Terminals / Screw connection

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Overview

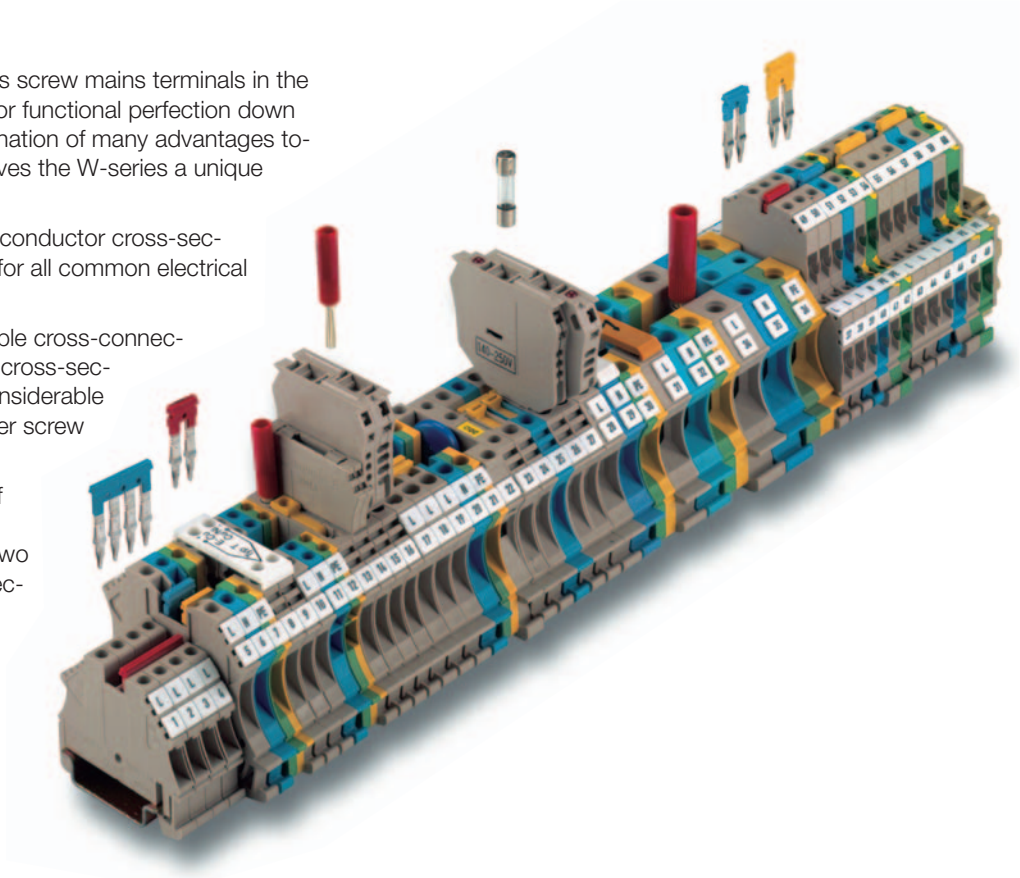
Screw connection

For a long time now, Weidmüller's screw mains terminals in the W-series have set the standard for functional perfection down to the very last detail. The combination of many advantages today remains unsurpassed and gives the W-series a unique lead on the market.

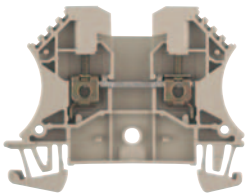
The W-series offers solutions for conductor cross-sections from 0.08 to 240 mm² and for all common electrical functions.

One unique feature is the pluggable cross-connector (ZQV) for most terminals with cross-sections 2.5 and 4 mm². It brings considerable time savings compared to all other screw terminals on the market.

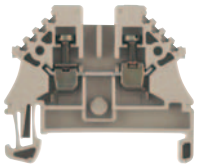
Thanks to the patented design of Weidmüller's screw connection (tension clamp) it is possible for two conductors of the same cross-section to be connected in one and the same clamping point without difficulty.



Design



W-standard
- Same contour design from 2.5 to 10 mm²
- Conductor sizes from 0.8 to 240 mm²
- Large clamping capacity range



W-compact
- Smaller size
- Identified by an “N” in the type designation
- Conductor sizes from 0.08 to 150 mm²

Product overview

Rating 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	•	•	•	•	•	•			•					
Protective earth terminals														
2 connections	•	•	•	•	•	•	•		•		•	•	•	•
3 and 4 connections	•		•	•	•	•			•					
Fuse terminals			•		•		•							
Isolating terminals	•		•		•									
Measuring and isolating terminals					•		•							
3-conductor installation terminals	•		•		•									
Isolating neutral terminals	•		•		•		•		•			•		•
Pluggable terminals	•		•		•									
Initiator/actuator terminals	•		•		•									
Terminals with built-in components	•		•		•	•								
Miniature terminals TS 15	•													

Rating 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		•	•	•	•	•	•	•	•		•	
Protective earth terminals		•	•	•	•	•	•	•	•			
Isolating neutral terminals				•								

In detail

The connection

Separation of electrical and mechanical function:

- Clamping unit (tension clamp and clamping screw) of hardened steel for very high contact force
- Busbar of copper for low voltage loss. Tin-plated surface for minimum contact resistances

Cross-connections, also pluggable

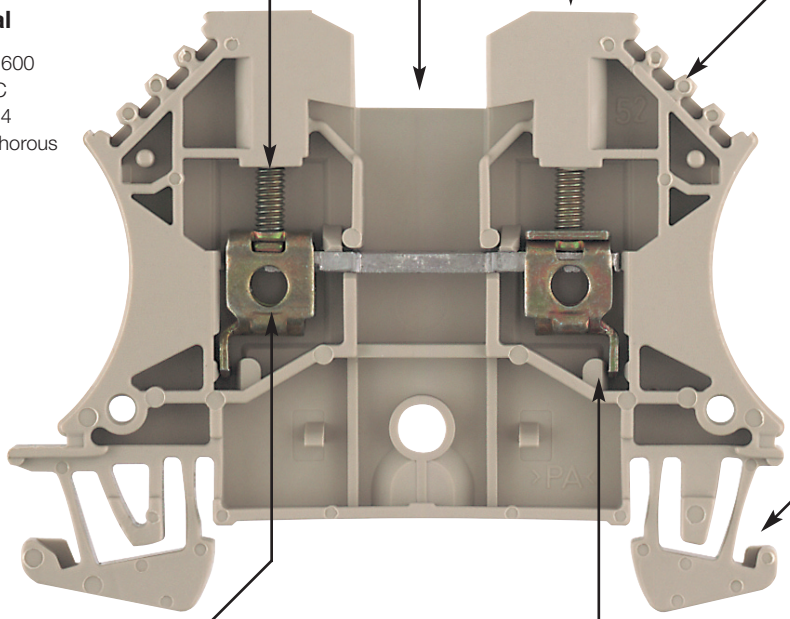
- Screw-in or pluggable cross-connections
- For screw terminals, the pluggable cross-connection (ZQV) is unique, with considerable time savings
- Standard cross-connections for 2.5 and 4 mm² for up 10 poles
- Pluggable cross-connections available for up to 50 poles for own assembly

Simple to use

- Snap on and off at right angles to the mounting rail in both directions
- Integrated idle point when loosening the terminal screws – specially important for mechanical screwdrivers
- Screwdriver guided by countersinking of clamping screws
- All parts captive in the terminal
- Many different options for labelling

Wemid insulating material

- Resistant to creep current CTI 600
- Temperature resistant to 120°C
- Combustibility class V0 to UL94
- Contains no halogen or phosphorous



Same contours

- Identical size from 2.5 to 10 mm
- Small number of different accessory parts
- Easier project planning

Safe contacts

- Elastic tension clamp compensates for changes in the conductors caused by fluctuations in temperature (prevents working loose)
- 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

Safe use

- Shock protection with connected conductors, even with cross-connection
- Terminals supplied with open clamping point. In addition, the misplugging safeguard prevents conductors from being inserted incorrectly (detailed photo).
- Embossing on tension clamp and busbar engage so that even the smallest conductors are reliably clamped; large conductors and also 2 conductors are gripped in the middle.

Standards

The high contact safety and reliability of Weidmüller's systems is verified by:

- Type-testing to IEC 60947-7-1/-2
- National and international approvals
- Large portfolio with UL and CSA approvals
- W-series qualified to railway standards
- ATEX approval

Feed-through terminals

Standard design

Identical external profile for the 2.5mm² - 10mm² terminals enables the use of common endplates and partitions thus reducing stocking costs.

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.

