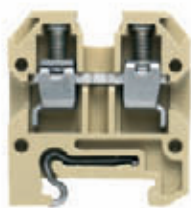
width [mm]	
EW 15	10 50 0382860000

STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000
PS 2.3 RT	20	0180400000

width [mm]	
------------	--

width [mm]	
------------	--

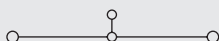
AKZ 4

4 mm²

6.1 x 27 x 30.5

41 / 6

0.13 ... 6



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
400	300	300	275
32	27	10	21
4	AWG 22... 12	AWG 24... 12	4
6 / 3			
A3 / V2			



SIRA 02ATEX3001 U

Rated connection

0.5...6 / 1.5...4

0.5...4 / 0.5...2.5

0.6...0.8 (M 3)

8 / 0.6 x 3.5

0.5...1.5

0.5...1.5 / 0.5...1.5

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

Type	Current [A]	Qty.	Order No.
Q 2 AKZ4	32	50	0336400000
Q 3 AKZ4	32	50	0336500000
Q 4 AKZ4	32	50	0336600000
Q 10 AKZ4	32	20	0368600000

width [mm]			
AP AKZ4	1.5	20	0294460000
AP AKZ4 BL	1.5	20	0294480000
TW AKZ4	0.5	50	0348260000
TW AKZ4 BL	0.5	50	0348280000
TSCH 4 AKZ4	6	100	0363360000

width [mm]			
STB 8.5/D4/2.3/M2.5 AKZ	50		0215700000
PS 2.3 RT	20		0180400000

DEK 6

AKE 2.5

2.5 mm²

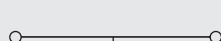
PE terminal



5.1 x 28 x 28

/ 4

0.13 ... 4



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 22... 12	AWG 26... 12	2.5
/ 3			
A3 / V2			



SIRA 02ATEX3001 U

Rated connection

0.5...4 / 1.5...2.5

0.5...2.5 / 0.5...2.5

0.4...0.6 (M 2.5)

7 / 3.0 x 0.5

Type	Qty.	Order No.
AKE 2.5	100	1303360000

Type	Current [A]	Qty.	Order No.
EW 15	10	50	0382860000

width [mm]			
EW 15	10	50	0382860000

width [mm]			
EW 15	10	50	0382860000

AKE 4

4 mm²

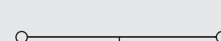
PE terminal



7 x 32 x 34.5

/ 4

0.13 ... 4



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 22... 12	AWG 26... 12	4
/ 3			
A3 / V2			



SIRA 02ATEX3001 U

Rated connection

0.5...4 / 1.5...4

0.5...4 / 0.5...2.5

0.5...1.0 (M 3)

9 / 0.6 x 3.5

Type	Qty.	Order No.
AKE 4	100	0380260000

Type	Current [A]	Qty.	Order No.
EW 15	10	50	0382860000

width [mm]			
EW 15	10	50	0382860000

width [mm]			
EW 15	10	50	0382860000

Mini terminals TS 15

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 15 x 5.5	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage (to adjacent terminal for PE)	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version	
	dark beige Wemid (PA)
	blue Wemid (PA)
	green/yellow Wemid (PA)

Note

Accessories

Cross-connection	
(ZQV - pluggable / Q - screwed)	



End plate / Partition plate

End plate	dark beige Wemid
	blue Wemid
Partition plate	dark beige Wemid
	blue Wemid

Trennscheibe

End bracket	
-------------	--

	dark beige
--	------------

Testing / Checking

	Socket
	Test plug

Marking systems (see large assortment in catalogue 7)

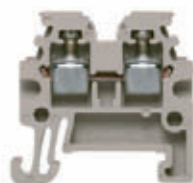
	Marking tags
--	--------------

For detailed information on other accessories and applications see "Accessories"

WDU 1.5/R 3.5

1.5 mm²

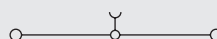
Feed-through terminal (V0)



3.5 x 24.5 x 25

17.5 / 1.5

0.13 ... 1.5



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
400	300	300	275
17.5	10	10	14
1.5	AWG 26... 14	AWG 26... 16	1.5
4 / 3			
A1 / V-0			



KEMA 99ATEX6545 U

Rated connection

0.5...1.5 / 1.5...1.5
0.5...1.5 / 0.5...1.5
0.3 (M 2)
7 / 0.4 x 2.5

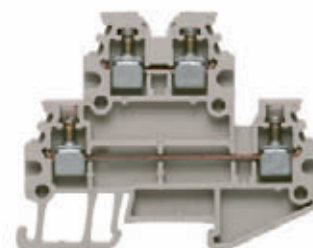
PZ 6/5 recommended as crimping tool for 1.5 mm² with wire end ferrule

Type	Qty.	Order No.
WDU 1.5/R3.5	100	1753280000
WDU 1.5/R3.5 BL	100	1754170000

WDK 1.5/R3.5

1.5 mm²

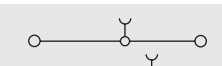
Double feed-through terminal (V0)



3.5 x 46.5 x 38.5

16 / 1.5

0.13 ... 1.5



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
400	300	300	275
16	10	10	15
1.5	AWG 26... 14	AWG 26... 16	1.5
4 / 3			
A1 / V-0			



KEMA 99ATEX6545 U

Rated connection

0.5...1.5 / 1.5...1.5
0.5...1.5 / 0.5...1.5
0.3 (M 2)
7 / 0.4 x 2.5

0.5...0.75

0.5...0.75 / 0.5...0.5

PZ 6/5 recommended as crimping tool for 1.5 mm² with wire end ferrule

Type	Qty.	Order No.
WDK 1.5/R3.5	100	1753290000
WDK 1.5/R3.5 BL	100	1754180000

Type	Current [A]	Qty.	Order No.
ZQV 1.5N/R3.5/2 GE	17.5	50	1754210000
ZQV 1.5N/R3.5/3 GE	17.5	50	1754220000
ZQV 1.5N/R3.5/4 GE	17.5	20	1754230000
ZQV 1.5N/R3.5/10 GE	17.5	20	1754290000

width [mm]	
WAP WDU1.5/R3.5	1.5 20 1754190000

width [mm]	
WAP WDK1.5/R3.5	1.5 20 1754200000

width [mm]	
EW 15	10 50 0382860000

DEK 5/3,5

WPE 1.5/R3.5

1.5 mm²

PE terminal (V0)



3.5 x 24.5 x 25
/ 1.5
0.13 ... 1.5

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
1.5 AWG 26... 18 AWG 26... 18			
4 / 3			
A1 / V-0			



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

PZ 6/5 recommended as crimping tool for 1.5 mm² with wire end ferrule

Type	Qty.	Order No.
WPE 1.5/R3.5	100	1798460000

Type	Current [A]	Qty.	Order No.
width [mm]			
WAP WDU1.5/R3.5	1.5	20	1754190000
width [mm]			
EW 15	10	50	0382860000

DEK 5/3,5

Stud terminals

Power transmission

Weidmüller's extensive range of stud terminals offers secure connections for all applications which entail a transmission of energy. The connection range extends from 10 mm² to 300 mm² and is available for TS 35 or TS 32 DIN Rail Mounting.

The conductors are applied to the threaded studs by means of crimped cable lugs, and then securely connected by tightening the hex nut. Stud terminals can be used with threaded studs M5 to M16, depending on the conductor cross-section.

Maximum safety is guaranteed by low through resistance and self-extinguishing material in flammability class V-0 (UL94).

All stud terminals are tested according to international railway standards (EN 50343, EN 50155, NF F61-017, NF16-101; RIA 20) and comply with these requirements.

Handling

To connect the conductors, cable lugs are crimped to the ends of the conductors. The cable lugs are placed on the stud between the washer on the terminal carrier and toothed washer. The backs of the cable lugs lie against each other. The hex nuts are tightened to press the lugs of the cable lugs against each other for secure contact.

In addition, a third conductor can be positioned from the opposite connection direction.

Series WF / WFF

- for voltage ranges up to 1000 V
- also suitable for up to 2300 V and 520 A when using special epoxy resin partition plates

Single stud terminals WF

- 4 conductors can be securely connected without any problems
- 3 conductors even without restricting the rating data

Twin-stud terminals WFF

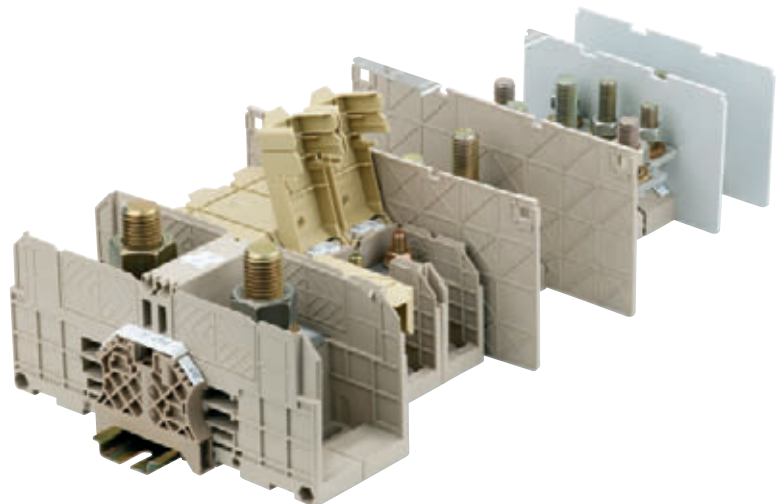
- integrated hinged head

Series ST 4000

- for voltage ranges up to 4000 V and currents up to 415 A
- for extreme demands, particularly in railway applications

Accessories

We also offer extensive accessories for our stud terminals, with detailed descriptions on the following pages.



Product overview

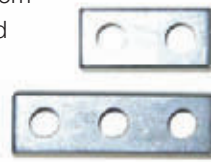
Thread size	M5	M6	M8	M10	M12	M16
Single-stud terminals – WF	•	•	•	•	•	
Two-stud terminals – WF 2 BZ		•	•	•		
Two-stud terminals – WFF		•	•	•	•	•
Two-stud terminals – ST 4000 (up to 4000 V)			•	•	•	

Stud connection

- Stud size M5 to M16
- Conductor with cable lug to DIN 46234 up to 240 mm² to DIN 46235 up to 300 mm²
- 3 cable lugs possible per stud, even 4 cable lugs with the WF-Series

**Cross connections**

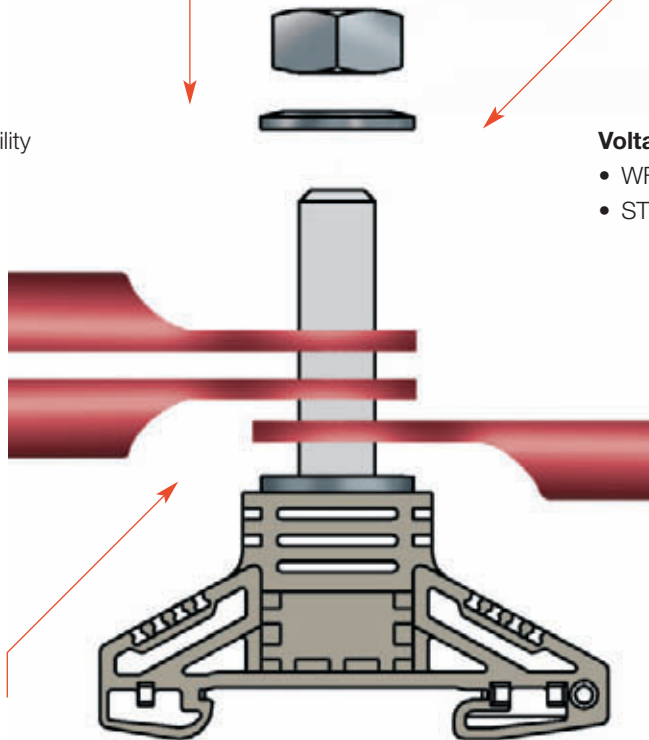
- Faster electrical distribution for clear time savings
- Can be used for all stud terminals
- Available in 2, 3 and 4-poles version
- Electrical distribution possible between different sizes (from WF6 to WF8 and to WF10)

**Easy to use**

- Cable lugs placed on washer on stud
- Washer and toothed washer placed on top
- Steel nut tightened to create contact between cable lugs and – if applicable – busbar

Wemid clamp support

- Non-tracking, CTI 600
- Thermally stable up to 120°C
- Self-extinguishing V0 flammability class to UL94
- No hazardous substances
- Low smoke and fume.
- Complies with the requirements of DIN 5510 part 2, railway standard NFF 16-101 and BS 6853

**Voltage range**

- WF / WFF up to 2.300 V
- ST 4000 up to 4.000 V

Reliable contact

- Maintenance free, no need to retighten the nuts
- Toothed washer for vibration-proof, high strength contact
- Cable lugs contact directly or via a highly conductive busbar



"Toothed" washer with protective coating.

Safe to use

Shock protection

- in WF with partition plates and transparent cover strips
- in WFF with locking cover for each connection
- in ST 4000 with screw-on polycarbonate cover

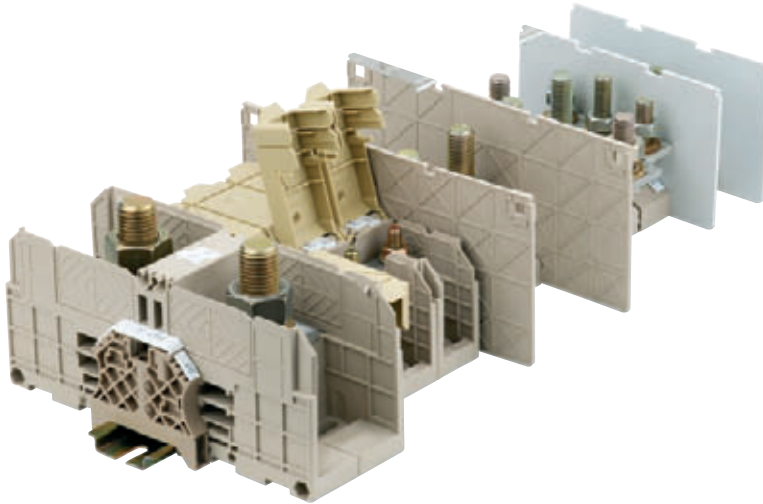
Standards

Fulfil requirements for standard terminals and specific railway standards

- EN 60 947-7-1
- EN 50124-1
- DIN EN 61373
- RIA 20
- EN 50343
- NF F 61-017

Stud terminals - Accessories

Series WF and WFF



Electrical distribution



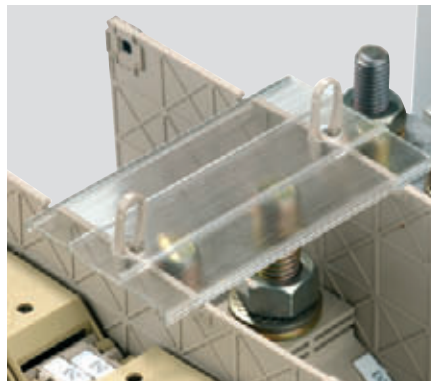
Electrical distribution can be realised between neighbouring stud terminals easily with 2 and 3 poles cross-connections. Cross-connections are also available for different thread sizes from M6 to M8 or M10. In the WFF two-stud terminals, firstly the partition plates have to be removed between the clamped supports. The thin web of material means they can be broken out easily to fit.

Shock protection



The two-stud terminals in the WF-Series offer with an integrated hinged cover a high degree of finger safety. When closed, the cover locks onto the terminal and protects the contact from accidental contact.

Shock protection / partition plates



Shock protection in the WF-Series is provided by partition plates WTW and transparent cover strips ADP. The cover strips are locked into the guides of the partition plates and held with clips to prevent them slipping to the side. Partition plates ensure compliance with the rated voltage:

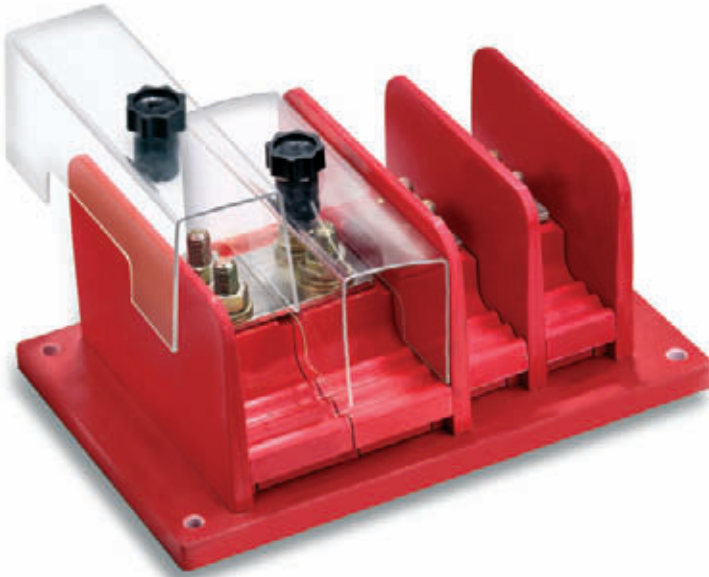
- Voltage range up to 1000 V with partition plate WTW WF
- Voltage range up to 2300 V for WF with epoxy partition plate WTW WF 2300

Connection



Couldn't be easier: the cable lugs are placed on the stud with the washer and toothed washer on top. A normal open-ended spanner can be used to tighten the hex screw and complete installation.

Series ST 4000



Shock protection



Stud terminals in the ST 4000 series offer an ideal cover for every version. The polycarbonate cover is placed between the partition plates and fastened to the stud with the plastic-coated fixing nut.