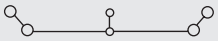
WDU 1.5/ZZ — 1.5 mm²

Additional connection right and left

WDU 2.5/1.5/ZR — 2.5 mm²

Additional connection right

		WDU 1.5/ZZ	WDU 2.5/1.5/ZR
Width/Length/Height with TS35x7.5	mm	**5.1** x 60 x 47	**5.1** x 60 x 47
Max. current / max. cond. cross-section	A/mm²	**23 / 2.5**	**32 / 4**
Max. clamping range	mm²	**0.13 ... 2.5**	**0.13 ... 4**



Technical data

		WDU 1.5/ZZ				WDU 2.5/1.5/ZR			
		IEC 60947-7-1			EEx e II T II 2 G D	IEC 60947-7-1			EEx e II T II 2 G D
Rated data		**IEC**	**UL**	**CSA**	**EN 50019**	**IEC**	**UL**	**CSA**	**EN 50019**
Rated voltage	V	800	300	300	550	800	300	300	550
Rated current	A	17.5	10	10	15	24	20	20	21
Rated cross-section	mm²	1.5	AWG 22 …12	AWG 26…14	1.5	2.5	AWG 22 …12	AWG 26…12	2.5
Rated impulse voltage / Pollution severity	kV/-	8 / 3				8 / 3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		A1 / V-0				A3 / A1 / V-0			
Approvals					KEMA 98ATEX1685 U				KEMA 98ATEX1685 U
Clampable conductors (H05V/H07V)		**Rated connection**		**Additional connection**		**Rated connection**		**Additional connection**	
Solid / stranded	mm²	0.5…2.5 / 1.5…2.5				0.5…4 / 1.5…4		0.5…2.5 / 1.5…2.5	
Flexible / flexible w. wire end ferrule	mm²	0.5…1.5 / 0.5…1.5				0.5…4 / 0.5…2.5		0.5…1.5 / 0.5…1.5	
Tightening torque range (clamping screw)	Nm	0.4…0.6 (M 2.5)				0.4…0.8 (M 2.5)		0.4…0.6 (M 2.5)	
Stripping length / blade size	mm / -	7 / 3.5 x 0.6				10 / 3.5 x 0.6		7 / 3.5 x 0.6	
2 clampable conductors of equal cross-section									
Solid / stranded	mm²	0.5…1				0.5…1.5		0.5…1	
Flexible / flexible w. wire end ferrule	mm²	0.5…1 / 0.5…0.75				0.5…1.5 / 0.5…1.5		0.5…1 / 0.5…0.75	
Information		Mind the max. current of the terminal (23A) when using the cross-connection WQV!				**Rated voltage 400V when using cross-connection ZQV**			

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige Wemid	WDU 1.5/ZZ	100	1031400000	WDU 2.5/1.5/ZR	100	1024700000
	blue Wemid	WDU 1.5/ZZ BL	100	1031480000	WDU 2.5/1.5/ZR BL	100	1024780000
Information					Further connection (right 1.5 mm²): UL / CSA 15A and CSA AWG 14		

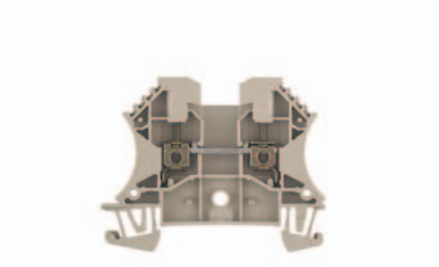
Accessories

Cross-connection, pluggable		**Type**	**Current [A]**	**Qty.**	**Order No.**	**Type**	**Current [A]**	**Qty.**	**Order No.**
(ZQV 2.5N/4)	2-pole					ZQV 2.5N/2 GE	24	60	1693800000
	3-pole					ZQV 2.5N/3 GE	24	60	1693810000
	4-pole					ZQV 2.5N/4 GE	24	60	1693820000
	10-pole					ZQV 2.5N/10 GE	24	20	1693880000
	41-/50-pole					ZQV 2.5N/50 GE	24	10	1693890000
Cross-connection, screwable			**Current [A]**				**Current [A]**		
(WQV 2.5-3)	2-pole	WQV 2.5/2	32	50	1053660000	WQV 2.5/2	32	50	1053660000
	3-pole	WQV 2.5/3	32	50	1053760000	WQV 2.5/3	32	50	1053760000
	4-pole	WQV 2.5/4	32	50	1053860000	WQV 2.5/4	32	50	1053860000
	10-pole	WQV 2.5/10	32	20	1054460000	WQV 2.5/10	32	20	1054460000
End plate / partition			**Width [mm]**				**Width [mm]**		
End plate	dark beige Wemid	WAP 2.5-10	1.5	50	1050000000	WAP 2.5-10	1.5	50	1050000000
	blue Wemid	WAP 2.5-10 BL	1.5	50	1050080000	WAP 2.5-10 BL	1.5	50	1050080000
Partition	dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5	20	1050100000	WAP 16+35 WTW 2.5-10	1.5	20	1050100000
	blue Wemid	WAP 16+35 WTW 2.5-10 BL	1.5	20	1050180000	WAP 16+35 WTW 2.5-10 BL	1.5	20	1050180000
End bracket			**Width [mm]**				**Width [mm]**		
	dark beige	WEW-35/2	8	100	1061200000	WEW-35/2	8	100	1061200000
Testing									
For testing of wired terminal strips	Standard version	WTA 2 WDU2.5-10		25	**1632320000**	WTA 2 WDU2.5-10		25	**1632320000**
	With spigot	WTA 2/ZA WDU2.5-10		25	1632330000	WTA 2/ZA WDU2.5-10		25	1632330000
Cover									
	With elec. shock warn. symbol	WAD 4 GE BED		50	1072000000	WAD 5 MIT BLITZZEICHEN		50	1053460000
	neutral	WAD 4 WS		50	1072100000	WAD 5 NEUTRAL		50	1056060000
Marking systems (see large assortment in chapter M)									
	Tags	WS 12/5 / DEK 5				WS 12/5 / DEK 5			
For detailed information on additional accessories and usage instructions see chapter accessories.		Test plug and socket see section Accessories W-series				Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, Qty. 500)			

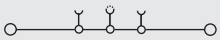
Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Feed-through terminals

WDU 2.5 — 2.5 mm²



5.1 x 60 x 47
32 / 4
0.13 ... 4



IEC 60947-7-1 — EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
800	600	600	550
24	25	20	21
2.5	AWG 22 ...12	AWG 26...12	2.5
8 / 3			
A3 / V-0			

KEMA 98ATEX1683 U

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

Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, Qty. 500)

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

Rated voltage 400V when using cross-connection ZQV
Colour-versions see section Accessories W-Series.

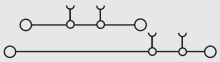
Type	Current [A]	Qty.	Order No.
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000
ZQV 2.5N/50 GE	24	10	1693890000
	Current [A]		
WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/10	32	20	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 MIT BLITZZEICHEN		50	1053460000
WAD 5 NEUTRAL		50	1056060000
WS 12/5 / DEK 5			

Test plug and socket see section Accessories W-series

WDK 2.5 ZQV — 2.5 mm²

Pluggable cross-connection

5.1 x 65.4 x 63
32 / 4
0.13 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 50019
400	300	300	
24	20	25	
2.5	AWG 22 ...12	AWG 26...12	
6 / 3			
A3 / V-0			

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

Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, Qty. 500)

Type	Qty.	Order No.
WDK 2.5 ZQV	100	1041100000
WDK 2.5 ZQV BL	100	1041180000

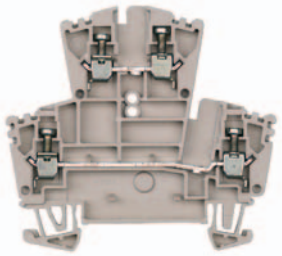
Rated voltage 400V when using cross-connection ZQV
Colour-versions see section Accessories W-Series.

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/50 GE	24	10	1693890000
	Current [A]		
	Width [mm]		
WAP WDK2.5	1.5	20	1059100000
WAP WDK2.5 BL	1.5	20	1059180000
WTW EN	1.5	20	1058800000
	Width [mm]		
WEW-35/2	8	100	1061200000
WAD 4 GE BED		50	1072000000
WAD 4 WS		50	1072100000
WS 8/5 / DEK 5			

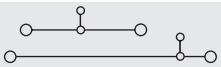
Test plug and socket see section Accessories W-series

WDK 2.5 — 2.5 mm²

Screwable cross-connection



5.1 x 69 x 63
32 / 4
0.13 ... 4



IEC 60947-7-1 — EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
400	300	300	275
24	20	10	21
2.5	AWG 22 ...12	AWG 26...12	2.5
6 / 3			
A3 / V-0			

KEMA 98ATEX1687 U

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

Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, Qty. 500)

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

Colour versions see section Accessories W-series 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	1.5	20	1058800000
	Width [mm]		
WEW-35/2	8	100	1061200000
WAD 4 GE BED		50	1072000000
WAD 4 WS		50	1072100000
WS 8/5 / DEK 5			

Test plug and socket see section Accessories W-series

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Delivery times see page X.2

Feed-through terminals

Standard design

Identical external profile for the 2.5mm² - 10mm² terminals enables the use of common endplates and partitions thus reducing stocking costs.

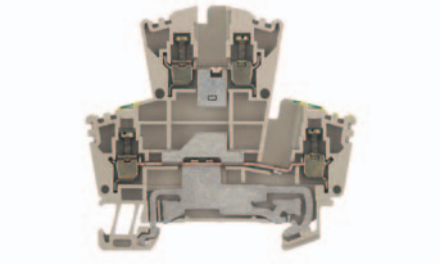
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

WDK 2.5 V — 2.5 mm²

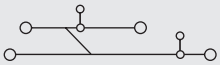
Both levels on one potential

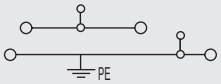
WDK 2.5 DU-PE — 2.5 mm²

Lower level earthed on mounting rail



		WDK 2.5 V	WDK 2.5 DU-PE
Width/Length/Height with TS35x7.5	mm	**5.1** x 69 x 63	**5.1** x 69 x 63
Max. current / max. cond. cross-section	A/mm²	**32 / 4**	**32 / 4**
Max. clamping range	mm²	**0.13 ... 4**	**0.13 ... 4**





Technical data

		WDK 2.5 V				WDK 2.5 DU-PE			
		IEC 60947-7-1			EEx e II T II 2 G D	IEC 60947-7-1 (-7-2)			EEx e II T II 2 G D
Rated data		**IEC**	**UL**	**CSA**	**EN 50019**	**IEC**	**UL**	**CSA**	**EN 50019**
Rated voltage	V	400	300	300	275	400	300	300	275
Rated current	A	24	20	10	21	24	20	10	21
Rated cross-section	mm²	2.5	AWG 22 ...12	AWG 26...12	2.5	2.5	AWG 22 ...12	AWG 26...12	2.5
Rated impulse voltage / Pollution severity	kV/-	6 / 3				6 / 3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		A3 / V-0				A3 / V-0			
Approvals					KEMA 98ATEX1687 U				KEMA 98ATEX1687 U
Clampable conductors (H05V/H07V)		**Rated connection**		**Additional connection**		**Rated connection**		**Additional connection**	
Solid / stranded	mm²	0.5...4 / 1.5...4				0.5...4 / 1.5...4			
Flexible / flexible w. wire end ferrule	mm²	0.5...4 / 0.5...2.5				0.5...4 / 0.5...2.5			
Tightening torque range (clamping screw)	Nm	0.4...0.6 (M 2.5)				0.4...0.6 (M 2.5)			
Stripping length / blade size	mm / -	10 / 3.5 x 0.6				10 / 3.5 x 0.6			
2 clampable conductors of equal cross-section									
Solid / stranded	mm²	0.5...1.5				0.5...1.5			
Flexible / flexible w. wire end ferrule	mm²	0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
Information		Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, Qty. 500)				Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, Qty. 500)			

Ordering data

Version	WDK 2.5V	WDK 2.5DU-PE
	Type / **Qty.** / **Order No.**	**Type** / **Qty.** / **Order No.**
dark beige Wemid	WDK 2.5V / 100 / 1022300000	WDK 2.5DU-PE / 100 / 1036400000
blue Wemid	WDK 2.5V BL / 100 / 1022380000	
Information	Colour versions see section Accessories W-series Specific functions	

Accessories

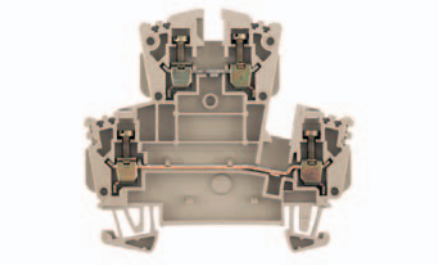
		WDK 2.5 V				WDK 2.5 DU-PE			
Cross-connection, pluggable		**Type**	**Current [A]**	**Qty.**	**Order No.**	**Type**	**Current [A]**	**Qty.**	**Order No.**
(ZQV 2.5N/4)	2-pole								
	3-pole								
	4-pole								
	10-pole								
	41-/50-pole								
Cross-connection, screwable			**Current [A]**				**Current [A]**		
(WQV 2.5-3)	2-pole	WQV 2.5/2	32	50	1053660000	WQV 2.5/2	32	50	1053660000
	3-pole	WQV 2.5/3	32	50	1053760000	WQV 2.5/3	32	50	1053760000
	4-pole	WQV 2.5/4	32	50	1053860000	WQV 2.5/4	32	50	1053860000
	10-pole	WQV 2.5/10	32	20	1054460000	WQV 2.5/10	32	20	1054460000
End plate / partition			**Width [mm]**				**Width [mm]**		
End plate	dark beige Wemid	WAP WDK2.5	1.5	20	1059100000	WAP WDK2.5	1.5	20	1059100000
	blue Wemid	WAP WDK2.5 BL	1.5	20	1059180000	WAP WDK2.5 BL	1.5	20	1059180000
Partition	dark beige Wemid	WTW EN	1.5	20	1058800000	WTW EN	1.5	20	1058800000
	blue Wemid								
End bracket			**Width [mm]**				**Width [mm]**		
	dark beige	WEW-35/2	8	100	1061200000	WEW-35/2	8	100	1061200000
Testing									
For testing of wired terminal strips	Standard version								
	With spigot								
Cover									
	With elec. shock warn. symbol	WAD 4 GE BED		50	1072000000	WAD 4 GE BED		50	1072000000
	neutral	WAD 4 WS		50	1072100000	WAD 4 WS		50	1072100000
Marking systems (see large assortment in chapter M)									
	Tags	WS 8/5 / DEK 5				WS 8/5 / DEK 5			
For detailed information on additional accessories and usage instructions see chapter accessories.		Test plug and socket see section Accessories W-series				Test plug and socket see section Accessories W-series			

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Feed-through terminals

WDK 2.5 EX — 2.5 mm²

Rated voltage 800V



6.1 x 69 x 63
32 / 4
0.13 ... 4

IEC 60947-7-1

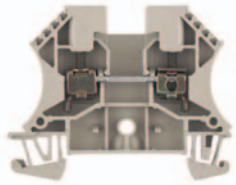
IEC	UL	CSA	EN 50019
800			
24			
2.5			
8 / 3			
A3 / V-0			

Rated connection	Additional connection
0.5…4 / 1.5…4	
0.5…4 / 0.5…2.5	
0.4…0.6 (M 2.5)	
10 / 3.5 x 0.6	
0.5…1.5	
0.5…1.5 / 0.5…1.5	

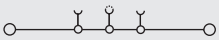
Type	Qty.	Order No.
WDK 2.5/EX	100	1029100000

Type	Current [A]	Qty.	Order No.
Current [A]			
Q 2 AKZ4SS	24	50	**0369000000**
Q 3 AKZ4SS	24	50	**0369100000**
Q 4 AKZ4SS	24	50	**0369200000**
Q 10 AKZ4SS	24	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 / DEK 6			

WDU 4 — 4 mm²



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



IEC 60947-7-1 — EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
800	600	600	750
32	35	35	28
4	AWG 22 …10	AWG 26…10	4
8 / 3			
A4 / V-0			

KEMA 98ATEX1683 U

Rated connection	Additional connection
0.5…6 / 1.5…6	
0.5…6 / 0.5…4	
0.5…1.0 (M 3)	
10 / 3.5 x 0.6	
0.5…2.5	
0.5…1.5 / 0.5…1.5	

Mind the max. current of the terminal (41A) when using the cross-connection WQV!

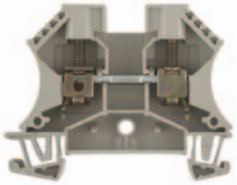
Type	Qty.	Order No.
WDU 4	100	1020100000
WDU 4 BL	100	1020180000

Rated voltage 400V when using cross-connection ZQV
Colour-versions see section Accessories W-Series.

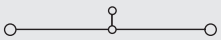
Type	Current [A]	Qty.	Order No.
ZQV 4N/2	32	60	1758250000
ZQV 4N/3	32	60	1762630000
ZQV 4N/4	32	60	1762620000
ZQV 4N/10	32	20	1758260000
ZQV 4N/41	32	10	1758270000
Current [A]			
WQV 4/2	41	50	1051960000
WQV 4/3	41	50	1054560000
WQV 4/4	41	50	1054660000
WQV 4/10	41	20	1052060000
Width [mm]			
WAP 2.5-10	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 MIT BLITZZEICHEN		50	1053460000
WAD 5 NEUTRAL		50	1056060000
DEK 6 / WS 12/6			

Test plug and socket see section Accessories W-series

WDU 6 — 6 mm²



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



IEC 60947-7-1 — EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
800	600	600	550
41	50	45	36
6	AWG 22 …8	AWG 20…8	6
8 / 3			
A5 / V-0			

KEMA 98ATEX1683 U

Rated connection	Additional 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	

Mind the max. current of the terminal (57A) when using the cross-connection WQV!