Fixing nuts are available to fit every stud size.

Potential distribution



When two neighbouring ST 4000 terminals have the same current, cross-connectors are fitted instead of the busbar.

The pairs of holes in the cross-connection are rated exactly to the spacing of ST 4000.

Here the partition plate has to be replaced by the connecting piece ST 4000/S C130 or ST 4000/L C160.

Cross-connections are available as 2, 3 or 4-poles.

Connection



Couldn't be easier: the cable lugs are placed on the stud with the washer and toothed washer on top. Tighten the steel hexagonal nut to ensure good contact between cable lug and busbar.

The same principle applies when two cable lugs contact on one stud or slotted hole cable lugs are used.

Slotted hole cable lugs can also be placed over both studs.

Single-stud terminals

WF series

WF 5

16 mm²

Screw thread M5



13 x 67 x 54
76 / 16
0.1 ... 16

WF 6

35 mm²

Screw thread M6



19.6 x 67 x 56
125 / 35
2.5 ... 35

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
max. current / max. conductor A/mm²
max. clamping range mm²

Technical data

Rated data with Wemid partition plate	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Rated data with epoxy resin partition plate	
Rated voltage / Rated impulse withstand voltage	V/kV
Clamped cable lugs	
DIN 46234 / 1 cable lug per side	mm ²
DIN 46234 / 2 cable lugs per side	mm ²
DIN 46235 / 1 cable lug per side	mm ²
DIN 46235 / 2 cable lugs per side	mm ²
Tightening torque range	Nm
Note	

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
76	85	85	
16	AWG 10... 4	AWG 10... 4	
	8 / 3		
	/ V-0		
EN 50124			

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
125	115	150	
35	AWG 14... 2	AWG 14... 2	
	8 / 3		
	/ V-0		
EN 50124			

Ordering data

Version	
	dark beige Wemid
	blue Wemid
Variation with hood	dark beige Wemid
Note	

Type	Qty.	Order No.
WF 5	25	1790130000

Type	Qty.	Order No.
WF 6	25	1780850000

Accessories

Cross-connection	
	2-pole
	3-pole
Partition plate	
up to 1000 V	dark beige Wemid
up to 1000 V for insulated cable lugs	dark beige Wemid
up to 2300 V	beige epoxy resin
End bracket	
	dark beige Wemid
Protection against electric shock	
Cover profile, transparent	
Holder for cover profile, transparent	
Hood, dark beige Wemid	
Warning triangle for power supply terminals	
	with lightning flash symbol
Marking systems	
(see large assortment in catalogue 7)	
	Marking tags
For detailed information on other accessories and applications see "Accessories"	

Type	Current [A]	Qty.	Order No.
WQL 2 WF5	76	5	1812710000
WQL 3 WF5	76	5	1812740000
width [mm]			
WTW WF6-WF12	2.5	20	1781240000
WTW WF6 2300	2	20	1781230000
width [mm]			
WEW-35/2	8	100	1061200000
width [mm]			
ADP WF6-WF8		1	1780930000
HA ADP WF6-WF10		10	1781050000
width [mm]			
WS 12/5			
With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1			

Type	Current [A]	Qty.	Order No.
WQL 2 WF6	125	5	1780970000
WQL 3 WF6 - t=4mm	125	5	1780980000
width [mm]			
WTW WF6	2	20	1781220000
WTW WF6 2300	2	20	1781230000
width [mm]			
WEW-35/2	8	100	1061200000
width [mm]			
ADP WF6-WF8		1	1780930000
HA ADP WF6-WF10		10	1781050000
width [mm]			
WS 10/6			
With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1			

WF 8

50 mm²

Screw thread M8



24.6 x 67 x 65

150 / 50

2.5 ... 50

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
150	150	200	
50	AWG 14... 1/0	AWG 14... 1/0	
	8 / 3		
	/ V-0		



EN 50124

2.5...50

2.5...50

6...35

6...35

6.0...12

WF 10

120 mm²

Screw thread M10



35.6 x 67 x 74

269 / 120

6 ... 120

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
269	255	320	
120	AWG 10...kcmil	250AWG 10...kcmil	
	8 / 3		
	/ V-0		



EN 50124

6...120

6...120

10...95

10...95

10...20

WF 12

120 mm²

Screw thread M12



35.6 x 67 x 72

269 / 120

6 ... 120

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
269	255	320	
120	AWG 10...kcmil	250AWG 10...kcmil	
	8 / 3		
	/ V-0		



EN 50124

6...120

6...120

10...95

10...95

14...31

Type	Qty.	Order No.
WF 8	25	1780860000

Type	Qty.	Order No.
WF 10	20	1780870000

Type	Qty.	Order No.
WF 12	20	1780880000

Type	Current [A]	Qty.	Order No.
WQL 2 WF6-8	150	5	1808980000
WQL 3 WF8	150	5	1781000000

width [mm]			
WTW WF8	2	20	1780900000

WTW WF8 2300	2	20	1780910000
--------------	---	----	------------

width [mm]			
WEW-35/2	8	100	1061200000

ADP WF6/WF8	1	1780930000
HA ADP WF6/WF10	10	1781050000

Type	Current [A]	Qty.	Order No.
WQL 2 WF6-10	269	5	1806620000
WQL 3 WF6-10/2	269	5	1806640000

width [mm]			
WTW WF10/WF12	2	20	1780890000

WTW WF10/WF12 2300	2	20	1780920000
--------------------	---	----	------------

width [mm]			
WEW-35/2	8	100	1061200000

ADP WF10/WF12	1	1780940000
HA ADP WF6/WF10	10	1781050000

Type	Current [A]	Qty.	Order No.
WQL 2 WF12	269	5	1781030000
WQL 3 WF12	269	5	1781040000

width [mm]			
WTW WF10/WF12	2	20	1780890000

WTW WF10/WF12 2300	2	20	1780920000
--------------------	---	----	------------

width [mm]			
WEW-35/2	8	100	1061200000

ADP WF10/WF12	1	1780940000
HA ADP WF6/WF10	10	1781050000

WS 10/6

With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1

WS 10/6

With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1

WS 10/6

With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1

WF 10/2BZ

120 mm²

Screw thread M10



35.6 x 67 x 74

269 / 120

6 ... 120

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
269	230	320	
120	AWG 10...kcmil	250AWG 10...kcmil	250
8 / 3			
/ V-0			



EN 50124

- 6...120
- 6...120
- 10...95
- 10...95
- 10...20

Type	Qty.	Order No.
WF 10/2BZ	20	1789790000

Type	Current [A]	Qty.	Order No.
WQL 2 WF10	269	5	1781010000
WQL 3 WF10	269	5	1781020000

width [mm]			
WTW WF10/WF12	2	20	1780890000

WTW WF10/WF12 2300	2	20	1780920000
--------------------	---	----	------------

width [mm]			
WEW-35/2	8	100	1061200000

ADP WF10/WF12	1	1780940000
HA ADP WF6/WF10	10	1781050000

WS 12/5

With WTW...2300 made from epoxy resin, rated current 1500 V up to 70 mm² according to prelim. EN 50124 pt 1

Twin stud terminals

WFF series

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

Rated data with Wemid partition plate	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Rated data with epoxy resin partition plate	
Rated voltage / Rated impulse withstand voltage	V/kV

Clamped cable lugs	
DIN 46234 / 1 cable lug per side	mm ²
DIN 46234 / 2 cable lugs per side	mm ²
DIN 46235 / 1 cable lug per side	mm ²
DIN 46235 / 2 cable lugs per side	mm ²
Tightening torque range	Nm

Note

Ordering data

Version	
	dark beige Wemid
	blue Wemid
Variation with hood	dark beige Wemid
Note	

Accessories

Cross-connection	
	2-pole
	3-pole

Partition plate	
up to 1000 V	dark beige Wemid
up to 1000 V for insulated cable lugs	dark beige Wemid
up to 2300 V	beige epoxy resin

End bracket	
	dark beige Wemid

Protection against electric shock	
	Cover profile, transparent
	Holder for cover profile, transparent
	Hood, dark beige Wemid

Warning triangle for power supply terminals	
	with lightning flash symbol

Marking systems	(see large assortment in catalogue 7)
	Marking tags

For detailed information on other accessories and applications see "Accessories"

WFF 35

35 mm²
Screw thread M6


27 x 107 x 54.5	
150 / 50	
2.5 ... 50	

Ex e II II 2 G D

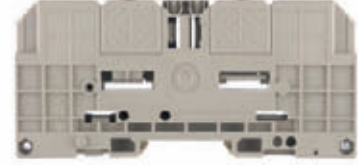
IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
125	115	130	109
35	AWG 14... 2	AWG 14... 2	35
8 / 3			
/ V-0			

KEMA 98ATEX1684 U

EN 50124

2.5...50
2.5...35
6...25
6...25
3.0...6.0

WFF 70

70 mm²
Screw thread M8


32 x 132 x 64	
232 / 95	
2.5 ... 95	

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
192	175	170	167
70	AWG 14... 2/0	AWG 14... 2/0	70
8 / 3			
/ V-0			

KEMA 98ATEX1684 U

EN 50124

2.5...95
2.5...70
16...70
16...70
6.0...12

Type	Qty.	Order No.
WFF 70	10	1028400000
WFF 70 BL	10	1028480000
WFF 70/AH	5	1029400000
The rated voltage is reduced to 800 V when using a cable lug to DIN 46234 with 70 and 95 mm ² .		

Type	Current [A]	Qty.	Order No.
WQL 2 WFF70	192	5	1065000000
WQL 3 WFF70	192	5	1065500000

width [mm]	
WTW WFF70	2 10 1067200000

width [mm]	
WEW 35/1	12 50 1059000000

WAH 70 BE	20 1064560000
-----------	----------------------

WD 1 25 K KARTE A 6 ST	5 1563900000
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WS 12/6,5	
WAH 70 in blue, order No. 1064580000	

WFF 120

120 mm²

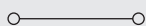
Screw thread M10



42 x 132 x 73

309 / 150

6 ... 150



Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
269	310	310	234
120	AWG 10...kcmil	250AWG	10...kcmil 250120
8 / 3			
/ V-0			



KEMA 98ATEX1684 U

EN 50124

6...150

6...120

16...150

16...120

10...20

WFF 185

185 mm²

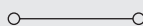
Screw thread M12



55 x 163 x 79

415 / 240

10 ... 240



Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
353	380	360	307
185	AWG 8...kcmil	500AWG	8...kcmil 500 185
8 / 3			
/ V-0			



KEMA 98ATEX1684 U

EN 50124

10...240

10...185

25...240

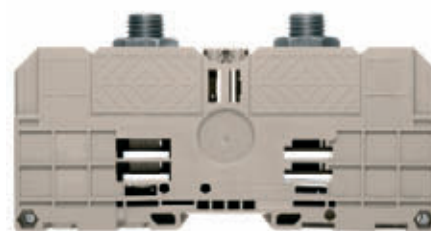
25...185

14...31

WFF 300

300 mm²

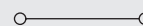
Screw thread M16



55 x 163 x 86

520 / 300

25 ... 300



Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
520	500	510	452
300	AWG 6...kcmil	600AWG	6...kcmil 600 300
8 / 3			
/ V-0			



KEMA 98ATEX1684 U

EN 50124

25...240

25...240

50...300

50...240

25...60

Type	Qty.	Order No.
WFF 120	5	1028500000
WFF 120 BL	5	1028580000
WFF 120/AH	4	1029500000

Type	Qty.	Order No.
WFF 185	4	1028600000
WFF 185 BL	4	1028680000
WFF 185/AH	2	1029600000

Type	Qty.	Order No.
WFF 300	4	1028700000
WFF 300 BL	4	1028780000
WFF 300/AH	2	1029700000

Type	Current [A]	Qty.	Order No.
WQL 2 WFF120	269	5	1065100000
WQL 3 WFF120	269	5	1065600000

width [mm]			
WTW WFF120	2	10	1067300000

width [mm]			
WEW 35/1	12	50	1059000000

WAH 120	20	1064660000
---------	----	------------

WD 1 25 K KARTE A 6 ST	5	1563900000
------------------------	---	------------

WS 12/6,5

WAH 120 in blue, order No. 1064650000

Type	Current [A]	Qty.	Order No.
WQL 2 WFF185	353	5	1065200000
WQL 3 WFF185	353	5	1065700000

width [mm]			
WTW WFF185/300	2	10	1067400000

width [mm]			
WEW 35/1	12	50	1059000000

WAH 185/300 BE	10	1064760000
----------------	----	------------

WD 1 25 K KARTE A 6 ST	5	1563900000
------------------------	---	------------

WS 12/6,5

WAH 185/300 in blue, order No. 1064780000

Type	Current [A]	Qty.	Order No.
WQL 2 WFF300	520	5	1065300000
WQL 3 WFF300	520	5	1065800000

width [mm]			
WTW WFF185/300	2	10	1067400000

width [mm]			
WEW 35/1	12	50	1059000000

WAH 185/300 BE	10	1064760000
----------------	----	------------

WD 1 25 K KARTE A 6 ST	5	1563900000
------------------------	---	------------

WS 12/6,5

WAH 185/300 in blue, order No. 1064780000

Twin stud terminals

ST4000 (up to 4 kV)

ST 4000/S M8

120 mm²

Screw thread M8



ST 4000/S M10

120 mm²

Screw thread M10

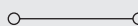


width x length x height with TS 35 x 7.5 mm
 max. current / max. conductor A/mm²
 max. clamping range mm²

40 x 150 x 84

269 / 120

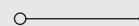
1.5 ... 120



40 x 150 x 84

269 / 120

4 ... 120



Technical data

Rated data with Wemid partition plate

Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

IEC	UL	CSA	EN 60079-7
4000			
269			
120			
	30 / 3		
	/ V-0		

IEC	UL	CSA	EN 60079-7
4000			
269			
120			
	30 / 3		
	/ V-0		

Clamped cable lugs

DIN 46234 / 1 cable lug per side	mm ²
DIN 46234 / 2 cable lugs per side	mm ²
DIN 46235 / 1 cable lug per side	mm ²
DIN 46235 / 2 cable lugs per side	mm ²
Tightening torque range	Nm

EN 50124

1.5 - 120

16...70

6.0...12

EN 50124

4 - 120

10...20

Note

Rated voltage when using cable lugs to DIN 46234

Rated voltage when using cable lugs to DIN 46234

Ordering data

Version

red
 with internal thread

Type	Qty.	Order No.
ST 4000/S M8	25	1809110000
ST 4000/S M8 F	25	1809120000

Type	Qty.	Order No.
ST 4000/S M10	25	1809130000
ST 4000/S M10 F	25	1809140000

Note

Weidmüller can prepare drawings for a ST 4000 application to customer specification.

Weidmüller can prepare drawings for a ST 4000 application to customer specification.

Accessories

Cross-connection

2-pole
 3-pole
 4-pole

Type	Current [A]	Qty.	Order No.
ST 4000/S J2 M8	269	100	1809310000
ST 4000/S J3 M8	269	50	1809320000
ST 4000/S J4 M8	269	25	1809330000

Type	Current [A]	Qty.	Order No.
ST 4000/S J2 M10	269	100	1809340000
ST 4000/S J3 M10	269	50	1809350000
ST 4000/S J4 M10	269	25	1809360000

Current bar

Connection between screws on a terminal	M8 / 4 mm thick
	M10 / 4 mm thick
	M10 / 6 mm thick
	M12 / 4 mm thick
	M12 / 6 mm thick

Type	Qty.	Order No.
ST 4000/S CB M8/4	100	1809250000

Type	Qty.	Order No.
ST 4000/S CB M10/4	100	1809260000
ST 4000/S CB M10/6	100	1809270000

Connecting piece

For positioning 2 terminals adjacent to each other without partition plates	130 mm long
	160 mm long

Type	Qty.	Order No.
ST 4000/S C130	50	1809230000

Type	Qty.	Order No.
ST 4000/S C130	50	1809230000

Partition plate

150 mm long
 180 mm long

width [mm]	Qty.	Order No.
ST 4000/S P150	10	1809190000

width [mm]	Qty.	Order No.
ST 4000/S P150	10	1809190000

End bracket

for end of terminal block	150 mm long
	180 mm long

width [mm]	Qty.	Order No.
ST 4000/S E150	10	1809210000

width [mm]	Qty.	Order No.
ST 4000/S E150	10	1809210000

Protection against electric shock

	150 mm long
	180 mm long
with internal thread	Fixing nut

Type	Qty.	Order No.
ST 4000/S S150	20	1809470000

Type	Qty.	Order No.
ST 4000/S S150	20	1809470000

Marking systems (see large assortment in catalogue 7)
 Marking tags

For detailed information on other accessories and applications see "Accessories"

ST 4000/L M10

150 mm²

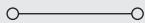
Screw thread M10



55 x 180 x 90

309 / 150

10 ... 150



IEC	UL	CSA	EN 60079-7
4000			
309			
150			
	30 / 3		
	/ V-0		

EN 50124
10 - 150
25 - 150
10...20

Rated voltage when using cable lugs to DIN 46234

Type	Qty.	Order No.
ST 4000/L M10	15	1809150000
ST 4000/L M10 F	15	1809160000

Weidmüller can prepare drawings for a ST 4000 application to customer specification.