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

Colour versions see section Accessories W-series 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
WAD 8 MIT BLITZZEICHEN		50	1053560000
WAD 8 NEUTRAL		50	1056160000
DEK 8 / WS 12/6,5			

Test plug and socket see section Accessories W-series

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Feed-through terminals

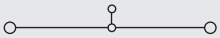
Standard design

Identical external profile for the 2.5mm² - 10mm² terminals enables the use of common endplates and partitions thus reducing stocking costs.

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.

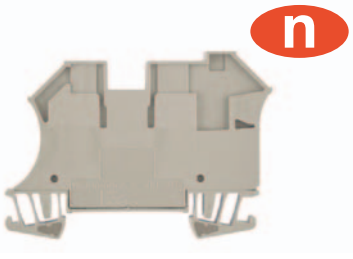
WDU 10 — 10 mm²

Width/Length/Height with TS35x7.5	mm	**9.9** x 60 x 47
Max. current / max. cond. cross-section	A/mm²	**76 / 16**
Max. clamping range	mm²	**0.82 ... 16**



WDU 10/ZR — 10 mm²

Supplementary connection, right (4mm²)



Width/Length/Height with TS35x7.5	mm	**9.9** x 70 x 49.5
Max. current / max. cond. cross-section	A/mm²	**76 / 16**
Max. clamping range	mm²	**1.31 ... 16**

Technical data

IEC 60947-7-1 — EEx e II Ex T II 2 G D

Rated data	IEC	UL	CSA	EN 50019
Rated voltage (V)	1000	600	600	550
Rated current (A)	57	65	65	50
Rated cross-section (mm²)	10	AWG 18 ...6	AWG 16...6	10
Rated impulse voltage / Pollution severity (kV/-)		8 / 3		
Plug gauge IEC 60-947-1 / flammability class acc. UL94		B6 / V-0		
Approvals			KEMA 98ATEX1683 U	

Clampable conductors (H05V/H07V)	Rated connection	Additional connection
Solid / stranded (mm²)	1.5...16 / 1.5...16	
Flexible / flexible w. wire end ferrule (mm²)	1.5...16 / 1.5...16	
Tightening torque range (clamping screw) (Nm)	1.2...2.4 (M 4)	
Stripping length / blade size (mm / -)	12 / 5.5 x 1.0	
2 clampable conductors of equal cross-section		
Solid / stranded (mm²)	1...6	
Flexible / flexible w. wire end ferrule (mm²)	1...6 / 1...6	

Information

Mind the max. current of the terminal (76A) when using the cross-connection WQV!

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 50019
Rated voltage (V)	800	600	600	
Rated current (A)	57	65	65	
Rated cross-section (mm²)	10	AWG 16 ...6	AWG 16...6	
Rated impulse voltage / Pollution severity (kV/-)		8 / 3		
Plug gauge IEC 60-947-1 / flammability class acc. UL94		B6 / A4 / V-0		

Clampable conductors (H05V/H07V)	Rated connection	Additional connection
Solid / stranded (mm²)	1.5...16 / 1.5...16	0.5...6 / 1.5...4
Flexible / flexible w. wire end ferrule (mm²)	1.5...16 / 1.5...16	0.5...4 / 0.5...4
Tightening torque range (clamping screw) (Nm)	1.2...2.4 (M 4)	0.6...0.8 (M 3)
Stripping length / blade size (mm / -)	12 / 5.5 x 1.0	9 / 3.5 x 0.6
2 clampable conductors of equal cross-section		
Solid / stranded (mm²)	1...6	0.5...1.5
Flexible / flexible w. wire end ferrule (mm²)	1...6 / 1...6	0.5...1.5 / 0.5...1.5

Information

Mind the max. current of the terminal (76A) when using the cross-connection WQV! Supplementary connection on top right (4mm²)

Ordering data

Version	Type	Qty.	Order No.
dark beige Wemid	WDU 10	50	1020300000
blue Wemid	WDU 10 BL	50	1020380000

Colour versions see section Accessories W-series

Version	Type	Qty.	Order No.
dark beige Wemid	WDU 10/ZR	50	1042400000
blue Wemid	WDU 10/ZR BL	50	1042480000

Rated data refer to the 10mm² connection. ATEX-approval in preparation.

Accessories

Cross-connection, pluggable	Type	Current [A]	Qty.	Order No.
2-pole				
3-pole				
4-pole (ZQV 2.5N/4)				
10-pole				
41-/50-pole				
Cross-connection, screwable		**Current [A]**		
2-pole	WQV 10/2	76	50	1052560000
3-pole	WQV 10/3	63	50	1054960000
4-pole (WQV 2.5-3)	WQV 10/4	63	50	1055060000
10-pole	WQV 10/10	63	20	1052460000
End plate / partition		**Width [mm]**		
End plate dark beige Wemid	WAP 2.5-10	1.5	50	1050000000
blue Wemid	WAP 2.5-10 BL	1.5	50	1050080000
Partition dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5	20	1050100000
blue Wemid	WAP 16+35 WTW 2.5-10 BL	1.5	20	1050180000
End bracket		**Width [mm]**		
dark beige	WEW-35/2	8	100	1061200000
Testing				
For testing of wired terminal strips Standard version	WTA 5/1		25	1051260000
With spigot				
Cover				
With elec. shock warn. symbol	WAD 8 MIT BLITZZEICHEN		50	1053560000
neutral	WAD 8 NEUTRAL		50	1056160000
Marking systems (see large assortment in chapter M)				
Tags	WS 12/6,5 / DEK 5			

For detailed information on additional accessories and usage instructions see chapter accessories.

Test plug and socket see section Accessories W-series

Cross-connection, pluggable	Type	Current [A]	Qty.	Order No.
2-pole				
3-pole				
4-pole				
10-pole				
41-/50-pole				
Cross-connection, screwable		**Current [A]**		
2-pole	WQV 10/2	76	50	1052560000
3-pole	WQV 10/3	63	50	1054960000
4-pole	WQV 10/4	63	50	1055060000
10-pole	WQV 10/10	63	20	1052460000
End plate / partition		**Width [mm]**		
End plate dark beige Wemid				
blue Wemid				
Partition dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5	20	1050100000
blue Wemid	WAP 16+35 WTW 2.5-10 BL	1.5	20	1050180000
End bracket		**Width [mm]**		
dark beige	WEW-35/2	8	100	1061200000
Testing				
For testing of wired terminal strips Standard version	WTA 5/1		25	1051260000
With spigot				
Cover				
With elec. shock warn. symbol				
neutral				
Marking systems (see large assortment in chapter M)				
Tags	WS 12/6,5 / DEK 5			

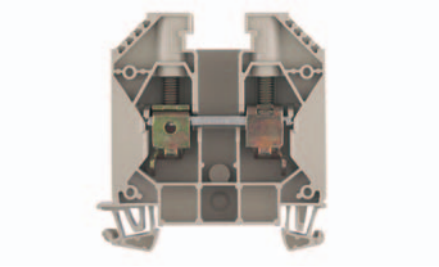
Test plug and socket see section Accessories W-series

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Feed-through terminals

WDU 16 — 16 mm²

With spigot for higher interconnection-stability



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

IEC 60947-7-1 — EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
1000	600	600	750
76	85	65	66
16	AWG 18 ...6	AWG 14...6	16
8 / 3			
B7 / V-0			

KEMA 98ATEX1683 U

Rated connection	Additional connection
1.5...16 / 1.5...25	
1.5...25 / 1.5...16	
2.0...4.0 (M 5)	
16 / 5.5 x 1.0	
1.5...6	
1.5...6 / 1.5...6	

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

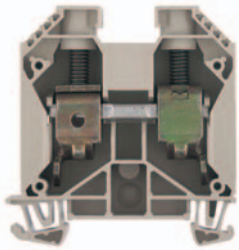
Order No. 1020400000 and 1020480000 (blue) versions without spigot (Qty. 50)

Type	Current [A]	Qty.	Order No.
	Current [A]		
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	12.2	50	1059000000
WAD 12 M. BLITZZEICHEN		50	1055960000
WAD 12 NEUTRAL		50	1056260000
WS 12/6,5 / DEK 5			

Test plug and socket see section Accessories W-series

WDU 35 — 35 mm²

Clamping screw / spigot (intercon.-stability)



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

IEC 60947-7-1 — EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
1000	600	600	750
125	115	120	109
35	AWG 12 ...2	AWG 12...2	35
8 / 3			
B8 / V-0			

KEMA 98ATEX1683 U

Rated connection	Additional connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
2.5...5.0 (M 6)	
18 / 6.5 x 1.2	
2.5...10 / 16...16	
2.5...16 / 2.5...16	

50mm² stranded conductor has to be connected with 4Nm

Type	Qty.	Order No.
WDU 35/ZA	40	1028800000
WDU 35/ZA BL	40	1028880000

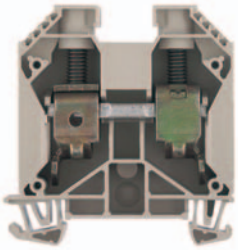
Order No. 1020500000 and 1020580000 (blue) versions without spigot (Qty. 40)

Type	Current [A]	Qty.	Order No.
	Current [A]		
WQV 35/2	138	50	1053060000
WQV 35/3	112	50	1055360000
WQV 35/4	112	50	1055460000
WQV 35/10	112	10	1053160000
	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	12.2	50	1059000000
WAD 12 M. BLITZZEICHEN		50	1055960000
WAD 12 NEUTRAL		50	1056260000
WS 12/6,5 / DEK 5			

Test plug and socket see section Accessories W-series

WDU 35 IK — 35 mm²

Hex. socket screw / spigot (intercon.-stab.)