Type	Current [A]	Qty.	Order No.
ST 4000/L J2 M10	309	50	1809370000
ST 4000/L J3 M10	309	50	1809380000
ST 4000/L J4 M10	309	25	1809390000
Type			
ST 4000/L CB M10/4		100	1809280000
ST 4000/L C160		50	1809240000
width [mm]			
ST 4000/L P180		10 50	1809200000
width [mm]			
ST 4000/L E180		10 50	1809220000
ST 4000/L S180		50	1809480000

ST 4000/L M12

240 mm²

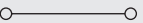
Screw thread M12



55 x 180 x 90

415 / 240

10 ... 240



IEC	UL	CSA	EN 60079-7
4000			
415			
240			
	30 / 3		
	/ V-0		

EN 50124
10...240
25...240
14...31

Rated voltage when using cable lugs to DIN 46234

Type	Qty.	Order No.
ST 4000/L M12	15	1809170000
ST 4000/L M12 F	15	1809180000

Weidmüller can prepare drawings for a ST 4000 application to customer specification.

Type	Current [A]	Qty.	Order No.
ST 4000/L J2 M12	415	50	1809400000
ST 4000/L J3 M12	415	50	1809410000
ST 4000/L J4 M12	415	25	1809420000
Type			
ST 4000/L CB M12/4		100	1809290000
ST 4000/L CB M12/6		100	1809300000
ST 4000/L C160		50	1809240000
width [mm]			
ST 4000/L P180		10 50	1809200000
width [mm]			
ST 4000/L E180		10 50	1809220000
ST 4000/L S180		50	1809480000

Extra functions

Weidmüller offers the user of W-Series terminals a comprehensive range of accessories, providing optimum solutions to every conceivable task – even outside the range of standard functions.

All Weidmüller accessories are built to the same quality standards as the terminals themselves.

Visual separation –

Side covers

Page E.98

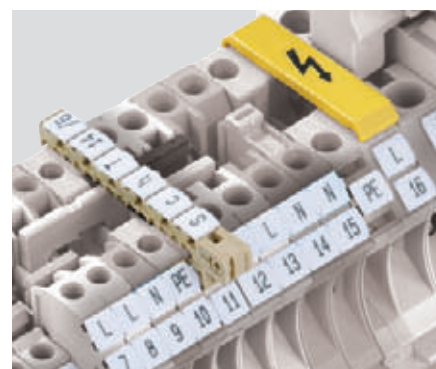


To guarantee “finger-safe” use of terminals, the open sides are covered with end plates and partition plates to prevent any contact with conducting parts.

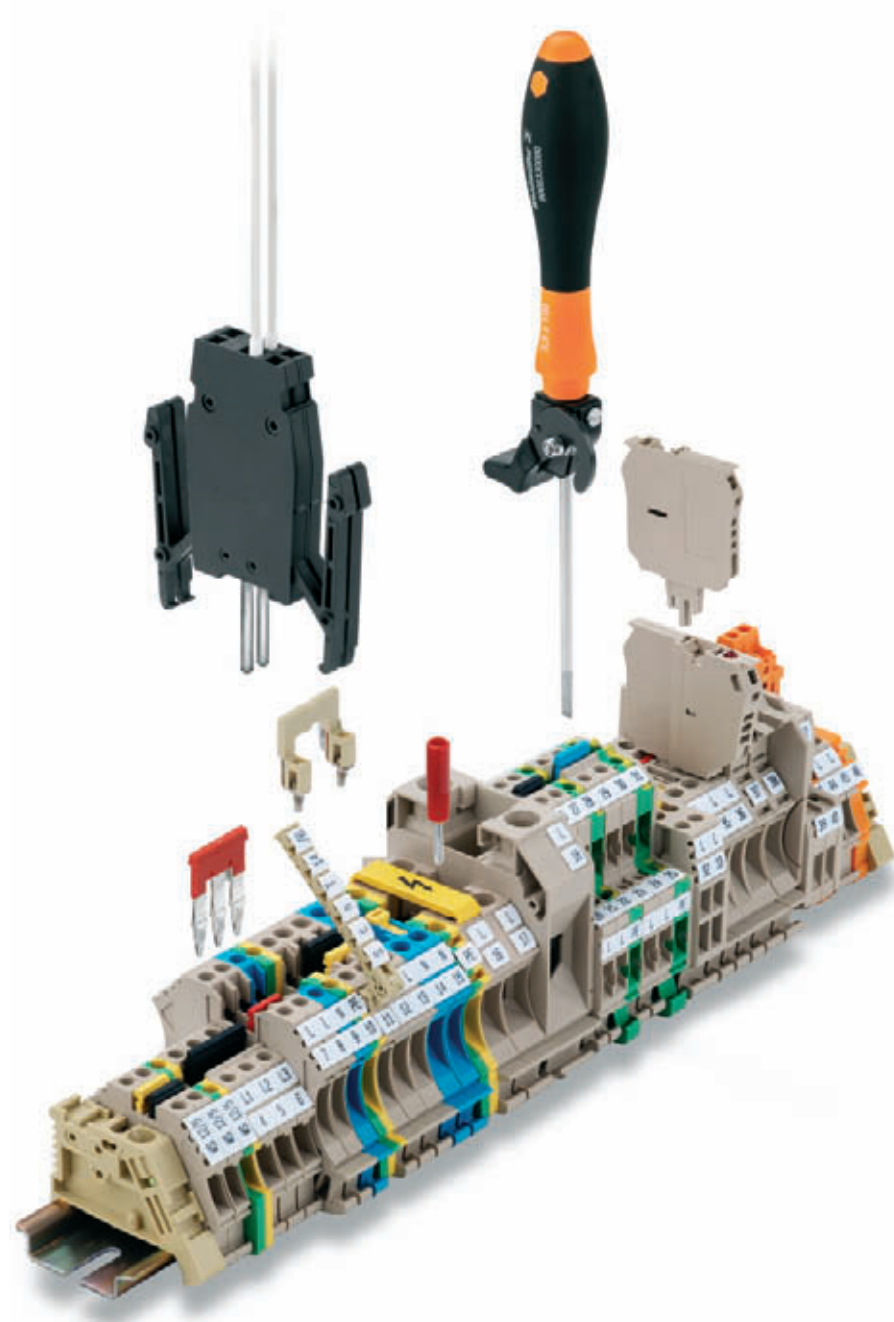
End plates and partition plates also come in different colours so that they can be used for visual separation of different circuits.

Labelling

Page E.116

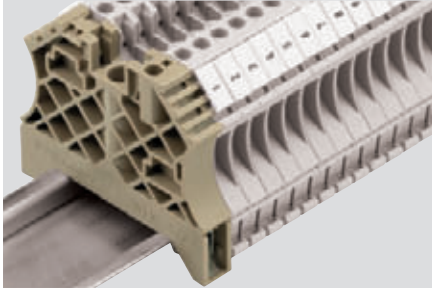


Weidmüller's labelling systems in **chapter F** are used to label screw terminals. Individual clamping points, terminal groups and conductors can be marked. The cover (WAD) can also be used for labelling mains supply points (see **page E.116**).



Fastening

Page F.26



An end bracket is fitted on the terminal rail to the right and left of the terminals to ensure that they sit firmly in position. The marking surface of the end bracket can also be used for group marking. Details of the wide range of Weidmüller end brackets and mounting rails are given in **Chapter F**.

Power supply

Page E.102

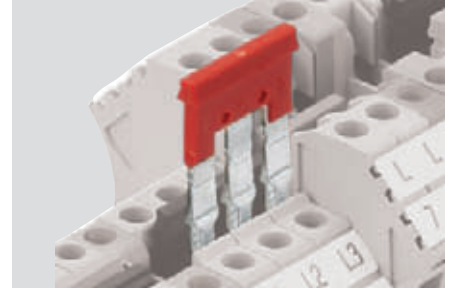


For the W-Series, power is supplied via standard terminals in conjunction with a special cross-connection, which directly connects terminals for larger and smaller cross-sections (the picture shows WDU 35 on WDU 4).

It is possible to form a link to screw-in cross-connections of smaller cross-sections (WQV 2.5/4/6). This extends current distribution to any number of other terminals of the smaller cross-section.

Current distribution

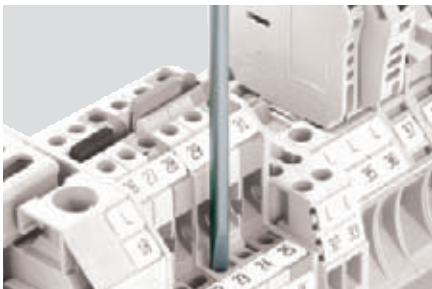
Page E.104



A screw-in and a plug-in cross-connection system is available for Weidmüller screw terminals. The plug-in **cross-connection (ZQV)** for screw terminals is unique. It enables considerable reductions in assembly times. The plug-in cross-connections can be used for nearly all W-Series terminals in the cross-section ranges 2.5 and 4 mm².

Connecting

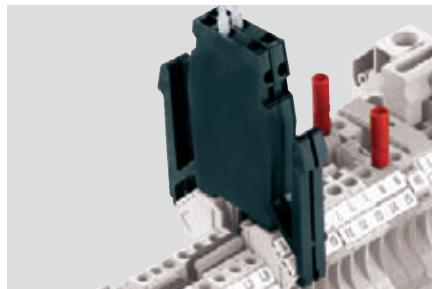
Chapter F



Conductors are connected into Weidmüller terminals using standard screwdrivers, as shown in **chapter F, page F.66**.

Testing

Page E.113



The slot-in test adapter (WTA) is used as both a single unit and a test adapter strip for measurement in control cabinets. The test adapter is ideal for convenient, rational testing of assembled terminals. However, tests with socket and test plug are also always possible (page E.113).

Specific functions / colour variations

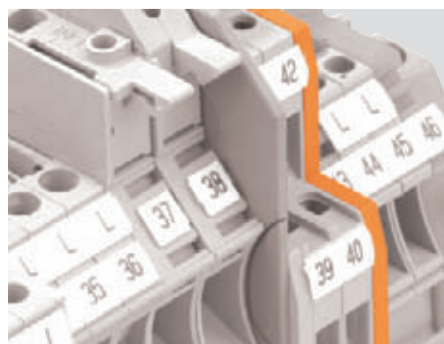
Page E.117



Further helpful accessories are available for terminals using screw clamp technology, such as:

- Pluggable fuse holder (SIHA 1 and SIHA 2)
- Screen plug (LS), short-cir. plug (WDS)
- Extension connectors (WZAD)
- PEN bridges
- Accessories for disconnect test terminals
- Terminals in various colours
- Pre-fitted **terminal blocks**

End plates



Shock protection

With only a few exceptions, the final terminal in a terminal assembly must be covered with an end plate type WAP/AP. End plates are also to be inserted in a terminal assembly with different sized terminals. This guarantees shock protection from conducting parts and ensures that the terminals are “finger-safe” (DIN VDE 0106-100).

Visual separation

Coloured end plates are frequently used for visual separation of power circuits.

Ensure correct operating voltage

End plates can also be used to ensure the necessary creepage and clearances paths are present to make sure that the rated voltage for the application is provided. For example, cross-connections can be set directly next to each other.

Identical contours

The outer dimensions of the end plates correspond to the dimensions of the terminal.

Mounting

The end plate can be simply clipped onto the corresponding terminal.

Recesses in the terminals ensure that contours are identical with correct positioning.

All colours have flammability class UL 94 V0.



Type	Colour	Qty	Order No.	For terminal:		
thickness 1.5 mm						
WAP 2.5-10	dark beige	50	1050000000	WDU 1.5ZZ	WTR 2.5/SI	WPE 1.5ZZ
WAP 2.5-10 BL	blue	50	1050080000	WDU 2.5/1.5/ZR	WTR 4/SI	WPE 2.5/1.5/ZR
WAP 2.5-10 OR	orange	50	1050060000	WDU 2.5	WSI 6...	WPE 2.5
WAP 2.5-10 BR	brown	50	1050070000	WDU 4	WSI 6/2...	WNT 2.5
WAP 2.5-10 GE	yellow	50	1050020000	WDU 6	WDU 2.5 F	WNT 4
WAP 2.5-10 GN	green	50	1072200000	WDU 10	WDU 2.5 FF	WNT 6
WAP 2.5-10 GR	grey	50	1050050000	WTR 2.5	WDU 4 SL	WNT 10
WAP 2.5-10 RT	red	50	1050040000	WTR 2.5 STB	WDU 6 SL	WDU 2.5/TC...
WAP 2.5-10 SW	black	50	1050010000	WTR 2.5 D	WDU 10 SL	WPO 4
WAP 2.5-10 VI	violet	50	1072210000	WTR 4	WTR 4 SL	
WAP 2.5-10 WS	white	50	1050090000	WTR 4 STB	WTR 4 SI SL	
thickness 1.5 mm						
WAP 16-35 WTW 2.5-10	dark beige	20	1050100000	WDU 16		
WAP 16-35 WTW 2.5-10 BL	blue	20	1050180000	WDU 35		
WAP 16-35 WTW 2.5-10 OR	orange	20	1050160000			
WAP 16+35 WTW 2.5-10 GN	green	20	1834050000			
WAP 16+35 WTW 2.5-10 GE	yellow	20	1839840000			
WAP 16+35 WTW 2.5-10 GR	grey	20	1879140000			
thickness 1.5 mm						
WAP WDK 2.5	dark beige	20	1059100000	WDK 2.5	WDK 2.5 PE	WDK 2.5 D...
WAP WDK 2.5 BL	blue	20	1059180000	WDK 2.5 ZQV	WDK 2.5 F	WDK 2.5 LD...
WAP WDK 2.5 GN	green	20	1059140000	WDK 2.5 V	WDK 2.5 FV	
WAP WDK 2.5 GE	yellow	20	1834040000	WDK 2.5 DU-PE	WDK 2.5 FF	
thickness 1.5 mm						
WAP WTR 2.5/ZZ	dark beige	20	1074600000	WTR 2.5/ZZ		
WAP WTR 2.5/ZZ BL	blue	20	1074680000			
thickness 1.5 mm						
WAP WDU/WTR4/ZR	dark beige	50	1905070000	WTR 4/...		
WAP WDU/WTR4/ZZ	dark beige	50	1905150000			
thickness 1.5 mm						
WAP WTR 4N SL	dark beige	20	7924830000	WTR 4N SL		
thickness 1.5 mm						
WAP WDL 2.5/S	dark beige	20	1067700000	WDL 2.5/S...		
thickness 1.5 mm						
WAP WDL 2.5	dark beige	20	1067800000	WDL 2.5...		
thickness 2.5 mm (... ZA = with pivot))						
WAP WDU 1.5/BLZ/ZA	dark beige	50	1577320000	WDU 1.5/BLZ...		
WAP WDU 1.5/BLZ	dark beige	50	1577330000			
thickness 2.5 mm (... ZA = with pivot))						
WAP WDK 2.5/BLZ/ZA	dark beige	20	1070100000	WDK 2.5/BLZ...		
WAP WDK 2.5/BLZ	dark beige	20	1070000000			
thickness 1.5 mm						
AP DLI2.5 DB	dark beige	20	1783550000	DLI 2.5 DB...	DLA 2.5 DB...	
thickness 1.5 mm						
AP DLD2.5 DB	dark beige	20	1784210000	DLD 2.5 DB		
thickness 1.5 mm						
WAP WTL 6.1	dark beige	20	1068300000	WTL 6.1...	WTQ 6.1...	
thickness 2.0 mm						
ZAP/TW 1	dark beige	50	1608740000	WTL 4...		
ZAP/TW 1 BL	blue	50	1608750000			
ZAP/TW 1 OR	orange	50	1608760000			
thickness 1.5 mm						
WAP WDU 1.5/R3.5	dark beige	20	1754190000	WDU 1.5/ R3.5	WPE 1.5/ R3.5	
thickness 1.5 mm						
WAP WDK 1.5/R3.5	dark beige	20	1754200000	WDK 1.5/ R3.5		
thickness 1.5 mm						
AP AKZ1.5	beige PA	50	0340560000	AKZ 1.5		
AP AKZ1.5 BL	blue PA	50	0340580000			
thickness 2.5 mm						
AP AKZ2.5	beige PA	50	0697360000	AKZ 2.5		
AP AKZ2.5 BL	blue PA	50	0697380000			
thickness 1.5 mm						
AP AKZ4	beige PA	50	0294460000	AKZ 4		
AP AKZ4 BL	blue PA	50	0294480000			

End plates

Type	Colour	Qty	Order No.	For terminals:
thickness 1.5 mm				
WAP WDU 2.5N/4N	dark beige	50	1060000000	WDU 2.5N
WAP WDU 2.5N/4N BL	blue	50	1060080000	WDU 4N
WAP WDU 2.5N/4N YE	yellow	50	1060090000	
WAP WDU 2.5N/4N OR	orange	50	1060060000	
WAP WDU 2.5N/600V UL YE	yellow	50	1833970000	
thickness 1.5 mm				
WAP WDK 2.5/4N	dark beige	20	1084000000	WDK 2.5/4N
WAP WDK 2.5/4N BL	blue	20	1084080000	
thickness 1.5 mm				
WAP WDU 10N/600V UL	dark beige	20	1833980000	WDU 10N/600V UL
WAP WDU 10N/600V UL BL	blue	20	1833990000	
WAP WDU 10N/600V UL YE	yellow	20	1834000000	
thickness 1.5 mm				
WAP WDU 35N/600V UL	dark beige	20	1834010000	WDU 35N/600V UL
WAP WDU 35N/600V UL BL	blue	20	1834020000	
WAP WDU 35N/600V UL YE	yellow	20	1834030000	
thickness 1.5 mm				
WAP WTL 6/3	dark beige	20	1879910000	WTL 6/3
thickness 1.5 mm				
WAP WTL 6 SL	dark beige	20	9538110000	WTL 6 SL
WAP WTL 6 SL SW	black	20	9538060000	
thickness 1.5 mm				
WAP WTL 4/2	dark beige	50	1881640000	WTL 4/2
thickness 1.5 mm				
WAP WTL 6/4 FF	dark beige	20	1887240000	WTL 6/4 FF
thickness 1.5 mm				
WAP WSI 4/2	dark beige	50	1880450000	WSI 4/2
thickness 1.5 mm				
AP VLI 1.5 DB	dark beige	20	1784150000	VLI 1.5
AP VLI 1.5/PE DB	dark beige	20	1784160000	
thickness 1.5 mm				
AP MAK 2.5	dark beige	20	1615280000	MAK 2.5
AP MAK 2.5 DB	dark beige	20	7917000000	
thickness 1.5 mm				
WAP WFF35	dark beige	20	1069700000	WFF...
WAP WFF70	dark beige	20	1069800000	
WAP WFF120	dark beige	20	1073000000	

Partition plates



Guaranteed operating voltage

The main function of the partition plates is to preserve the necessary creepage and air clearances, depending on the operating voltage, for example in applications with increased protection (ATEX) or neighbouring cross-connection groups. This is why the partition plates are much larger than the corresponding terminals.

Visual separation

The partition plates can be used for very clear visual separation of circuits on one terminal strip.

Dimensions

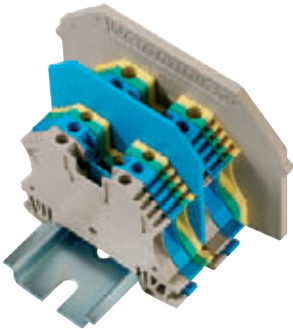
WAP 16+35 WTW 2.5-10

Length 60 mm
Height with TS 35 x 7.5 63 mm

WTW EN

Length 86 mm
Height with TS 35 x 7.5 63 mm

Type	Colour	Qty	Order No.	For terminals:
thickness 1.5 mm				
WAP 16+35 WTW 2.5-10	dark beige	20	1050100000	WDU 1.5/ZZ
WAP 16+35 WTW 2.5-10 BL	blue	20	1050180000	WDU 2.5/1.5/ZR
WAP 16+35 WTW 2.5-10 OR	orange	20	1050160000	WDU 2.5 - 35
				WDU 2.5 F...
				WDU 2.5/TC
				WDU 4 SL - 10 SL
				WPE 2.5 - 35
				WNT 2.5-10
				WTR 2.5...
				WTR 4...
				WSI 6...
				WPO 4
thickness 3.0 mm				
WTW EN	dark beige	20	1058800000	WDK 2.5...
				WDK 2.5 F...
				WDK 2.5N...
				WDK 4N...



Several German safety regulations, e.g. VBG 4 and VDE 0106 part 100, call for the active parts of electrical equipment to be protected against direct contact.

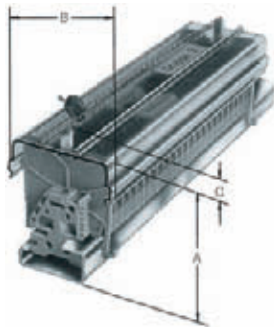
For this purpose, Weidmüller can supply cover strips and associated retaining plates which can be used for the common sizes of terminal. Retaining plates are fitted at the ends of a terminal strip but can also be inserted between terminals. They are suitable for mounting on TS 32, TS 35 or TS 15 terminal rails.

Spacing of retaining plates:

The distance between the retaining plates for the ADP 1, 2 and 3 cover strips should not exceed about 300 mm.

The cover strip is clipped into lugs at the sides, but can also be fixed to spigots on the retaining plates which can be provided with a lead seal.

The cover strips are transparent so that terminals with accessories and markings can be identified at any time. Additional markings, e.g. groups, can be attached to the cover strips.



ADP

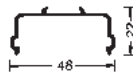
Cover strips



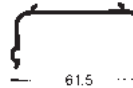
Material: unplasticised PVC
Supplied in 1 m lengths
Temperature limit: max. 70°C

transparent

Type	Order No.
ADP 1	0485200000



ADP 2	0485300000
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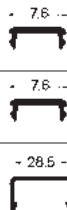


ADP 3	0485400000
-------	------------



grey

Type	Order No.
ADP 4 (1000 mm)	1430760000
ADP 4 (300 mm)	1378160000
TSK 31.5	0347960000



HP

Retaining plates



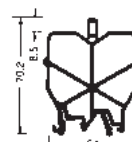
Material: PA 66
Thickness: 2 mm

For mounting on TS 35 / TS 32, with spigot for lead seal

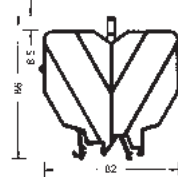
Type	Order No.
HP 1	0485560000



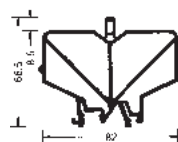
HP 2	0485660000
------	------------



HP 3	0485760000
------	------------



HP 4	0485860000
------	------------



For mounting on TS 15

Type	Order No.
HP 7	0258260000



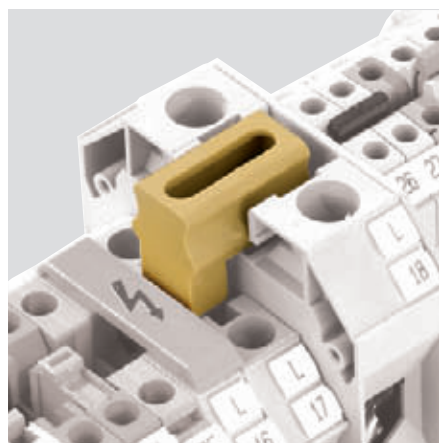
HP 8	0258360000
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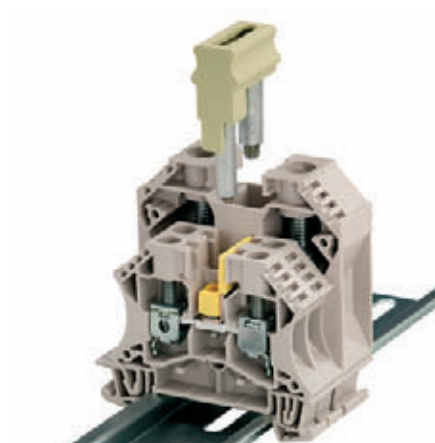
Covers

Overall dimensions	A	A	A	A	B	C
for mounting on terminal rails	TS 32	TS 35 x 7.5	TS 35 x 15	TS 15		
ADP 1, HP 1	61	56	63		49	6
ADP 2, HP 2	77	72	79		62.5	6
ADP 3, HP 3	94	89	86		92	6
ADP 3, HP 4	73.5	68.5	75.5		92	6
ADP 1, HP 8				45	49	6
TSK 31.5, HP 7				35	31	6
Marking materials					Qty	Order No.
Card with warning "lightning flash", self adhesive					5	0566700000
20 pcs. per card						

Potential supply with cross-section reduction



Mounting



Feed-through terminals such as WDU 35 or WDU 16 are responsible for power supply in the W-Series. The current is routed by the cross-connections shown to terminals of a smaller cross-section (cross-section reduction).

After cross-section reduction, the supply can then be distributed on to any number of terminals of this same cross-section, using standard cross-connectors.

Function

- Larger conductor cross-section can be used for power supply
- Central current supply and distribution to any number of circuits

First, prepare the **standard cross-connection** that is to distribute the current to other terminals of smaller conductor cross-section. To do so, break off the plastic screwdriver guide at the first pole of the cross-connection by bending it back and forth at the intended break-off point, and remove the fixing screw. Then place the cross-connection in the middle of the terminal.

Now insert the **cross-connection for cross-section reduction** so that there is an overlap of the live parts of the first terminal of the smaller cross-section. Fasten with the screws in the cross-section reduction.

Important! The “QL” cross-section reductions are not finger-safe. This can be easily remedied by using the WAD covers for the corresponding terminals.

Potential supply with cross-section reduction

Power supply via

WDU 35

Output terminal	WDU 2.5	WDU 4 / WDU 6	WDU 10	WDU 16
				
Technical data	to WDU 35	to WDU 35	to WDU 35	to WDU 35
Continuous current 2-pole	41	41	57	76
Thread size	M 4	M 4	M 4	M 4
Tightening torque	1.2 ... 1.8	1.2 ... 1.8	1.2 ... 1.8	1.2 ... 1.8
Ordering data	to WDU 2.5	to WDU 4 / 6	to WDU 10	to WDU 16
Type	WQV 35-2.5	WQV 35-4/6	WQV 35-10	WQV 16/2
Qty	10	10	10	50
Order No.	1064100000	1064200000	1068000000	1053260000

Power supply via

WDU 16

WDU 10

Output terminal	WDU 2.5	WDU 4 / WDU 6	WDU 2.5	WDU 4
				
Technical data	to WDU 16	to WDU 16	to WDU 10	to WDU 10
Continuous current 2-pole	41	41	24	32
Thread size	M 4	M 4	M 3	M 3
Tightening torque	1.2 ... 1.8	1.2 ... 1.8	0.5 ... 0.8	0.5 ... 0.8
Ordering data	to WDU 2.5	to WDU 4 / 6	to WDU 2.5	to WDU 4
Type	WQV 16-2.5	WQV 16-4/6	QL 10-2.5	QL 10-4
Qty	10	10	10	10
Order No.	1063900000	1064000000	1859620000	1859610000
			not finger-safe	not finger-safe

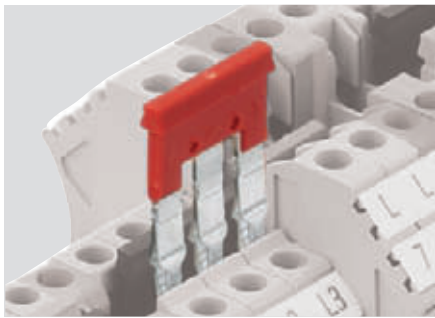
Power supply via

WDU 16N

WDU 6

Output terminal	WDU 2.5	WDU 4 / WDU 6	WDU 2.5
			
Technical data	to WDU 16	to WDU 16N	to WDU 6
Continuous current 2-pole	24	41	24
Thread size	M 3	M 3	M 3
Tightening torque	0.5 ... 0.8	0.5 ... 0.8	0.5 ... 0.8
Ordering data	to WDU 2.5	to WDU 4 / 6	to WDU 2.5
Type	WQV 16N-2.5	WQV 16N-4/6	QL 6-2.5
Qty	10	10	10
Order No.	1073100000	1072500000	1859600000
			not finger-safe

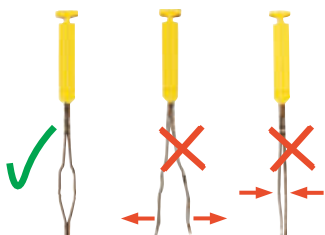
ZQV plug-in cross-connection



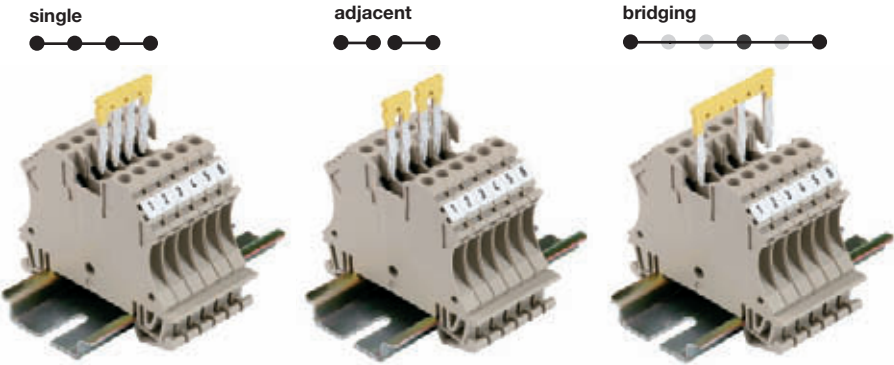
Weidmüller are the leading manufacturer of plug-in cross connection systems for screw clamp terminals. The plug-in cross-connections stand out with their easy handling and quick assembly, resulting in considerable time savings compared to screwed assembly solutions. This also ensures that all poles remain securely in contact.

Assembly / Technical information

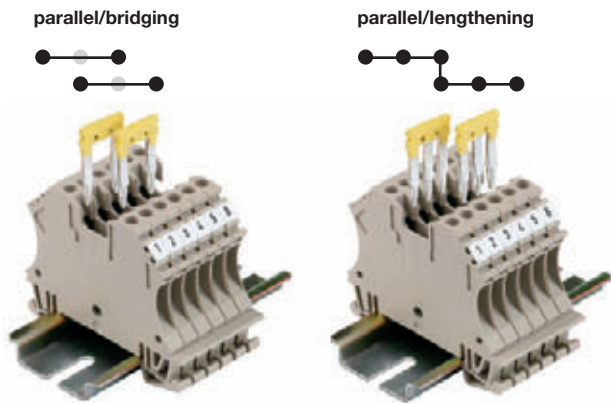
- The ZQV is pressed into the cross-connection channel by hand.
- **Important!** Ensure that the ZQV is pressed right in. The cross-connection must not protrude out of the cross-connection channel.
- To replace or remove, simply lever out with a screwdriver.
- Finger-safe to VDE 0160 part 100 (VGB4)
- Reduced rated voltage 400 V
- Different colours can be used to mark different potential
- **Important!** The contact elements must not be deformed



In one cross-connection channel



In two cross-connection channels



Possible cross-connections of terminals of the same type with corresponding cross-connectors

Terminal type	Cross-connector	single	adjacent	bridging-	parallel/ bridging	parallel/ lengthening
Standard						
WDU 1.5/ R3.5	ZQV 1.5/ R3.5	•	•	•		
WDK 1.5/ R3.5	ZQV 1.5/ R3.5	•	•	•		
WDU 2.5/1.5/ZR	ZQV 2.5N	•	•	•	•	•
WDU 2.5	ZQV 2.5N	•	•	•	•	•
WDK 2.5 ZQV	ZQV 2.5N	•	•	•		
WTR 2.5/ZZ	ZQV 2.5	•	•	•		
WDU 4	ZQV 4N	•	•	•	•	•
WTR 4...	ZQV 4N	•	•	•		
WDU/PE/4ZZ/ZR	ZQV 4N	•	•	•	•	•
WTR 4/ZZ/ZR	ZQV 4N	•	•	•		
Compact						
WDU 2.5N ZQV	ZQV 2.5N	•	•	•	•	•
WDK 2.5N...	ZQV 2.5N	•	•	•		
WDK 2.5N PE	ZQV 2.5N	•	•	•		
WDU 4N	ZQV 4N	•	•	•	•	•
WDK 4N...	ZQV 4N	•	•	•		
WDK 4N PE	ZQV 4N	•	•	•		

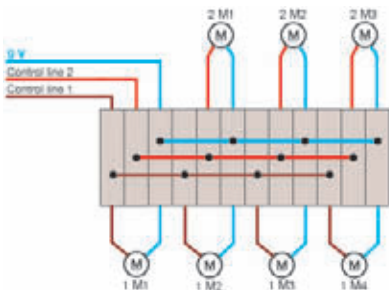
ZQV 2.5N

**Continuous cross-connection**

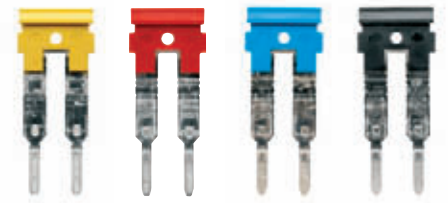
ZQV 2.5N/20 (20-pole) and ZQV 4N/20 (20-pole) are ideal for shortening (e.g. with tool KT ZQV – 9002170000) to produce customised configurations with the required number of poles. More than 20 poles in a row are not recommended because of the resulting tolerances in the terminals.

**Special features of****WDU 2.5, WDU 4 and 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 400V
- The middle cross-connection hole can be used for either ZQV or WQV

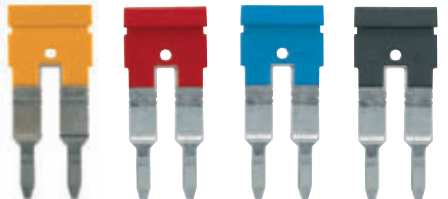


Important! For shortened ZQV located adjacent to each other (with bare cut edges), end plates or partition plates are necessary for rated voltage of 250 V.