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

IEC 60947-7-1

IEC	UL	CSA	EN 50019
1000	600	600	
125	115	120	
35	AWG 12 ...2	AWG 12...2	
8 / 3			
B8 / V-0			

Rated connection	Additional connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
3.0...6.0 (hexagon) (M 6)	
18 / S6 (DIN 6911)	
2.5...10 / 16...16	
2.5...16 / 2.5...16	

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 (Qty. 25)

Type	Current [A]	Qty.	Order No.
	Current [A]		
WQV 35/2	138	50	1053060000
WQV 35/3	112	50	1055360000
WQV 35/4	112	50	1055460000
WQV 35/10	112	10	1053160000
	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	12.2	50	1059000000
WAD 12 M. BLITZZEICHEN		50	1055960000
WAD 12 NEUTRAL		50	1056260000
WS 12/6,5 / DEK 5			

Test plug and socket see section Accessories W-series

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

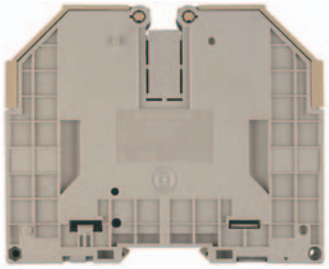
Feed-through terminals

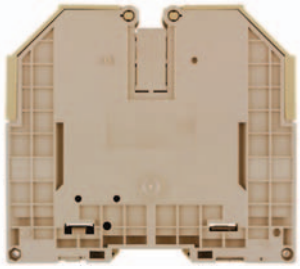
Standard design

Identical external profile for the 2.5mm² - 10mm² terminals enables the use of common endplates and partitions thus reducing stocking costs.

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.

		WDU 70/95	WDU 120/150
		95 mm²	150 mm²
		Conductor insertable from above	Conductor insertable from above
Width/Length/Height with TS35x7.5	mm	**27** x 132 x 108	**32** x 132 x 118
Max. current / max. cond. cross-section	A/mm²	**232 / 120**	**309 / 150**
Max. clamping range	mm²	**13.3 ... 120**	**33.62 ... 150**





Technical data

		WDU 70/95				WDU 120/150			
		IEC 60947-7-1			EEx e II T II 2 G D	IEC 60947-7-1			EEx e II T II 2 G D
Rated data		**IEC**	**UL**	**CSA**	**EN 50019**	**IEC**	**UL**	**CSA**	**EN 50019**
Rated voltage	V	1000	600	600	750	1000	600	600	1100
Rated current	A	232	175	205	202	309	225	285	234
Rated cross-section	mm²	95	AWG 6 ...2/0	AWG 6...2/0	95	150	AWG 2 ...250 kcmil	AWG 2...250 kcmil	150
Rated impulse voltage / Pollution severity	kV/-	8 / 3				8 / 3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		B12 / V-0				B13 / V-0			
Approvals					KEMA 98ATEX1686 U				KEMA 98ATEX1686 U
Clampable conductors (H05V/H07V)		**Rated connection**		**Additional connection**		**Rated connection**		**Additional connection**	
Solid / stranded	mm²	16...16 / 16...120				/ 35...150			
Flexible / flexible w. wire end ferrule	mm²	16...95 / 16...95				35...150 / 35...95			
Tightening torque range (clamping screw)	Nm	6.0...12 (hexagon) (M 8)				10...20 (hexagon) (M 10)			
Stripping length / blade size	mm / -	30 / S6 (DIN 6911)				35 / S6 (DIN 6911)			
2 clampable conductors of equal cross-section									
Solid / stranded	mm²	16...16 / 16...35				/ 35...70			
Flexible / flexible w. wire end ferrule	mm²	16...35 / 16...35				35...70 / 35...70			
Information		95 and 120mm² have to be connected with at least 10Nm.							

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige Wemid	WDU 70/95	10	1024600000	WDU 120/150	10	1024500000
	blue Wemid	WDU 70/95 BL	10	1024680000	WDU 120/150/ BL	10	1024580000
Information		For details on the connection of the conductor and on direct mounting see section Accessories W-Series			For details on the connection of the conductor and on direct mounting see section Accessories W-Series		

Accessories

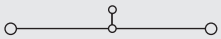
		Type	Current [A]	Qty.	Order No.	Type	Current [A]	Qty.	Order No.
Cross-connection, pluggable									
(ZQV 2.5N/4)	2-pole								
	3-pole								
	4-pole								
	10-pole								
	41-/50-pole								
Cross-connection, screwable			**Current [A]**				**Current [A]**		
(WQV 2.5-3)	2-pole	WQV 70/95/2	232	5	1063500000	WQV 120/2	292	5	1063300000
	3-pole	WQV 70/95/3	232	5	1063600000	WQV 120/3	292	5	1063400000
	4-pole								
	10-pole								
End plate / partition			**Width [mm]**				**Width [mm]**		
End plate	dark beige Wemid								
	blue Wemid								
Partition	dark beige Wemid								
	blue Wemid								
End bracket			**Width [mm]**				**Width [mm]**		
	dark beige	WEW 35/1	12.2	50	1059000000	WEW 35/1	12.2	50	1059000000
Testing									
For testing of wired terminal strips	Standard version								
	With spigot								
Cover									
	With elec. shock warn. symbol	WAD 27 M. BLITZZEICHEN		10	1062860000	WAD 27 M. BLITZZEICHEN		10	1062860000
	neutral	WAD 27 NEUTRAL		10	1062960000	WAD 27 NEUTRAL		10	1062960000
Marking systems (see large assortment in chapter M)									
	Tags	WS 12/6,5 / DEK 5				WS 12/6,5 / DEK 5			
For detailed information on additional accessories and usage instructions see chapter accessories.		**Auxillary connection for additional conductor WZAD 70 Order no. 1066000000** (up to 4mm², 32A). Test plug see accessories.				**Auxillary connection for additional conductor WZAD 120 Order No.166100000** (up to 4mm², 32A). Test plug see accessories.			

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Feed-through terminals

WDU 240 — 240 mm²

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



IEC 60947-7-1 — EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
1000	600	600	750
415	380	400	300
240	...500 MCMAWG 1/0...500 MCM		240
8 / 3			
B15 / V-0			

KEMA 01ATEX2186 U

Rated connection	Additional connection
/ 70...240	
70...240 / 70...185	
10...20 (hexagon) (M 10)	
40 / S8 (DIN 6911)	
/ 35...95	
50...95 / 35...50	

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

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	12.2	50	1059000000

DEK 5/5 / WS 12/6,5

Auxillary connection for additional conductor WZAD 240 Order 1802810000 (up to 10mm², 57A). Test plug see accessories.

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

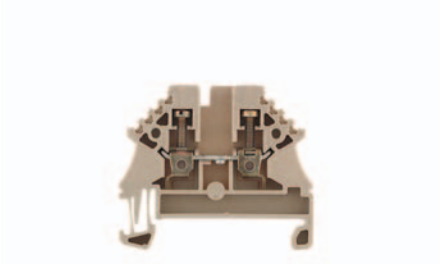
Feed-through terminals

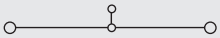
Compact design

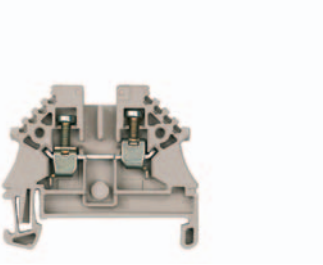
The compact design of these protective conductor terminals makes them the obvious choice in confined spaces.