No. of poles	Type	I [A]	Qty	Order No. yellow	Order No. red	Order No. blue	Order No. black
2	ZQV 2.5N/2	24	60	1693800000	1717900000	1717990000	1718080000
3	ZQV 2.5N/3	24	60	1693810000	1717910000	1718000000	1718090000
4	ZQV 2.5N/4	24	60	1693820000	1717920000	1718010000	1718100000
5	ZQV 2.5N/5	24	20	1693830000	1717930000	1718020000	1718110000
6	ZQV 2.5N/6	24	20	1693840000	1717940000	1718030000	1718120000
7	ZQV 2.5N/7	24	20	1693850000	1717950000	1718040000	1718130000
8	ZQV 2.5N/8	24	20	1693860000	1717960000	1718050000	1718140000
9	ZQV 2.5N/9	24	20	1693870000	1717970000	1718060000	1718150000
10	ZQV 2.5N/10	24	20	1693880000	1717980000	1718070000	1718160000
20	ZQV 2.5N/20	24	20	1909000000	1909110000	1909140000	1909130000
For standard terminal				For compact terminal			
WDU 2.5/1.5 ZR				WDU 2.5N			
WDU 2.5				WDK 2.5N			
WDK 2.5/ ZQV				WDK 2.5N V			
WDU 1.5 BLZ 5.08/ ZQV				WDK 2.5N DU-PE			

ZQV 4N



No. of poles	Type	I [A]	Qty	Order No. yellow	Order No. red	Order No. blue	Order No. black
2	ZQV 4N/2	32	60	1758250000	1793950000	1793960000	1793970000
3	ZQV 4N/3	32	60	1762630000	1793980000	1793990000	1794000000
4	ZQV 4N/4	32	60	1762620000	1794010000	1794020000	1794030000
5							
6							
7							
8							
9							
10	ZQV 4N/10	32	20	1758260000	1794040000	1794050000	1794060000
20	ZQV 4N/20	32	20	1909020000	1909150000	1909100000	1909120000
For standard terminal				For compact terminal			
WDU 4				WDU 4N			
WTR 4				WDK 4N			
WTR 4 SI				WDK 4N V			
WTR 4 SL				WDK 4N DU-PE			
WTR 4/ZZ+ZR							
WDU/PE4/ZZ+ZR							

WQV screw-in cross-connection



When used together with W-Series terminals, WQV insulated cross-connection units guarantee absolute safety for finger and back-hand in accordance with the accident prevention regulation “Electrical systems and equipment” (VGB4). It is very easy to produce individual configurations thanks to the many different options offered by the WQV cross-connection system, by breaking out individual segments, creating any required number of poles or routing two potentials in parallel, etc.

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.

Any number of poles (extending)

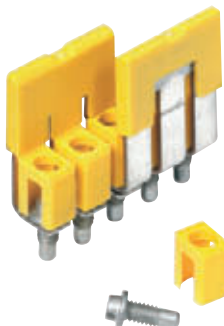
Pre-fitted cross-connections can be set one after the other to produce any required number of poles.

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.



- 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.

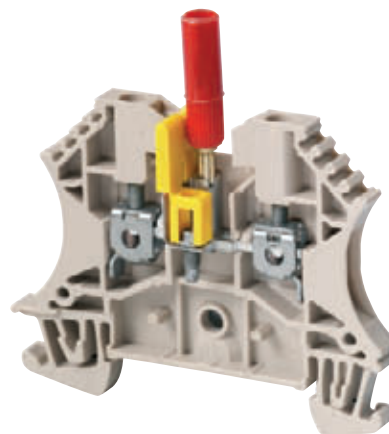


Routing 2 potentials in parallel

- In spite of only having 1 channel, the WQV cross-connection system can still be used for offset cross-connections. See the photo “parallel bridging” (page E.107).

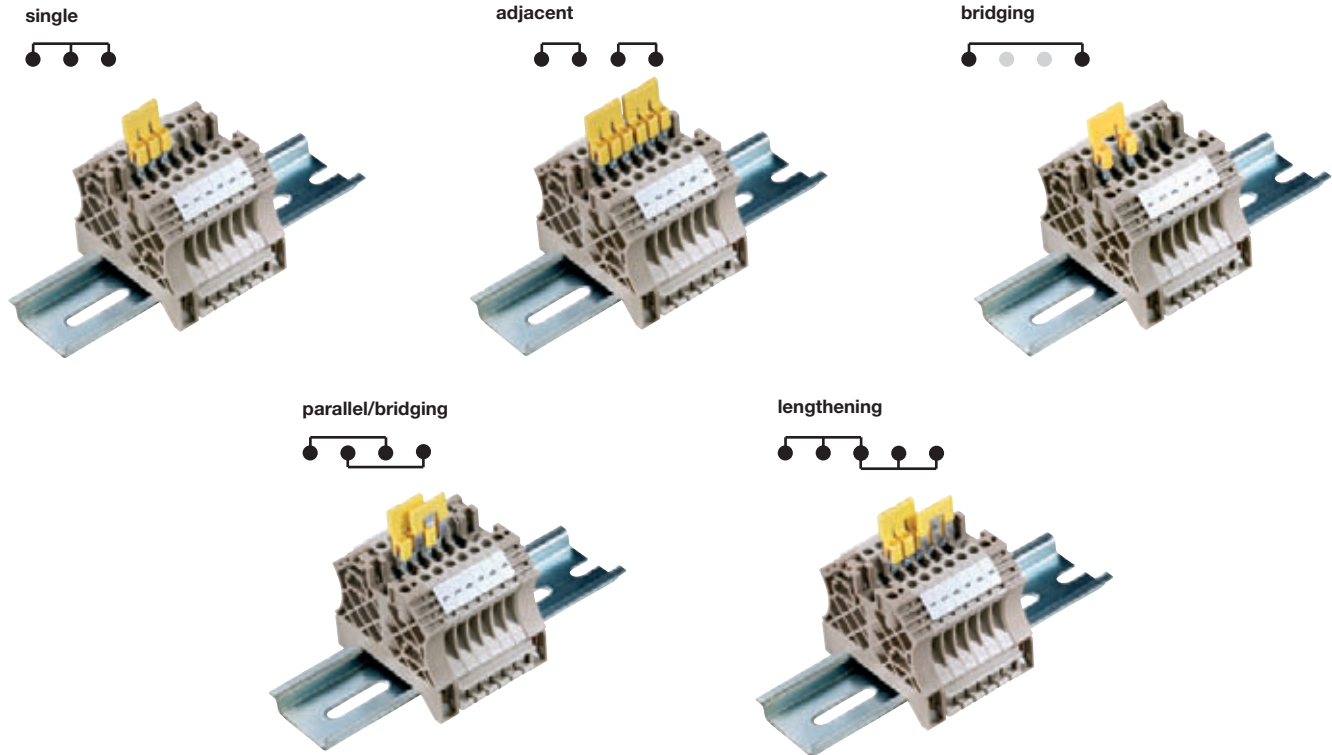
WQV in combination with a socket contact and test plug

- 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.



Potential distribution – possible combinations

In one cross-connection channel



Possible cross-connections of terminals of the same type with appropriate cross-connectors

Terminal type	Cross-connection	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	•	•			

Accessories – Potential distribution

WQV 2.5



Technical data		
Continuous current 2-pole/multi-pole	A	
Thread size		
Tightening torque	Nm	
Ordering data		
2-pole		
3-pole		
4-pole		
5-pole		
6-pole		
7-pole		
8-pole		
9-pole		
10-pole		
15-pole		
32-pole		

32 / 32		
M 2.5		
0.4 ... 0.7		
Type	Qty	Order No.
WQV 2.5/2	50	1053660000
WQV 2.5/3	50	1053760000
WQV 2.5/4	50	1053860000
WQV 2.5/5	10	1053960000
WQV 2.5/6	10	1054060000
WQV 2.5/7	10	1054160000
WQV 2.5/8	10	1054260000
WQV 2.5/9	10	1054360000
WQV 2.5/10	20	1054460000
WQV 2.5/15	10	1059660000
WQV 2.5/32	10	1577600000
For terminal		
WDU 1.5 ZZ	WDK 2.5	
WDU 1.5 BLZ	WDK 2.5 V	
WDU 2.5/1.5 ZR	WDK 2.5 DU-PE	
WDU 2.5	WDK 2.5 F	
WDU 2.5 F		

WQV 4



41 / 41		
M 3		
0.5 ... 0.8		
Type	Qty	Order No.
WQV 4/2	50	1051960000
WQV 4/3	50	1054560000
WQV 4/4	50	1054660000
WQV 4/5	10	1057860000
WQV 4/6	10	1057160000
WQV 4/7	10	1057260000
WQV 4/8	10	1057960000
WQV 4/9	10	1058060000
WQV 4/10	20	1758260000
WQV 4/15	10	1057460000
For terminal		
WDU 4		
WDU 4 SL		

WQV 6



57 / 57		
M 3		
0.5 ... 0.8		
Type	Qty	Order No.
WQV 6/2	50	1052360000
WQV 6/3	50	1054760000
WQV 6/4	50	1054860000
WQV 6/5	50	1062660000
WQV 6/6	50	1062670000
WQV 6/7	50	1062680000
WQV 6/10	20	1052260000
For terminal		
WDU 6		
WDU 6 SL		

WQV 35N



Technical data		
Continuous current 2-pole/multi-pole	A	
Thread size		
Tightening torque	Nm	
Ordering data		
2-pole		
3-pole		
4-pole		
5-pole		
6-pole		
7-pole		
8-pole		
9-pole		
10-pole		
15-pole		
32-pole		

115 / 100		
M 4		
1.2 ... 1.8		
Type	Qty	Order No.
WQV 35N/2	50	1079200000
WQV 35N/3	50	1079300000
WQV 35N/4	50	1079400000
For terminal		
WDU 35N		

WQV 50N

(finger-safe with cover WAD)



150 / 150		
M 6		
2.5 ... 4.5		
Type	Qty	Order No.
WQV 50N/2	10	1834060000
WQV 50N/3	10	1834070000
WQV 50N/4	10	1834080000
For terminal		
WDU 50N		

WQV 70N

(finger-safe with cover WAD)



192 / 192		
M 6		
2.5 ... 4.5		
Type	Qty	Order No.
WQV 70N/2	5	9512240000
WQV 70N/3	5	9512250000
WQV 70N/4	5	9531290000
For terminal		
WDU 70N		

WQV 10

76 / 63		
M 3		
0.5 ... 0.8		
Type	Qty	Order No.
WQV 10/2	50	1052560000
WQV 10/3	50	1054960000
WQV 10/4	50	1055060000
WQV 10/10	20	1052460000
For terminal		
WDU 10		
WDU 10 SL		
WDU 10 ZR		

WQV 16

101 / 76		
M 4		
1.2 ... 1.8		
Type	Qty	Order No.
WQV 16/2	50	1053260000
WQV 16/3	50	1055160000
WQV 16/4	50	1055260000
WQV 16/10	10	1053360000
For terminal		
WDU 16		

WQV 16N

76 / 57		
M 4		
1.2 ... 1.8		
Type	Qty	Order No.
WQV 16N/2	50	1636560000
WQV 16N/3	50	1636570000
WQV 16N/4	50	1636580000
For terminal		
WDU 16N		

WQV 35

138 / 112		
M 4		
1.2 ... 1.8		
Type	Qty	Order No.
WQV 35/2	50	1053060000
WQV 35/3	50	1053360000
WQV 35/4	50	1055460000
For terminal		
WDU 35		

WQV 70

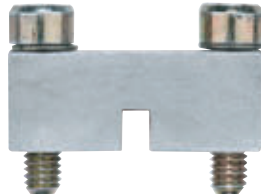
(finger-safe with cover WAD)



232 / 232		
M 5		
2.0 ... 4.0		
Type	Qty	Order No.
WQV 70/2	5	1063500000
WQV 70/3	5	1063600000
For terminal		
WDU 70/95		

WQV 95N/120N

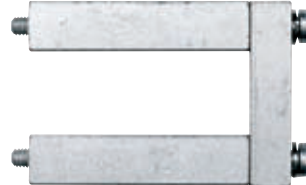
(finger-safe with cover WAD)



269 / 269		
M 6		
3.0 ... 4.5		
Type	Qty	Order No.
WQV 95N/120N/2	5	1826890000
WQV 95N/120N/3	5	1826900000
For terminal		
WDU 95N/120N		

WQV 120

(finger-safe with cover WAD)



292 / 292		
M 5		
2.0 ... 4.0		
Type	Qty	Order No.
WQV 120/2	5	1063300000
WQV 120/3	5	1063400000
For terminal		
WDU 120/150		

Accessories – Potential distribution

Q screw-in cross-connections

With this cross-connection, the cross-connection lugs, sleeves and fixing screws are pre-fitted. All individual parts are also available separately on request. Cross-connections pre-fitted in this way are simply placed in the cross-connection channel in the middle of the terminal and screwed tight. Any required number of poles is possible by combining two cross-connections. For example, a 20-pole cross-connection is made up by connecting two 10-pole cross-connections with the cross-connection lug of a 2-pole cross-connection.

Technical data		
Continuous current 2-pole/multi-pole	A	
Thread size		
Tightening torque	Nm	
Ordering data		
	2-polig	
	3-polig	
	4-polig	
	10-polig	
For terminal		
WDK 2.5 / 800 V		

Q ... AKZ 4SS



Technical data		
Continuous current 2-pole/multi-pole	A	
Thread size		
Tightening torque	Nm	
Ordering data		
Type	Qty	Order No.
Q...2 AKZ 4SS		0369000000
Q...3 AKZ 4SS		0369100000
Q...4 AKZ 4SS		0369200000
Q...10 AKZ 4SS		0369300000
For terminal		
WDK 2.5 / 800 V		

Q ... DLI 2.5



Technical data		
Continuous current 2-pole/multi-pole	A	
Thread size		
Tightening torque	Nm	
Ordering data		
Type	Qty	Order No.
Q...2 DLI 2.5		1312500000
Q...3 DLI 2.5		1312600000
Q...4 DLI 2.5		1312700000
Q...10 DLI 2.5		1313100000
For terminal		
DLI 2.5		
DLA 2.5		
DLD 2.5		

Q ... AKZ 1.5



Technical data		
Continuous current 2-pole/multi-pole	A	
Thread size		
Tightening torque	Nm	
Ordering data		
	2-pole	
	3-pole	
	4-pole	
	10-pole	
For terminal		
AKZ 1.5		
AKZ 2.5		

Q ... AKZ 4



Technical data		
Continuous current 2-pole/multi-pole	A	
Thread size		
Tightening torque	Nm	
Ordering data		
Type	Qty	Order No.
Q...2 AKZ 4	50	0336400000
Q...3 AKZ 4	50	0336500000
Q...4 AKZ 4	50	0336600000
Q...10 AKZ 4	20	0338600000
For terminal		
AKZ 4		

Q ... WDL 2.5 / S



Technical data		
Continuous current 2-pole/multi-pole	A	
Thread size		
Tightening torque	Nm	
Ordering data		
Type	Qty	Order No.
Q...2 WDL 2.5 / S	50	1071500000
Q...3 WDL 2.5 / S	50	1071600000
Q...4 WDL 2.5 / S	50	1071700000
Q...10 WDL 2.5 / S	10	1071800000
For terminal		
WDL 2.5 / S... (with 10 x 3 busbar)		
WDL 2.5 (with disconnector, external side)		

Accessories for stud terminals

Potential distribution

The power distribution between neighbouring stud terminals can be achieved simply with the use of 2- and 3-pole cross-connections (see the section under stud terminals).

However, a cross-section reduction is required in special cases. These so-called cross-connection lugs are available for thread sizes from M6 to M10 and can be combined as required. This is helpful for power supplies and power distribution, for example.

WQL

Special cross-connection lugs

WQL 2 WF 6–10



WQL 3 WF 6–10/2



WQL 2 WF 6/8



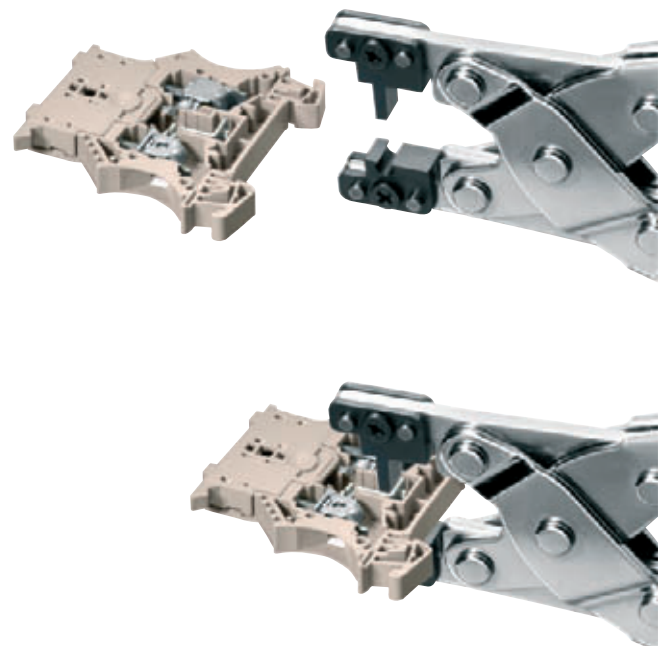
Type	Current [A]	Qty	Order No.	Primary stud connection [M...]	Neighbouring stud connection [M...]
WQL 2 WF 6–10 t = 4 mm	125	5	1806620000	WF 6 = 1 pole M 6	1 x WF 10 = 1 pole M 10
WQL 3 WF 6–10/2 t = 4 mm	125	5	1806640000	WF 6 = 1 pole M 6	2 x WF 10 = 2 pole M 10
WQL 2 WF 6/8 t = 4 mm	125	5	1808980000	WF 6 = 1 pole M 6	1 x WF 8 = 1 pole M 8
WQL 4 WF 8–6/3 t = 4 mm	125	5	1904960000	WF 8 = 1 pole M 8	3 x WF 6 = 3 poles M 6

Cross-connection with disconnect terminal Fuse terminal WSI 6

Installation

Screw the cross-connection lugs directly to the current bar. To do this, push out the pre-punched side window of the terminal carrier with the help of tool WAW 2 (order No. 9004510000) and clip the terminal in place. Now open the fuse holder and insert the fixing screw. Slip the cross-connection lug in through the punched opening in the side of the terminal carrier and secure it with the fixing screw.