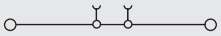
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

		WDU 2.5N	WDU 2.5N/ZQV
		2.5 mm²	2.5 mm²
		With screwable cross-connection	With pluggable cross-connection
Width/Length/Height with TS35x7.5	mm	**5.1** x 44 x 37.5	**5.1** x 44 x 37.5
Max. current / max. cond. cross-section	A/mm²	**32 / 4**	**32 / 4**
Max. clamping range	mm²	**0.13 ... 4**	**0.13 ... 4**









Technical data

		WDU 2.5N				WDU 2.5N/ZQV			
		IEC 60947-7-1		EEx e II Ex T II 2 G D		IEC 60947-7-1			
Rated data		**IEC**	**UL**	**CSA**	**EN 50019**	**IEC**	**UL**	**CSA**	**EN 50019**
Rated voltage	V	500	300	300	420	500	300	300	
Rated current	A	24	10	10	21	24	20	20	
Rated cross-section	mm²	2.5	AWG 22 ...12	AWG 26...12	2.5	2.5	AWG 22 ...12	AWG 26...12	
Rated impulse voltage / Pollution severity	kV/-	6 / 3				6 / 3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		A3 / V-0				A3 / V-0			
Approvals				KEMA 98ATEX1683 U					
Clampable conductors (H05V/H07V)		**Rated connection**		**Additional connection**		**Rated connection**		**Additional connection**	
Solid / stranded	mm²	0.5...4 / 1.5...4				0.5...4 / 1.5...4			
Flexible / flexible w. wire end ferrule	mm²	0.5...4 / 0.5...2.5				0.5...4 / 0.5...2.5			
Tightening torque range (clamping screw)	Nm	0.4...0.6 (M 2.5)				0.4...0.6 (M 2.5)			
Stripping length / blade size	mm / -	10 / 3.5 x 0.6				10 / 3.5 x 0.6			
2 clampable conductors of equal cross-section									
Solid / stranded	mm²	0.5...1.5				0.5...1.5			
Flexible / flexible w. wire end ferrule	mm²	0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
Information		Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, Qty. 500)				Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, Qty. 500)			

Ordering data

Version	WDU 2.5N			WDU 2.5N ZQV		
	Type	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige Wemid	WDU 2.5N	100	1023700000	WDU 2.5N ZQV	100	1040800000
blue Wemid	WDU 2.5N BL	100	1023780000	WDU 2.5N ZQV BL	100	1040880000
Information	Colour versions see section Accessories W-series Specific functions			When using the cross-connection ZQV, the rated voltage is reduced to 400V.		

Accessories

		WDU 2.5N			WDU 2.5N/ZQV		
Cross-connection, pluggable		**Type**	**Current [A]**	**Qty.**	**Order No.**	**Type**	**Current [A]**	**Qty.**	**Order No.**
(ZQV 2.5N/4)	2-pole					ZQV 2.5N/2 GE	24	60	1693800000
	3-pole					ZQV 2.5N/3 GE	24	60	1693810000
	4-pole					ZQV 2.5N/4 GE	24	60	1693820000
	10-pole					ZQV 2.5N/10 GE	24	20	1693880000
	41-/50-pole					ZQV 2.5N/50 GE	24	10	1693890000
Cross-connection, screwable			**Current [A]**				**Current [A]**		
(WQV 2.5-3)	2-pole	WQV 2.5/2	32	50	1053660000				
	3-pole	WQV 2.5/3	32	50	1053760000				
	4-pole	WQV 2.5/4	32	50	1053860000				
	10-pole	WQV 2.5/10	32	20	1054460000				
End plate / partition			**Width [mm]**				**Width [mm]**		
End plate	dark beige Wemid	WAP WDU2.5N/4N	1.5	50	1060000000	WAP WDU2.5N/4N	1.5	50	1060000000
	blue Wemid	WAP WDU2.5N/4N BL	1.5	50	1060080000	WAP WDU2.5N/4N BL	1.5	50	1060080000
Partition	dark beige Wemid								
	blue Wemid								
End bracket			**Width [mm]**				**Width [mm]**		
	dark beige	EW 35	8.5	50	0383560000	EW 35	8.5	50	0383560000
Testing									
For testing of wired terminal strips	Standard version	WTA 1 WDU1.5		25	**1632290000**	WTA 1 WDU1.5		25	**1632290000**
	With spigot	WTA 1/ZA WDU1.5		25	**1632300000**	WTA 1/ZA WDU1.5		25	**1632300000**
Cover									
	With elec. shock warn. symbol	WAD 4 GE BED		50	1072000000	WAD 4 GE BED		50	1072000000
	neutral	WAD 4 WS		50	1072100000	WAD 4 WS		50	1072100000
Marking systems (see large assortment in chapter M)									
	Tags	WS 12/5 / DEK 5				WS 12/5 / DEK 5			
For detailed information on additional accessories and usage instructions see chapter accessories.		Socket, test plug and screen plug see chapter accessories							

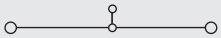
Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Feed-through terminals

WDU 2.5N/600 UL — 2.5 mm²

600V UL/CSA

5.1 x 44 x 43.5
32 / 4
0.13 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 50019
800	600	600	
24	25	20	
2.5	AWG 22 ...12	AWG 26...12	
8 / 3			
A3 / V-0			

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

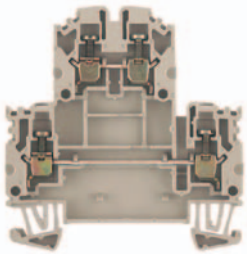
Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, Qty. 500)

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

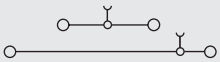
Type	Current [A]	Qty.	Order No.
	Current [A]		
WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/10	32	20	1054460000
	Width [mm]		
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5	20	1050180000
	Width [mm]		
EW 35	8.5	50	0383560000
WTA 1 WDU1.5		25	**1632290000**
WTA 1/ZA WDU1.5		25	**1632300000**
WAD 4 GE BED		50	1072000000
WAD 4 WS		50	1072100000
WS 12/5 / DEK 5			

Socket and test plug see chapter accessories

WDK 2.5N — 2.5 mm²



5.1 x 60.7 x 62.5
28 / 4
0.13 ... 4



IEC 60947-7-1 — EEx e II Ex T II 2 G D

IEC	UL	CSA	EN 50019
800	600	300	550
24	20	20	21
2.5	AWG 26 ...12	AWG 26...12	2.5
8 / 3			
A3 / V-0			

KEMA 00ATEX2061 U

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

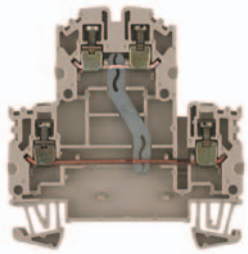
When using the cross-connection ZQV 2.5N, the rated voltage is reduced to 400V.

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

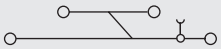
Type	Current [A]	Qty.	Order No.
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000
ZQV 2.5N/50 GE	24	10	1693890000
	Current [A]		
	Width [mm]		
WAP WDK2.5/4 N	1.5	20	1084000000
WTW EN	1.5	20	1058800000
	Width [mm]		
WEW-35/2	8	100	1061200000
DEK 5 / WS 8/5			

WDK 2.5N V — 2.5 mm²

Both levels on one potential



5.1 x 60.7 x 62.5
28 / 4
0.13 ... 4



IEC 60947-7-1 — EEx e II Ex T II 2 G D

IEC	UL	CSA	EN 50019
800	600	300	550
24	20	20	21
2.5	AWG 26 ...12	AWG 26...12	2.5
8 / 3			
A3 / V-0			

KEMA 00ATEX2061 U

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

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

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

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/50 GE	24	10	1693890000
	Current [A]		
	Width [mm]		
WAP WDK2.5/4 N	1.5	20	1084000000
WTW EN	1.5	20	1058800000
	Width [mm]		
WEW-35/2	8	100	1061200000
DEK 5 / WS 8/5			

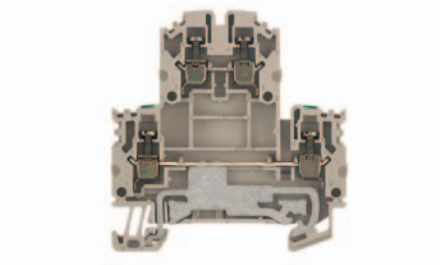
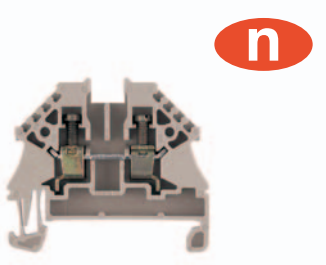
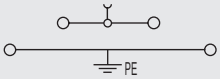
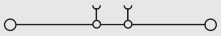
Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Feed-through terminals

Compact design

The compact design of these protective conductor terminals makes them the obvious choice in confined spaces.

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.