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



External cross-connection bridges

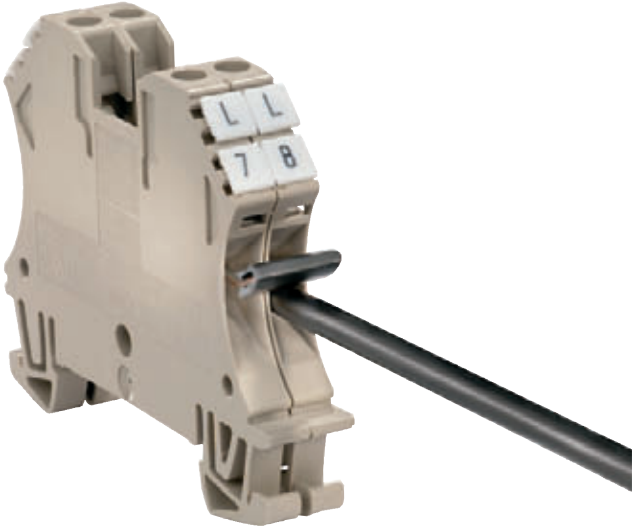
Function

External cross-connection bridges allow for current to be bridged in terminals without a cross-connection channel in the middle or when two potentials are to be routed in parallel.

Assembly

These bridges are positioned over the conductor in the clamping point and connected. Individual contacts can be separated off by hand when you wish to skip a clamping point.

Important! Use of these parts reduces the nominal cross-section of the connected conductor to the next smallest size for the terminal in question.



QL ... for WSI 6

Pitch 6.3 mm



WQB A / ...

Pitch 5.1 mm



WQB B / ...

Pitch 5.1 mm



Technical data

Continuous current 2-pole/multi-pole A
Fork length

24 / 24
12 mm

24 / 24
12 mm

24 / 24
16 mm

Ordering data

2-pole
3-pole
4-pole
10-pole
24-pole
Fixing screw
Releasing tool

Type	Qty	Order No.
QL 2	100	0194300000
QL 3	100	0194400000
QL 4	50	0194500000
QL 10	20	0338300000
BS-M 3 x 5	100	1052100000
WAW 2	1	9004510000
For terminal		
WSI 6...		

Type	Qty	Order No.
WQB A / 2	50	1578950000
WQB A / 3	50	1578960000
WQB A / 4	50	1578970000
WQB A / 10	50	1578990000
WQB A / 24	50	1579000000
For terminal		
WDK 2.5		

Type	Qty	Order No.
WQB B / 2	50	1579010000
WQB B / 3	50	1579020000
WQB B / 4	50	1579030000
WQB B / 10	50	1579050000
WQB B / 24	50	1579060000
For terminal		
WDU 1.5 / ZZ (lower connection level)		
WDU 2...5		
WDU 2.5 / 1.5 / ZR (lower connection level)		
WTR 2.5		

Testing in terminals

PS

Test plug



Test plugs (PS) are used for measurements or final testing of ready wired terminal strips. Test plugs are available for socket contacts with an internal diameter of 2.3 mm or 4 mm. The difference to the test adapter is that the test plug does not slot into the terminal. This means that reliable plugging into feed-through terminals up to 35 mm² is only possible with a socket.

Special feature for large cross-sections

WDU 70N, WDU 95N/120N, WDU 70/95, WDU 120/150

In these terminals, test plug PS 4 can be plugged into the head of the clamping screw for measurements.

Ordering data

Test plug	Qty	Order No.
2.3 mm diameter / rated current 17.5 A		
PS 2.3	20	0180400000
4.0 mm diameter / rated current 24 A		
PS 4	20	0299600000

StB

Socket



The StB socket is used for fitting the PS test plug. The sockets are screwed into the busbar in the cross-connection channel in the middle of the terminal. WTR disconnect terminals are available with pre-fitted sockets (see W-Series disconnect terminals). The sockets are equipped with a slot for the screwdriver. A special screwdriver blade guarantees that the sockets are securely tightened (see catalogue 6, chapter F).

Combining with WQV

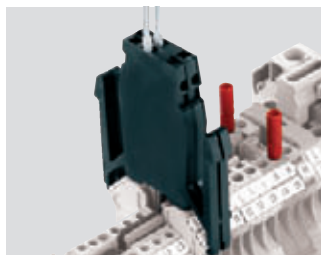
The socket can be used in combination with the WQV screw-in cross-connection. For this purpose, the insulating part of the screw and the fixing screw have to be removed at the corresponding pole in the WQV. The socket can then be screwed in.

Ordering data

Socket	For test plug	Qty	Order No.	For standard terminal	For compact terminal
Thread M 2.5 / Length 11.5 mm					
StB 8.5	PS 2.3	50	0215700000	WDU 1.5/ZZ WDU 2.5/1.5/ZR WDU 2.5 WDK 2.5...	WDU 2.5N (WQV) WDU 2.5N 600V UL
Thread M 3 / Length 12 mm					
StB 8.5	PS 2.3	50	0280600000	WDU 4 WDU 6 WDU 10 WDU 10/ZR	
Thread M 3 / Length 19 mm					
StB 14	PS 4	50	0169900000	WDU 10 WDU 10ZR	WDU 16N
Thread M 4 / Length 23 mm					
StB 16	PS 4	50	0140200000	WDU 16	WDU 35N
Thread M 3 / Length 23 mm (finger-safe)					
StB 21.6	PS 4	50	1071000000	WDU 4 WDU 10	WDU 6

Accessories – Testing

Test adapter



The WTA slot test adapter is used as both a single unit and a test adapter strip for measurements in control cabinets.

Conductors with cross-sectional areas ranging from 0.5 mm² to 1.5 mm² can be clamped. The test adapter is simply slotted into the terminal, creating secure contact with the current carrying busbar. This connection is released again simply by pressing the release button.

Tightening torque for all test adapters WTA 0.4...0.6 Nm (M 2.5)

Dimensions	
Height (with TS 35 x 7.5)	mm
Length	mm
Width	mm
Stripping length	mm
Rated voltage/current/cross-connection	
to IEC 60 947-7-1	
to UL/CSA	
Clamped conductor	
solid H 07V-U	mm ²
flexible H 07V-K	mm ²
flexible with AEH (DIN 46228/1)	mm ²
Ordering data	
	1-pole
	1-pole with spigot
	10-pole

Marking tags

WTA 1



Dimensions		
	98.2	
	66.1	
	5.0	
	6.0	
Rated voltage/current/cross-connection		
250 V / 6.0 A / 1.5 mm ²		
300 V / 6.0 A / 1.5 mm ²		
Clamped conductor		
	0.5 ... 1.5	
	1.0 ... 1.5	
	0.5 ... 1.5	
Type	Qty	Order No.
WTA 1	25	1632290000
WTA 1/ZA	25	1632300000
WTA 1/10	5	1632310000
For terminal		For terminal
WDU 2.5N		
WDU 4N		

DEK 5

WTA 2



Dimensions		
	107.6	
	66.1	
	5.0	
	6.0	
Rated voltage/current/cross-connection		
250 V / 6 A / 1.5 mm ²		
300 V / 6 A / 1.5 mm ²		
Clamped conductor		
	0.5 ... 1.5	
	1.0 ... 1.5	
	0.5 ... 1.5	
Type	Qty	Order No.
WTA 2	25	1632320000
WTA 2/ZA	25	1632330000
WTA 2/10	5	1632340000
For terminal		For terminal
WDU 1.5 ZZ		WDU 4
WDU 2.5/1.5 ZR		WDU 6
WDU 2.5		WDU 10
WDU 2.5 F		WDU 16

DEK 6

WTA 5



Dimensions	
Height (with TS 35 x 7.5)	mm
Length	mm
Width	mm
Stripping length	mm
Rated voltage/current/cross-connection	
to IEC 60 947-7-1	
to UL/CSA	
Clamped conductor	
solid H 07V-U	mm ²
flexible H 07V-K	mm ²
flexible with AEH (DIN 46228/1)	mm ²
Ordering data	
	1-pole
	1-pole with spigot
	10-pole

Marking tags

Dimensions		
	68.2	
	17.0	
	5.0	
	14	
Rated voltage/current/cross-connection		
250 V / 6.0 A / 0.75 mm ²		
300 V / 6.0 A / 0.75 mm ²		
Clamped conductor		
	0.5 ... 1.0	
	1.0	
	0.5 ... 1.0	
Type	Qty	Order No.
WTA 5	25	1051260000
-	-	-
WTA 5/10	5	1062060000
For terminal		
WDU 2.5		WDU 10
WDU 4		WDU 10 ZR
WDU 6		
DEK 3.5		

WTA 6



Dimensions		
	107.6	
	66.1	
	5.0	
	6.0	
Rated voltage/current/cross-connection		
250 V / 6.0 A / 1.5 mm ²		
300 V / 6.0 A / 1.5 mm ²		
Clamped conductor		
	0.5 ... 1.5	
	1.0... 1.5	
	0.5 ... 1.5	
Type	Qty	Order No.
WTA 6	25	1632380000
WTA 6/ZA	25	1632390000
WTA 6/10	5	1632400000
For terminal		
WTR 2.5		
DEK 6		

WTA 3



107.6
66.1
6.0
6.0

250 V / 6 A / 1.5 mm²
300 V / 6 A / 1.5 mm²

0.5 ... 1.5
1.0 ... 1.5
0.5 ... 1.5

Type	Qty	Order No.
WTA 3	25	1632350000
WTA 3/ZA	25	1632360000
WTA 3/10	5	1632370000

For terminal For terminal

WDU 4
WDU 6
WDU 10

DEK 5

WTA 4



125
62
5.0
6.0

250 V / 6 A / 1.5 mm²
300 V / 6 A / 1.5 mm²

0.5 ... 1.5
1.0... 1.5
0.5 ... 1.5

Type	Qty	Order No.
WTA 4	25	1878660000
WTA 4/ZA	25	1879350000
WTA 4/10	5	1879340000

For terminal For terminal

WDK 2.5
WDK 2.5 V
WDK 2.5 F
WDK 2.5 FV

DEK 5

WTA 7



120
68
6.0
6.0

250 V / 6.0 A / 1.5 mm²
300 V / 6.0 A / 1.5 mm²

0.5 ... 1.5
1.0 ... 1.5
0.5 ... 1.5

Type	Qty	Order No.
WTA 7	25	1650210000

For terminal

WSI 6

DEK 5

WTA 8



78
39
6.0
6.0

205 V / 6.0 A / 1.5 mm²

0.5 ... 2.5

Type	Qty	Order No.
WTA8 TN-KO/ZA (red)	25	1915520000
WTA8 TN-KO (red)	25	1915470000
WTA8 KO-TN/ZA (green)	25	1915510000
WTA8 KO-TN (green)	25	1915480000
WTA8 TN/ZA (beige)	25	1915500000
WTA8 TN (beige)	25	1915450000

For terminal

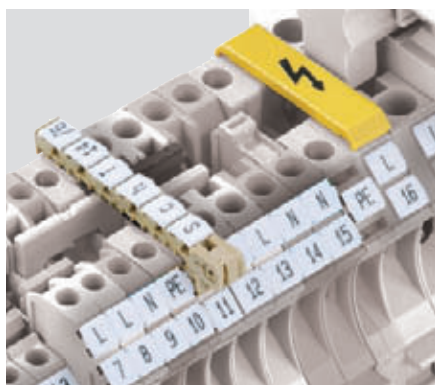
WTL 4/2 StB

DEK 6

TN-KO ≙ Disconnect ⇒ Contact
KO-TN ≙ Contact ⇒ Disconnect
TN ≙ Disconnect

Accessories – Marking

Marking / Covering



The WAD cover is clipped onto the cross-connection channel in the middle of the terminal from above. The cover is supplied either in yellow with a black warning lightning flash or in white without any printing.

Cover WAD is available for all feed-through terminals in the W-Series.

Marking mains terminals

The VDE regulations stipulate that mains terminals have to be identified by a warning lightning flash.



Simple marking

The cover in white without any printing can be used for terminal marking or group marking.

Finger safety for uninsulated cross-connections

Important! When cross-connecting terminals WDU 70N, WDU 95N/120N, WDU 70/95 and WDU 120/150 finger safety according to the VDE directive is only guaranteed when the WAD cover is used.

WAD

Type	Qty	Order No.	For standard terminal	For compact terminal
WAD 4 yellow w. lightning flash	50	1072000000	WDU 1.5/ZZ	WDU 2.5N...
WAD 4 white	50	1072100000	WDU 2.5/1.5/ZR	WDU 4N WDK 2.5...

Type	Qty	Order No.	For standard terminal	For compact terminal
WAD 5 yellow w. lightning flash	50	1053460000	WDU 2.5	
WAD 5 white	50	1056060000	WDU 4	

Type	Qty	Order No.	For standard terminal	For compact terminal
WAD 8 yellow w. lightning flash	50	1053560000	WDU 6	
WAD 8 white	50	1056160000	WDU 10	

Type	Qty	Order No.	For standard terminal	For compact terminal
WAD 12 yellow w. lightning flash	50	1055960000	WDU 16...	
WAD 12 white	50	1056260000	WDU 35...	

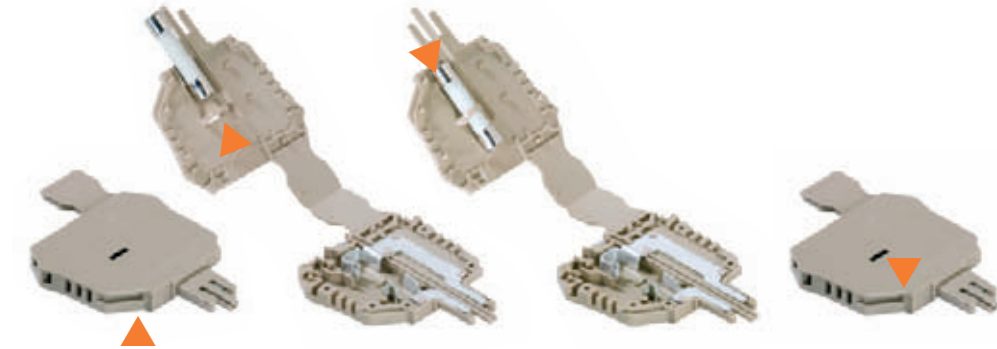
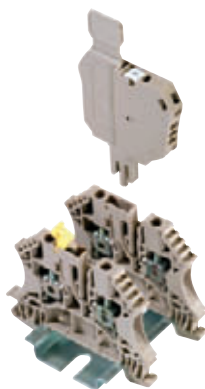
Type	Qty	Order No.	For standard terminal	For compact terminal
WAD 12N yellow w. lightning flash	50	1073200000		WDU 16N...
WAD 12N white	50	1073290000		

Type	Qty	Order No.	For standard terminal	For compact terminal
WAD 16N yellow w. lightning flash	50	1083600000		WDU 35N...
WAD 16N white	50	1083500000		

Type	Qty	Order No.	For standard terminal	For compact terminal
WAD 20 yellow w. lightning flash	20	9512260000		WDU 50N
WAD 20 white	20	9512270000		WDU 70N WDU 95N/120N

Type	Qty	Order No.	For standard terminal	For compact terminal
WAD 27 yellow w. lightning flash	10	1062860000	WDU 70/95	
WAD 27 white	10	1062960000	WDU 120/150	

SIHA fuse holder



1. Open fuse holder with fingers or screwdriver

2. Press out old fuse

3. Position new fuse

4. Press fuse holder together again
- Simple handling – no tools required
 - Housing made of Wemid (V0)
 - 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

For 5x20 G-fuse cartridges
The SIHA fuse holder converts a simple disconnect terminal into a fuse terminal in next to no time
Simply remove the isolating lever and insert the fuse plug

SIHA 1



	Qty	Order No.
without LED		
SIHA1/G20		
400 V	1	9537550000
with LED (red)		
SIHA1/G20		
10 - 36 V	1	9537560000
35 - 70 V	1	9537570000
60 - 150 V	1	9537580000
140 - 250 V	1	9537590000

For disconnect terminal type
WTR 2.5/ZZ

SIHA 3



	Qty	Order No.
without LED		
SIHA3/G20		
400 V	1	7921560000
with LED (red)		
SIHA3/G20		
10 - 36 V	1	7921570000
35 - 70 V	1	7921580000
60 - 150 V	1	7921590000
140 - 250 V	1	7921600000