		WDK 2.5N DU-PE	2.5 mm²	WDU 4N	4 mm²
		Lower level earthed on mounting rail			
					
Width/Length/Height with TS35x7.5	mm	**5.1** x 60.7 x 62.5		**6.1** x 44 x 38.5	
Max. current / max. cond. cross-section	A/mm²	**28 / 4**		**39 / 6**	
Max. clamping range	mm²	**0.13 ... 4**		**0.13 ... 6**	

Technical data

		IEC 60947-7-1 (-7-2) EEx e II T II 2 G D				IEC 60947-7-1			
Rated data		**IEC**	**UL**	**CSA**	**EN 50019**	**IEC**	**UL**	**CSA**	**EN 50019**
Rated voltage	V	800	600	300	550	500	300	300	
Rated current	A	24	20	20	21	32	10	10	
Rated cross-section	mm²	2.5	AWG 26 ...12	AWG 26...12	2.5	4	AWG 26 ...12	AWG 26...10	
Rated impulse voltage / Pollution severity	kV/-	8 / 3				6 / 3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		A3 / V-0				A4 / V-0			
Approvals		KEMA 00ATEX2061 U							
Clampable conductors (H05V/H07V)		**Rated connection**		**Additional connection**		**Rated connection**		**Additional connection**	
Solid / stranded	mm²	0.5...4 / 1.5...4				0.5...6 / 1.5...6			
Flexible / flexible w. wire end ferrule	mm²	0.5...4 / 0.5...2.5				0.5...4 / 0.5...4			
Tightening torque range (clamping screw)	Nm	0.4...0.6 (M 2.5)				0.5...1.0 (M 3)			
Stripping length / blade size	mm / -	8 / 3.5 x 0.6				10 / 3.5 x 0.6			
2 clampable conductors of equal cross-section									
Solid / stranded	mm²	0.5...1.5				0.5...1.5			
Flexible / flexible w. wire end ferrule	mm²	0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
Information		When using the cross-connection ZQV, the rated voltage is reduced to 400V.				Approval cURus. 2 conductors 1.5mm² solid have to be connected at 0.6 Nm.			

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige Wemid	WDK 2.5N DU-PE	100	**1041650000**	WDU 4N	100	1042600000
	blue Wemid				WDU 4N BL	100	1042680000
Information							

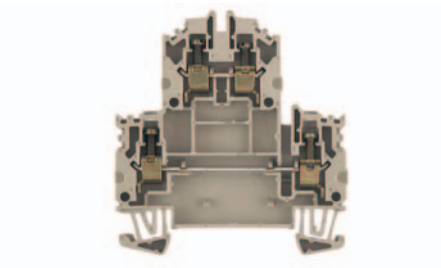
Accessories

Cross-connection, pluggable		Type	Current [A]	Qty.	Order No.	Type	Current [A]	Qty.	Order No.
(ZQV 2.5N/4)	2-pole	ZQV 2.5N/2 GE	24	60	1693800000	ZQV 4N/2	32	60	1758250000
	3-pole	ZQV 2.5N/3 GE	24	60	1693810000	ZQV 4N/3	32	60	1762630000
	4-pole	ZQV 2.5N/4 GE	24	60	1693820000	ZQV 4N/4	32	60	1762620000
	10-pole	ZQV 2.5N/10 GE	24	20	1693880000	ZQV 4N/10	32	20	1758260000
	41-/50-pole	ZQV 2.5N/50 GE	24	10	1693890000	ZQV 4N/41	32	10	1758270000
Cross-connection, screwable			**Current [A]**				**Current [A]**		
(WQV 2.5-3)	2-pole								
	3-pole								
	4-pole								
	10-pole								
End plate / partition			**Width [mm]**				**Width [mm]**		
End plate	dark beige Wemid	WAP WDK2.5/4 N	1.5	20	1084000000	WAP WDU2.5N/4N	1.5	50	1060000000
	blue Wemid					WAP WDU2.5N/4N BL	1.5	50	1060080000
Partition	dark beige Wemid	WTW EN	1.5	20	1058800000				
	blue Wemid								
End bracket			**Width [mm]**				**Width [mm]**		
	dark beige	WEW-35/2	8	100	1061200000	EW 35	8.5	50	0383560000
Testing									
For testing of wired terminal strips	Standard version					WTA 1 WDU1.5		25	**1632290000**
	With spigot					WTA 1/ZA WDU1.5		25	**1632300000**
Cover									
	With elec. shock warn. symbol					WAD 4 GE BED		50	1072000000
	neutral					WAD 4 WS		50	1072100000
Marking systems (see large assortment in chapter M)									
	Tags	DEK 5 / WS 8/5				WS 12/6 / DEK 6			
For detailed information on additional accessories and usage instructions see chapter accessories.									

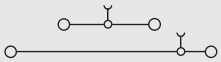
Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Feed-through terminals

WDK 4N — 4 mm²



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



IEC 60947-7-1 — EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
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	Additional connection
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...1.0 (M 3)	
8 / 3.5 x 0.6	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

Rated voltage 400V when using cross-connection ZQV
2 conductors 1.5mm² solid have to be connected at 0.6 Nm.

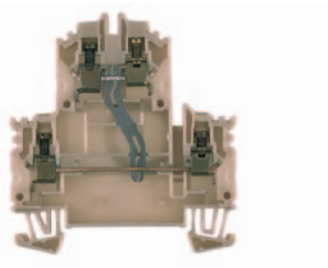
Type	Qty.	Order No.
WDK 4N	100	1041900000
WDK 4N BL	100	1041980000

Type	Current [A]	Qty.	Order No.
ZQV 4N/2	32	60	1758250000
ZQV 4N/3	32	60	1762630000
ZQV 4N/4	32	60	1762620000
ZQV 4N/10	32	20	1758260000
ZQV 4N/41	32	10	1758270000
	Current [A]		
	Width [mm]		
WAP WDK2.5/4 N	1.5	20	1084000000
WTW EN	1.5	20	1058800000
	Width [mm]		
WEW-35/2	8	100	1061200000

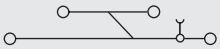
DEK 6 / WS 8/5

WDK 4N V — 4 mm²

Double deck terminal with internal cross-con.



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



IEC 60947-7-1 — EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
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	Additional connection
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...1.0 (M 3)	
8 / 3.5 x 0.6	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

Rated voltage 400V when using cross-connection ZQV
2 conductors 1.5mm² solid have to be connected at 0.6 Nm.

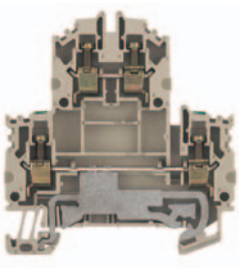
Type	Qty.	Order No.
WDK 4N V	100	1041910000

Type	Current [A]	Qty.	Order No.
ZQV 4N/2	32	60	1758250000
ZQV 4N/3	32	60	1762630000
ZQV 4N/4	32	60	1762620000
ZQV 4N/10	32	20	1758260000
ZQV 4N/41	32	10	1758270000
	Current [A]		
	Width [mm]		
WAP WDK2.5/4 N	1.5	20	1084000000
WTW EN	1.5	20	1058800000
	Width [mm]		
WEW-35/2	8	100	1061200000

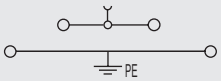
DEK 6 / WS 8/5

WDK 4N DU-PE — 4 mm²

Lower level earthed on mounting rail



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



IEC 60947-7-1 (-7-2) — EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
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	Additional connection
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...1.0 (M 3)	
8 / 3.5 x 0.6	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

Rated voltage 400V when using cross-connection ZQV
2 conductors 1.5mm² solid have to be connected at 0.6 Nm.

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

Type	Current [A]	Qty.	Order No.
ZQV 4N/2	32	60	1758250000
ZQV 4N/3	32	60	1762630000
ZQV 4N/4	32	60	1762620000
ZQV 4N/10	32	20	1758260000
ZQV 4N/41	32	10	1758270000
	Current [A]		
	Width [mm]		
WAP WDK2.5/4 N	1.5	20	1084000000
WTW EN	1.5	20	1058800000
	Width [mm]		
WEW-35/2	8	100	1061200000

DEK 6 / WS 8/5

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Feed-through terminals

Compact design

The compact design of these protective conductor terminals makes them the obvious choice in confined spaces.

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.