For disconnect terminal type
WTR 4
WTR 4/ZZ
WTR 4/ZR
WTR 2.5

SIHA STRAP



	Qty	Order No.
with strap		
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

Accessories – Specific functions and variations

Cartridge fuses

Technical data

For terminal type		G-type cartridge fuses 5 x 20 without indicators to IEC 60127-2 (VDE 0820 pt.2 BI ¹⁾)				Qty	Order No.			
		Size (mm)	Nom. voltage (V)	Nom. current (A)	Type					
WSI 4		5 x 20 breaking capacity 1500 A (at 250 V, 50 Hz, cos φ 0,7)	250	0.1	(F) G 20/0.10A/F	10	0430300000			
WSI 6				0.2	(F) G 20/0.20A/F	10	0430400000			
				0.25	(F) G 20/0.25A/F	10	0430500000			
				0.5	(F) G 20/0.50A/F	10	0430600000			
				0.63	(F) G 20/0.63A/F	10	0439000000			
				1.0	(F) G 20/1.00A/F	10	0430700000			
				1.6	(F) G 20/1.60A/F	10	0430800000			
				2.0	(F) G 20/2.00A/F	10	0430900000			
				2.5	(F) G 20/2.50A/F	10	0431000000			
				3.15	(F) G 20/3.15A/F	10	0431100000			
				4.0	(F) G 20/4.00A/F	10	0431200000			
				5.0	(F) G 20/5.00A/F	10	0431300000			
				6.3	(F) G 20/6.30A/F	10	0431400000			
				(M) = medium-blow (F) = fast-blow						
G-type cartridge fuses 5 x 25 with indicators to DIN 41576 ¹⁾										
WSI 6		5 x 25 w. indicator ¹⁾ breaking capacity 80 A (at 250 V, 50 Hz, cos φ = 1)	250	0.25	(M) G 25/0.25A/M	10	0546900000			
				0.5	(M) G 25/0.50A/M	10	0510300000			
				0.8	(M) G 25/0.80A/M	10	0646400000			
				1	(M) G 25/1.00A/M	10	0265800000			
				10	(M) ²⁾ G 25/10.0A/M	10	0193100000			
				2	(F) G 25/2.00A/F	10	0192700000			
				4	(F) G 25/4.00A/F	10	0192800000			
				6.3	(F) G 25/6.30A/F	10	0192900000			
				(M) = medium-blow (F) = fast-blow						
Cartridge fuses 1¼" x ¼" without indicators to BS 88										
WSI 4/2		33 kA breaking capacity, 33 kA fast-blow	440	0.5	GZ 0.5A/F	10	0533800000			
WSI 6/2				1	GZ 1.0A/F	10	0525500000			
				2	GZ 2.0A	10	0294500000			
				3	GZ 3.0A	10	0295700000			
				5	GZ 5.0A	10	0294600000			
				7	GZ 7.0A	10	0295800000			
				10	GZ 10.0A	10	0293900000			
				12.5	GZ 12.5A FF	10	0245400000			
				(F) = fast-blow (M) = medium-blow						
D-type cartridge fuses E 16 with indicators to DIN 49360 (Diazed)										
SAKS 2		E 10 A	500	10	E 16/10A RT	25	0208500000			
				16	E 16/16A GR	25	0208600000			
				20	E 16/20A BL	25	0208700000			
				25	E 16/25A GE	25	0208800000			
				(F) = fast-blow (M) = medium-blow						
D-type cartridge fuses E 14 size D 01 and E 18 Größe D 02 with indicators to DIN 49522 (Neozed) ³⁾										
SAKS 4 ⁴⁾		E 14/2	400	2	E 14/2A RS	10	0137400000			
		E 14/4		4	E 14/4A BR	10	0137500000			
		E 14/6		6	E 14/6A GN	10	0328300000			
		E 14/10		10	E 14/10A RT	10	0328400000			
		E 14/16		16	E 14/16A GR	10	0328500000			
SAKS 5		E 18/20	400	20	E 18/20A BL	10	0361300000			
		E 18/25		25	E 18/25A GE	10	0361400000			
		E 18/35		35	E 18/35A SW	10	0361500000			
		E 18/50		50	E 18/50A WS	10	0361600000			
		E 18/63		63	E 18/63A KU	10	0361700000			
	(F) = fast-blow (M) = medium-blow									

Notes: ¹⁾ SIBA also supplies G-type cartridge fuses 5 x 25 with indicators suitable for 450 V~ shipbuilding applications.

²⁾ Cartridge fuses 5 x 30 (500 V~) for SAKS 3 are available from the WICKMANN company.

³⁾ LINDNER also supplies the Neozed cartridge fuses in another version suitable for 440 V~ shipbuilding applications.

⁴⁾ Cartridge fuses in the sizes 1"x1/4" (25.4x6.35 mm) and 13/32"x1 1/8" (10.3x38.1 mm) are not included in the range.

⁵⁾ For SAKS 1 and SAKS 7 only.

Gauge pieces

Technical data

For terminal type

SAKS 4/35



SAKS 5/35



SAKS 2/35



Gauge piece type

P 14/2

P 14/4

P 14/6

P 14/1

P 18/20

P 18/25

P 18/35

P 18/50

P 16/10

P 16/16

P 16/20

Amps

2

4

6

10

20

25

35

50

10

16

20

Colour

pink

brown

green

red

blue

yellow

black

white

red

grey

blue

Type

P 14/2D01 RS

P 14/4D01 BR

P 14/6D01 GN

P 14/10D01 RT

P 18/20D02 BL

P 18/25D02 GE

P 18/35D02 SW

P 18/50D02 WS

P 16/10 RT

P 16/16 GR

P 16/20 BL

Ordering data

Qty

50

50

50

50

50

50

50

50

100

100

100

Order No.

0138000000

0138100000

0328600000

0328700000

0361800000

0361900000

0362000000

0362100000

0208900000

0209000000

0209100000

Component isolating plugs

The Weidmüller philosophy is to realise a multitude of applications with just a few parts. The component and isolating plugs (BEST and TNST) represent a logical extension of this cost-effective and efficient approach. The component plug can accommodate electronic components and connect them to the terminal. And once an isolating plug is removed, the clamping point is obviously disconnected. The opening is easy to recognise.

An unintentional reconnection of the circuit is prevented by simply removing the isolating plug. The BEST and the TNST have the same pin arrangement. Both plugs are also identical with the SIHA 3 fuse holder, meaning that they can be used in all the "disconnecting products" of the W-, Z-, I- and P-Series.

Component plug (up to 250 V)

can be reversed



Ordering data

Type	Fitted with...	Qty	Order No.
BEST	-	25	1833100000
BEST/DRBR	wire jumper	25	1878570000
BEST/D	diode 1N4007	25	1878560000

For terminal type

WTR 2.5

WTR 4

WTR 4/ZZ

WTR 4/ZR

Isolating plug



Ordering data

Type	Colour	Qty	Order No.
TNST	Wemid, yellow	25	1833090000

For terminal type

WTR 2.5

WTR 4

WTR 4/ZZ

WTR 4/ZR

Accessories – Specific functions and variations

Screen plug (LS)

A screen plug (LS) is available for many terminals in the W-Series. The bar can be used to continue the shielding over the terminals as an interface. There is no direct connection to earth potential.

Assembly

The screen plug is placed flat in the bottom of the terminal in the recess provided. At the ends, the shield can be plugged in with a 2.8 mm Faston connector or also soldered on.

Reduced rated voltage

The smaller clearance and creepage sections result in a reduced voltage rating in the terminal when using the screen plug.

Short-circuit plug (WDS)

Short-circuit plugs (cross-connection plugs) are used together with sockets (diameter 2.3 mm) for easily disconnected cross-connection of terminals.

In practice, this plug is frequently used for disconnect test terminals and disconnect terminals. The insulated holder makes the WDS finger-safe.

Assembly

The plug is simply plugged onto the socket and locks automatically.

For terminal width 5.1 mm

Extension connector (WZAD)

Assembly

This connector consists of a metal part which is pushed into the terminal and lodges behind the clamping yoke. The WZAD extension connector is connected to the "main" conductor in the terminal. Another conductor of up to 4 mm² and 32A can be screwed to the outer end of the extension connector using a ring cable lug.

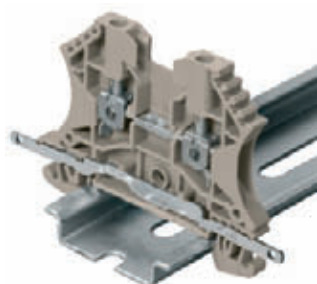


An extension connector (WZAD) is offered for feed-through terminals from 70 mm².



Exception WZAD WDU 240

The extension connector for WDU 240 is separately plugged into the terminal above the wire entry and locks automatically. The conductor is connected with a fully insulated screw connection.



LS 2.8

Type	Qty	Order No.
LS 2.8 WDU2.5-10	50	1056400000

WDS

Type	Qty	Order No.
WDS 2	20	1069900000

WZAD

Type	Clamped conductor	Rated current	Qty	Order No.	For terminal
WZAD 70/95	up to 4 mm ²	32 A	10	1066000000	WDU 70/95
WZAD 120/150	up to 4 mm ²	32 A	10	1066100000	WDU 120/150
WZAD 240	up to 10 mm ²	57 A	5	1802810000	WDU 240
WZAD 70N	up to 4 mm ²	32 A	10	9512280000	WDU 50N/70N

Reduced voltage

For standard terminal	Reduced voltage
WDU 1.5/ZZ	400V
WDU 2.5/1.5/ZZR	400V
WDU 2.5	400V
WDU 4	400V
WDU 6	400V
WDU 10	400V
WDK 2.5 ZQV	250V
WDK 2.5 (WQV)	250V
WTR 2.5...	250V
For compact terminal	Reduced voltage
WDK 2.5N	250V
WDK 4N	250V

For terminal
WDU 1.5/ZZ
WDU 2.5/1.5/ZZR
WDU 2.5
WDK 2.5... (WQV)
WTR 2.5...
WDU 2.5 F...

WZAF

Type	Clamped conductor	Rated current	Qty	Order No.	For terminal
WZAF 35	4 mm ²	32 A	10	1070500000	WFF 35
WZAF 70	4 mm ²	32 A	10	1066200000	WFF 70
WZAF 120	4 mm ²	32 A	10	1066300000	WFF 120
WZAF 185	4 mm ²	32 A	10	1066400000	WFF 185
WZAF 300	4 mm ²	32 A	10	1066500000	WFF 300

PEN bridges

Energy distribution for machines or in buildings usually consists of 5-conductor systems (TN-S). By contrast, energy supply mains are frequently rated as 4-conductor connection. A PEN bridge joins separate PE and N conductors into one PEN conductor, creating the transition from a TN-S to a TN-C system.

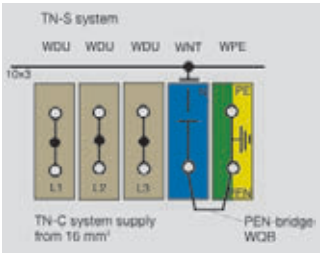
Standard installation

Depending on the terminal type, inside or outside PEN bridges are available for both PE and N conductor terminals from 10 mm²

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

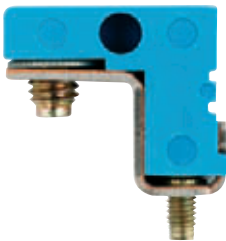
There are special outside cross-connectors (WQB-PEN) for N-conductor disconnect terminals (WNT) which establish the contact between NT and PE terminals. This results in an earthed neutral conductor with protection function in three-phase systems.



External PEN bridge



Inside PEN bridge



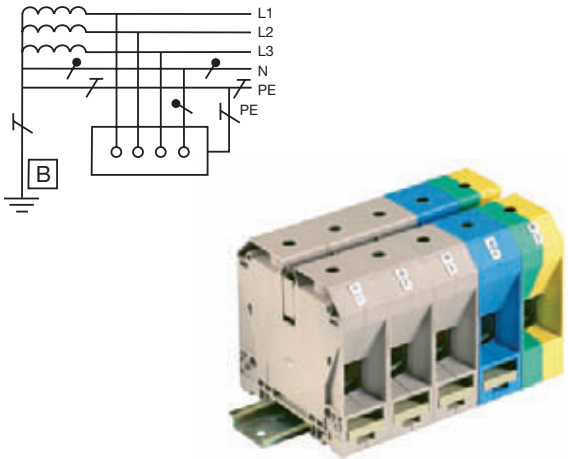
WQB-PEN ...

Type	Qty	Order No.	For terminal
with standard terminals			
WQB-PEN 10	10	1060300000	WPE 10 WDU 10 BL
WQB-PEN 16	10	1060200000	WPE 16 WDU 16 BL
WQB-PEN 3	10	1060100000	WPE 35N WDU 35N BL
with N-conductor disconnect terminals			
WQB-PEN 16N	10	1079600000	WNT 16N WPE 16N
WQB-PEN 35N	10	1079500000	WNT 35N WPE 35B
WQB-PEN 70N	10	1079700000	WNT 70N WPE 70N

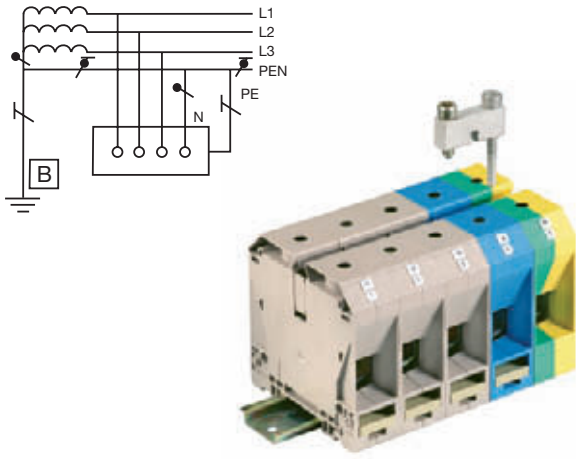
WQV ... -PEN

Type	Qty	Order No.	For terminal
WQV 16N-PEN	10	1071360000	WPE 16N WDU 16N BL
WQV 70N-PEN	5	9201620000	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		9201620000	WPE 95N/120N WDU 95N/120N

TN-S system:

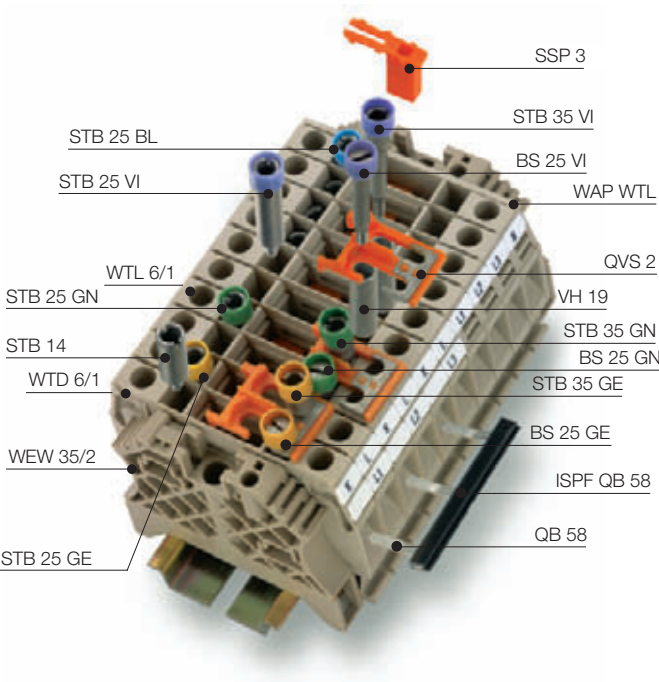


TN-C system:



Accessories – Specific functions and variations

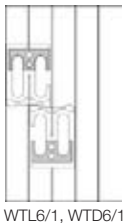
Accessories for disconnect test terminals



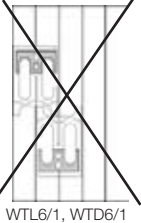
Cross-connection slider QVS...

Connection sleeves VH 19 and fixing screws BS 25 (or sockets StB 35) are required for fastening the QVS in the individual terminals. The fixing screws have an insulating sleeve as colour marking and a screw-driver guide. Cross-connection sliders are designed so that the sockets inserted in the terminals remain available for test plugs at every position. The 2-pole version type QVS 2S is designed to slide with test plugs plugged in. If the option of testing is required when the QVS is plugged in, socket StB 35 can be used for fastening. The clearance and creepage sections required for the rated voltage of the terminal are changed when accessories are fitted. Sockets type StB are screwed into the busbar of the terminal. They take test plugs type PS4 or cross-connectors type QS2.

QVSK 2 (167036)



QVS 2 (030730)



Note:
QVS 2 cannot be switched offset to each other.

Technical data

Rated voltage for neighbouring	rated voltage	for neighbouring	rated voltage
QVS	63 V	StB 25	63 V
WQV	up to 400 V	StB 30.5	63 V
QL	250 V	StB 35	63 V

To retain the rated voltage, partition plates TW or partition discs TSch have to be used, except with WQV

SSP WTL, SSP 3 and SSP 4 prevent unwanted opening or closing of current circuits. They block the disconnecting slider in its particular position. The lockout device is easily pressed into the terminal, but can only be removed again with a tool.

Type	Qty	Order No.
SSP 3	100	0531760000
SSP 4	20	1319360000
SSPWTL	100	1604200000

QVS 1

Cross-connection slider



Type	No. of poles	Qty	Order No.
QVS 2	2	20	0307300000
QVSK2	2	20	1670360000
QVS 3	3	20	0329300000
QVS 4	4	20	0307400000
QVS 2S	2	20	0358460000

STB

Sockets



Type	Colour	Qty	Order No.
STB 14		50	0169900000
STB 25			
STB 25	yellow	50	0267200000
STB 25	green	50	0271200000
STB 25	violet	50	0271300000
STB 25	black	50	0271500000
STB 25	grey	50	0271400000
STB 25	blue	50	0343400000
STB 25	red	50	0343300000
STB 30.5			
STB 30.5	black	50	0341000000
STB 30.5	grey	50	0341100000
STB 30.5	blue	50	0341200000
STB 30.5	red	50	0341300000
STB 30.5	green	50	0341400000
STB 30.5	yellow	50	0341500000
STB 30.5	violet	50	0341600000
STB 35			
STB 35	yellow	50	0389000000
STB 35	green	50	0388900000
STB 35	violet	50	0389100000
STB 35	black	50	0388500000
STB 35	grey	50	0388600000
STB 35	blue	50	0388700000
STB 35	red	50	0388800000

Accessories for disconnect test terminals

BS fixing screws

VH connecting sleeves

WQV cross-connections

WQV cross-connections allow for finger and hand-safe connection between neighbouring terminals in accordance with VBG 4.

QL cross-connection lug

Cross-connection lugs type QL are used in disconnect terminals WLT 6.1 as fixed i.e. not switching cross-connection. They are fastened with connecting sleeves VH 12 and fixing screws BS M 3 x 20 (or sockets StB 30.5).

The clearance and creepage distances required for the rated voltage of the terminal can be changed when accessories are installed. This applies in particular to the cross-connection of neighbouring terminals of differing potential.

WKB / WKS cross-connection bridge

WKB can be inserted from above in the case of cross-disconnect terminal type WTQ 6/1. The integrated disconnect slider is then responsible for connection or disconnection.

QS2 cross-connection plug

For sockets diameter 4 mm, for loads up to 44 A.

BS / VH



Type	Colour	Qty	Order No.
Fixing screws			
BS 25	yellow	50	0335700000
BS 25	green	50	0335600000
BS 25	violet	50	0335800000
BS 25	grey	50	0335300000
BS 25	black	50	0335200000
BS 25	blue	50	0335400000
BS 25	red	50	0335500000
BS 25	blank	50	0334700000
BS M3 x 20		100	0377100000
CuNi 60 (copper alloy)			
Connecting sleeves			
VH 19		50	0318000000
CuZn 39 (brass alloy)			
VH 12		100	0249000000
E-Cu 57 (copper alloy)			

WQV / QL



WQV (only for WTL 6/2, WTL 6/3)

Type	No. of poles	Qty	Order No.
WQV			
WQV 6/2	2	50	1052360000
WQV 6/3	3	50	1054760000
WQV 6/4	4	50	1054860000
WQV 6/5	5	50	1062660000
WQV 6/7	7	50	1062680000
WQV 6/10	10	20	1052260000
QL			
QL 2	2	50	0194300000
QL 3	3	50	0194400000
QL 4	4	50	0194500000
QL 5	5	50	0220500000
QL 6	6	50	0220600000
QL 10	10	20	0338300000
QL 15	15	10	0221200000

WKS / WKB



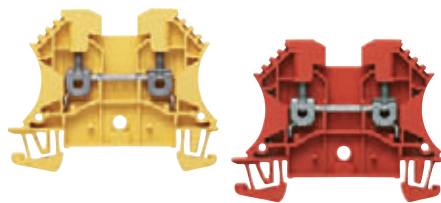
Type	No. of poles	Qty	Order No.
WQV			
WKB 1/2	2	50	1604280000
WKB 1/3	3	50	1604300000
WKB 1/4	4	50	1604320000
WKB 1/10	10	20	1604330000
WKS			
WKS 1/2	2	50	1604270000
WKS 1/3	3	50	1604290000
WKS 1/4	4	50	1604310000

QS 2



Type	No. of poles	Qty	Order No.
WQV			
QS 2	2	20	0270960000
x = 8 mm, y = 16 mm			
QS 2	2	20	0270860000
x = 10 mm, y = 20 mm			
QS 2	2	20	0270760000
x = 12 mm, y = 20 mm			

Accessories – Colours



The colours listed are available as standard. Other terminal types can be supplied in customised colours on request for quantities exceeding the minimum quantity.

Standard design

WDU 2.5	Colour	Qty	Order No.
WDU 2.5 OR	orange		1020060000
WDU 2.5 BR	brown		1037710000
WDU 2.5 GE	yellow		1020020000
WDU 2.5 GN	green		1020090000
WDU 2.5 GR	grey		1037720000
WDU 2.5 RT	red		1020040000
WDU 2.5 SW	black		1020010000
WDU 2.5 VI	violet		1037700000
WDU 2.5 WS	white		1036800000
WDK 2.5			
WDK 2.5 OR	orange		1021560000
WDK 2.5 WS	white		1790900000
WDK 2.5 V			
WDK 2.5 V OR	orange		1022360000
WDK 2.5 V GE	yellow		1022350000
WDU 4			
WDU 4 OR	orange		1036760000
WDU 4 BR	brown		1037810000
WDU 4 GE	yellow		1020120000
WDU 4 GN	green		1020160000
WDU 4 GR	grey		1037800000
WDU 4 RT	red		1020140000
WDU 4 SW	black		1020110000
WDU 4 VI	violet		1037820000
WDU 4 WS	white		1036700000
WDU 6			
WDU 6 OR	orange		1020260000
WDU 6 GE	yellow		1040220000
WDU 6 GR	grey		1039600000
WDU 6 RT	red		1020240000
WDU 6 SW	black		1020210000
WDU 10			
WDU 10 OR	orange		1020360000
WDU 10 GR	grey		1020320000
WDU 10 RT	red		1020340000
WSI 6			
WSI 6 OR	orange		1011060000
WSI 6 SW	black		1011010000
WSI 6 BL	blue		1011080000
WTD 6/1			
WTD 6/1 GE	yellow		1631760000
WTD 6/1 GR	grey		1017120000
WTD 6/1 RT	red		1631750000
WTD 6/1 SW	black		1631770000
WTL 6/3			
WTL 6/3 BR	brown		1018640000
WTL 6/3 GR	green		1018850000

Compact design

WDU 2.5N	Colour	Qty	Order No.
WDU 2.5N OR	orange		1023760000
WDU 2.5N GE	yellow		1023790000
WDK 4N			
WDK 4N OR	orange		1041960000

Pre-fitted terminal blocks



Readily assembled and marked terminal blocks are available as a standard feature for smaller cross-section ranges. Installation times can be reduced by simply slotting on complete blocks. The rating data depend on the corresponding terminal type.

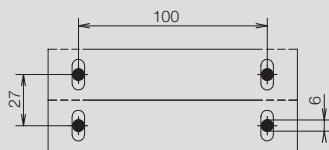
Important!

- Tolerances for mounting must be heeded in project planning. A mounting tolerance of +0.1 mm must be expected for each terminal.
- In terminal blocks marked 1–9, the 10th terminal is free for decade marking
- Terminal blocks WDU 70/95 and WDU 120/150 for direct mounting only.
For direct mounting without the terminal rail please take notice of the drilling plan. Fixing with screw M6x16.
(Order No. 1063700000/ VPE 20)

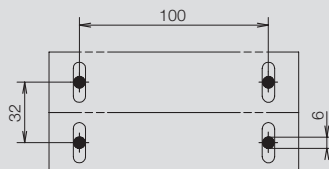
WDU 2.5	Qty	Oder No.	Description
WDU 2.5/10 BEZ	10	1020700000	10 x WDU 2.5, identified by printed marking strip DEK 5 (nos. 1–9)
WDU 2.5/10 BEZ/NE	10	1020800000	10 x WDU 2.5, with blank marking strip DEK 5
WDK 2.5			
WDK 2.5/10	10	1025700000	10 x WDK 2.5 (WQV), with blank marking strip DEK 5
WDK 2.5 ZQV/10/BEZ	10	1025610000	10 x WDK 2.5 (ZQV), identified by printed marking strip DEK (nos. 1-9)
WDU 4			
WDU 4/10/BEZ	10	1020900000	10 x WDU 4, identified by printed marking strip DEK 6 (nos. 1-9)
WDU 4/10	10	1021000000	10 x WDU 4 identified by blank marking strip DEK 6
WMA 4/4	20	1034000000	3 x WDU 4 (marked L1, L2, L3), WPE 4 (marked PE)
WMA 4/5	20	1033800000	3 x WDU 4 (marked L1,L2,L3), DEU 4 in blue (identified by N), WPE 4 (marked PE)
WDU 70/95			
WDU 70/95/3	4	1026700000	3 x WDU 70/95
WDU 70/95/5/N	2	1032300000	mains terminal block, 3x WDU 70/95 dark beige, 1x WDU 70/95 blue, 1 x WDU 70/95 green
WDU 120/150			
WDU 120/150/5	2	1026600000	5 x WDU 120/150
WDU 120/150/5/N	2	1032400000	mains terminal block, 3 x WDU 120/150 dark beige, 1 x WDU 120/150 blue, 1 x WDU 120/150 green
WDL 2.5			
WDL 2.5/3/S/NT/L/PE	25	1034200000	3 x WDL 2.5/S/NT/L/PE
WDL 2.5/2/NT/L/PE-L/L	20	1034100000	WDL 2.5/S/NT/L/PE and WDL 2.5/S/L/L
AKZ 1.5			
AKZ 1.5/10	10	0358060000	10 x AKZ 1.5
AKZ 1.5/10/BEZ	10	0358160000	10 x AKZ 1.5, identified by printed marking strips DEK 5 (nos. 1-9)
AKZ 4			
AKZ 4/10	10	0359560000	10 x AKZ 4
AKZ 4/10/BEZ	10	0359660000	10 x AKZ 4, identified by printed marking strips DEK 5 (nos. 1-9)
Compact design			
WDU 2.5N			
WDU 2.5N/10 BEZ/NE	10	1024800000	10 x WDU 2.5N, identified by printed marking strips DEK 5 (nos. 1-9)

Drilling plan

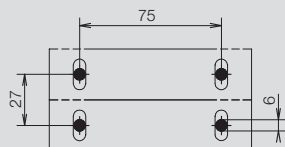
WDU 70/95



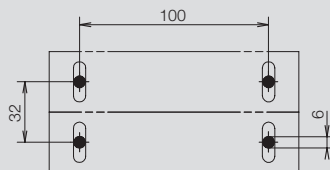
WDU 120/150



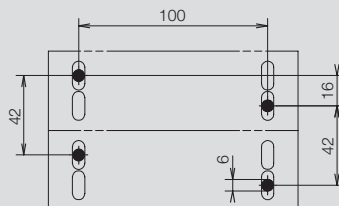
WFF 35



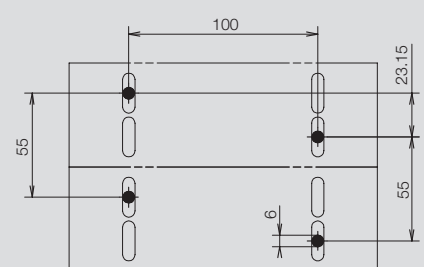
WFF 70



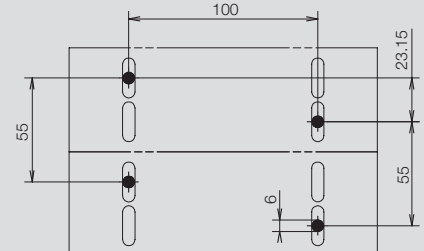
WFF 120



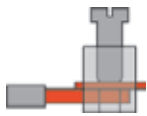
WFF 185 / WFF 185 M 12 + M 16



WFF 300



SAK-Series / Screw connection with clamping yoke



Put to the test billions of times

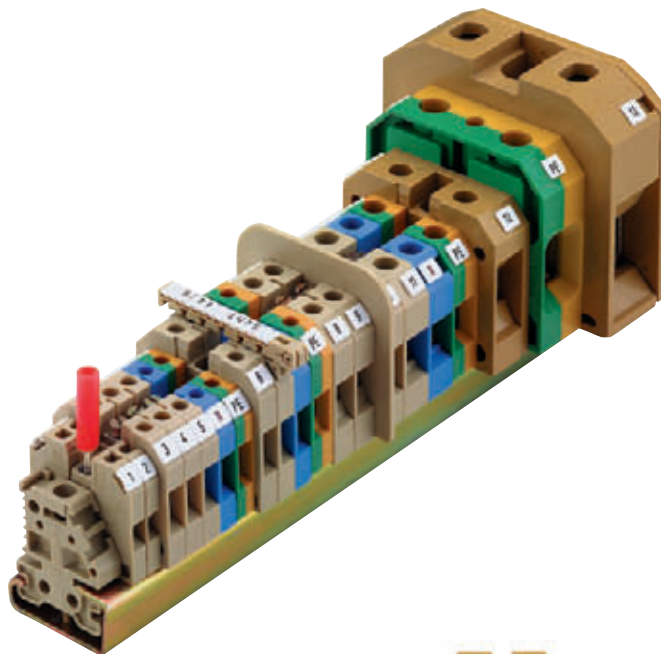
Countless approvals, specifications and the world's most extensive range of terminals mean that SAK terminals can be used for a wide range of different applications.

The right materials for every application

Ambient temperatures are not an issue for the SAK-Series thanks to different materials such as polyamide, thermoplastics and heat-resistant ceramics.

Best conductivity and high contact force

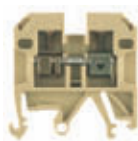
Thanks to its design, the legendary high-strength steel screw clamp absorbs every geometric change to the connected conductor.



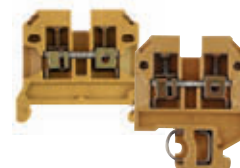
All materials checked for conformity with the latest environmental directives and RoHS requirements.

Versions

- Cross-sections from 0.5 to 35 mm²
- TS 32/TS 35 "2 in 1" combination foot



- Cross-sections from 0.5 to 95 mm²
- Special foot for TS 35
- Special foot for TS 32



Product overview

Terminal type	Rated cross-section 2.5 mm ²	4 mm ²	6 mm ²	10 mm ²	16 mm ²	35 mm ²	Flat-blade connection	Faston- connection	Spring- loaded	Solder connection
Feed-through terminals										
PA 6.6 / TS 32	•	•	•	•	•	•		•	•	•
KrG / TS 32	•	•	•	•	•	•	•	•	•	•
PA 6.6 / TS 35	•	•	•	•	•	•		•	•	•
KrG / TS 35	•	•	•	•	•	•	•			
PA 6.6 / combination foot	•	•	•	•	•	•				
PA 6.6 / TS 15	•	•						•		•
Double level terminals		•								
PE terminals										
PA 6.6 / TS 32	•	•		•	•	•				
PA 6.6 / TS 35	•	•	•	•	•	•				
PA 6.6 / TS 15	•	•								
Fuse terminals										
PA 6.6 / TS 32				•						
PA 6.6 / TS 35				•						
KrG / TS 32				•	•					
KrG / TS 35				•	•					
PA 6.6 / TS 15		•								
PA 6.6 / combination foot		•								
Double level fuse terminals										
PA 6.6 / TS 32		•								
PA 6.6 / TS 35		•								
PA 6.6 / combination foot		•								
Disconnect terminals										
TS 35		•		•						
PA 6.6 / TS 15		•								
Double level disconnect test terminals		•						•		
Ceramic terminals		•		•						

For further information please refer to our SAK catalogue!

1 The connection

Separation of electrical and mechanical functions:

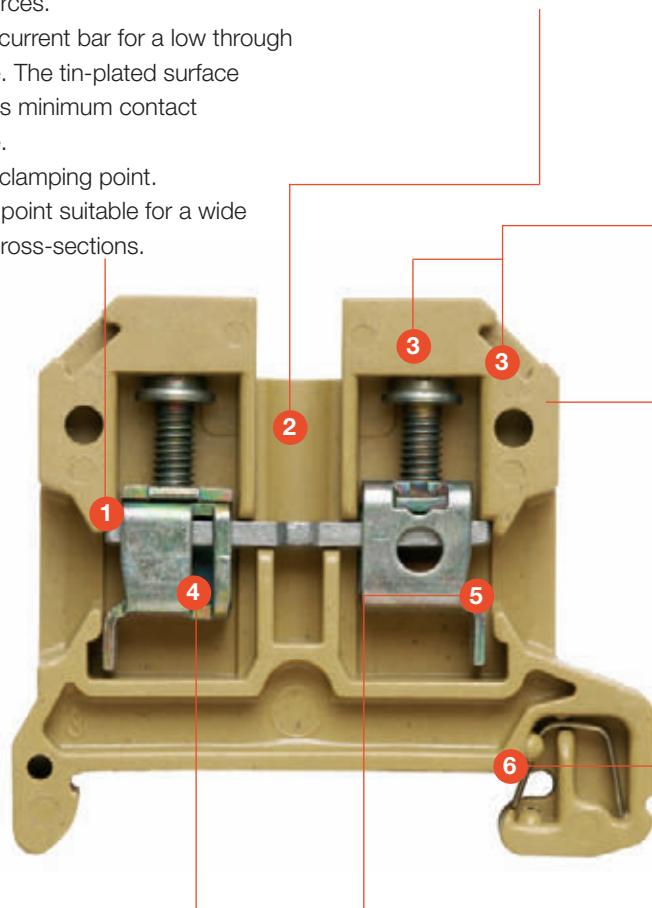
- Clamping yoke and clamping screw made from hardened steel for high contact forces.
- A copper current bar for a low through resistance. The tin-plated surface guarantees minimum contact resistance.
- Gas-tight clamping point.
- Clamping point suitable for a wide range of cross-sections.

2 Cross-connection channel

- Any number of poles can be created by stacking the pre-fitted cross-connections.

3 Easy to use

- Built-in reserve when undoing the clamping screw – particularly important for mechanical screwing tools.
- Recessed clamping screw position provides guide for screwdriver.
- All parts fitted captive within the terminal.
- Numerous labelling options.



Insulating materials and max. temperatures

- PA – 100°C
- KrG – 130°C
- EP – 160°C
- Ceramic – 250°C

4 Reliable contact

- The steel clamping yoke compensates for temperature-induced changes to the conductor (no gradual loosening) required.
- Low-maintenance, vibration-resistant connection – no need to retighten the clamping screw.
- The highest contact force of any connection system – and in a compact space.

5 Safe to use

- Terminals supplied with open clamping point
- Yoke tab prevents incorrect insertion of conductors.

6 3 different snap-on feet

Standards and directives

The reliable contact and dependability of the Weidmüller systems are verified by:

- Type tests to IEC 6047-7-1/2
- National and international approvals
- A large portfolio of UL and CSA approvals
- ATEX approval