		WDU 16N	WDU 35N
		16 mm²	35 mm²
		Suitable for power distribution	Suitable for power distribution
Width/Length/Height with TS35x7.5	mm	**12** x 60 x 47	**16** x 66 x 51
Max. current / max. cond. cross-section	A/mm²	**101 / 25**	**150 / 50**
Max. clamping range	mm²	**1.5 ... 25**	**2.5 ... 50**

Technical data

		WDU 16N				WDU 35N			
Rated data		IEC 60947-7-1				IEC 60947-7-1			
		IEC	**UL**	**CSA**	**EN 50019**	**IEC**	**UL**	**CSA**	**EN 50019**
Rated voltage	V	690	300	300		500	300	300	
Rated current	A	76	70	70		125	10	10	
Rated cross-section	mm²	16	AWG 14 ...6	AWG 14...6		35	AWG 12 ...1	AWG 12...2	
Rated impulse voltage / Pollution severity	kV/-	8 / 3				6 / 3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		B7 / V-0				B8 / V-0			
Approvals									
Clampable conductors (H05V/H07V)		**Rated connection**		**Additional connection**		**Rated connection**		**Additional connection**	
Solid / stranded	mm²	1.5...16 / 1.5...25				2.5...16 / 2.5...50			
Flexible / flexible w. wire end ferrule	mm²	1.5...16 / 1.5...16				2.5...35 / 2.5...35			
Tightening torque range (clamping screw)	Nm	1.2...2.4 (M 4)				2.5...5.0 (M 6)			
Stripping length / blade size	mm / -	12 / 5.5 x 1.0				18 / 6.5 x 1.2			
2 clampable conductors of equal cross-section									
Solid / stranded	mm²	1.5...4				2.5...10 / 16...16			
Flexible / flexible w. wire end ferrule	mm²	1.5...4 / 1.5...4				2.5...16 / 2.5...16			
Information		25mm² stranded, have to be connected at 2.2 Nm.							

Ordering data

Version		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	dark beige Wemid	WDU 16N	50	1036100000	WDU 35N	20	1040400000
	blue Wemid	WDU 16N BL	50	1036180000	WDU 35N BL	20	1040480000
Information							

Accessories

Cross-connection, pluggable		**Type**	**Current [A]**	**Qty.**	**Order No.**	**Type**	**Current [A]**	**Qty.**	**Order No.**
(ZQV 2.5N/4)	2-pole								
	3-pole								
	4-pole								
	10-pole								
	41-/50-pole								
Cross-connection, screwable			**Current [A]**				**Current [A]**		
(WQV 2.5-3)	2-pole	WQV 16N/2	76	50	1636560000	WQV 35N/2	115	20	1079200000
	3-pole	WQV 16N/3	57	50	1636570000	WQV 35N/3	100	20	1079300000
	4-pole	WQV 16N/4	57	50	1636580000	WQV 35N/4	100	20	1079400000
	10-pole								
End plate / partition			**Width [mm]**				**Width [mm]**		
End plate	dark beige Wemid								
	blue Wemid								
Partition	dark beige Wemid	WTW EN	1.5	20	1058800000	WTW EN	1.5	20	1058800000
	blue Wemid								
End bracket			**Width [mm]**				**Width [mm]**		
	dark beige	WEW-35/2	8	100	1061200000	WEW-35/2	8	100	1061200000
Testing									
For testing of wired terminal strips	Standard version	WTA 2 WDU2.5-10		25	1632320000				
	With spigot								
Cover									
	With elec. shock warn. symbol	WAD 12 M. BLITZZEICHEN		50	1055960000	WAD 16N GE BED			1083600000
	neutral	WAD 12 NEUTRAL		50	1056260000	WAD 16N WS			1083500000
Marking systems (see large assortment in chapter M)									
	Tags	WS 12/6,5 / DEK 5				WS 12/6,5 / DEK 5			
For detailed information on additional accessories and usage instructions see chapter accessories.									

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Feed-through terminals

WDU 50N — 50 mm²

18.5 x 70 x 70
192 / 70
5.26 ... 70

IEC 60947-7-1

IEC	UL	CSA	EN 50019
1000	600		
150	150		
50	AWG 10 …1/0		
8 / 3			
B10 / V-0			

Rated connection	Additional connection
10…16 / 10…70	
10…50 / 10…50	
3.5…6.0 (hexagon) (M 6)	
24 / S4 (DIN 6911)	
10…16 / 16…16	

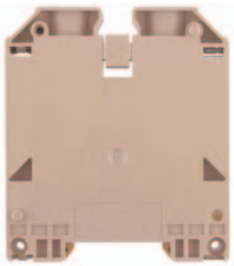
CSA- and ATEX-approval in preparation.

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

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	12.2	50	1059000000
WAD 20 GE		10	9512260000
WAD 20 WS		10	9512270000
WS 12/6,5 / DEK 5			

Additional auxillary connection (WZAD) see section accessories W-series Specific functions.

WDU 70N — 70 mm²



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

IEC 60947-7-1 — EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
1000	600	600	750
192	175	205	167
70	AWG 6 …2/0	AWG 8…2/0	70
8 / 3			
B11 / V-0			

KEMA 98ATEX1683 U

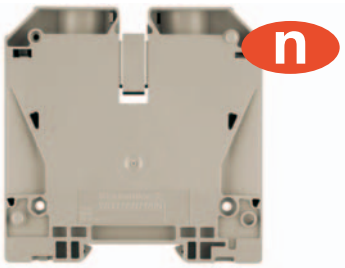
Rated connection	Additional connection
10…16 / 10…95	
10…70 / 10…70	
6.0…10 (hexagon) (M 8)	
22 / S6 (DIN 6911)	
/ 16…16	
16…16 / 16…16	

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

Type	Current [A]	Qty.	Order No.
	Current [A]		
WQV 70N/2	232	5	9512240000
WQV 70N/3	232	5	9512250000
WQV 70N/4	232	5	9531290000
	Width [mm]		
	Width [mm]		
WEW 35/1	12.2	50	1059000000
WAD 20 GE		10	9512260000
WAD 20 WS		10	9512270000
WS 12/6,5 / DEK 5			

Additional auxillary connection (WZAD) and test plug (PS) see section accessories W-series.

WDU 95N/120N — 120 mm²



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

IEC 60947-7-1

IEC	UL	CSA	EN 50019
1000			
269			
120			
8 / 3			
B13 / V-0			

Rated connection	Additional connection
16…16 / 16…150	
16…120 / 16…95	
10…20 (hexagon) (M 10)	
27 / S6 (DIN 6911)	

UL, CSA- and ATEX-approval in preparation.

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

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	12.2	50	1059000000
WAD 20 GE		10	9512260000
WAD 20 WS		10	9512270000
DEK 5 / WS 12/6,5			

Additional auxillary connection (WZAD) and test plug (PS) see section accessories W-series.

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

PE terminals

Standard design

Identical external profile for the 2.5mm² - 10mm² terminals enables the use of common endplates and partitions thus reducing stocking costs.

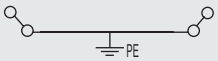
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height with TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

WPE 1.5/ZZ — 1.5 mm²

Supplementary connection left and right

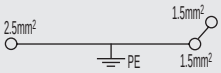
5.1 x 60 x 47
/ 2.5
0.13 ... 2.5



WPE 2.5/1.5/ZR — 2.5 mm²

Supplementary connection, right (1.5mm²)

5.1 x 60 x 47
/ 4
0.13 ... 4



Technical data

		WPE 1.5/ZZ				WPE 2.5/1.5/ZR			
		IEC 60947-7-2			EEx e II T II 2 G D	IEC 60947-7-2			EEx e II T II 2 G D
Rated data		**IEC**	**UL**	**CSA**	**EN 50019**	**IEC**	**UL**	**CSA**	**EN 50019**
Rated cross-section	mm²	1.5	AWG 22 ...14	AWG 26...14	1.5	2.5	AWG 22 ...12	AWG 26...12	2.5
Rated voltage for adjacent terminal	V	800				800			
Rated impulse voltage for adjacent terminal	kV	8				8			
Short-time current resistant	A	180 A (1.5mm²)				300 A (2.5 mm²)			
Pollution severity		3				3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		A1 / V-0				A3 / V-0			
Approvals					KEMA 98ATEX1685 U				KEMA 98ATEX1685 U
Clampable conductors (H05V/H07V)		**Rated connection**		**Additional connection**		**Rated connection**		**Additional connection**	
Solid / stranded	mm²	0.5...2.5 / 1.5...2.5				0.5...4 / 1.5...4		0.5...2.5 / 1.5...2.5	
Flexible / flexible w. wire end ferrule	mm²	0.5...1.5 / 0.5...1.5				0.5...4 / 0.5...2.5		0.5...1.5 / 0.5...1.5	
Tightening torque range (clamping screw)	Nm	0.4...0.6 (M 2.5)				0.4...0.8 (M 2.5)		0.4...0.6 (M 2.5)	
Tightening torque range (fixing screw)	Nm	0.4...0.8 (M 2.5)				0.4...0.8 (M 2.5)			
Stripping length / blade size	mm / -	7 / 3.5 x 0.6				10 / 3.5 x 0.6		7 / 3.5 x 0.6	
2 clampable conductors of equal cross-section									
Solid / stranded	mm²	0.5...1				0.5...1.5		0.5...1	
Flexible / flexible w. wire end ferrule	mm²	0.5...1 / 0.5...0.75				0.5...1.5 / 0.5...1.5		0.5...1 / 0.5...0.75	
Information						Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, Qty. 500)			

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
green/yellow Wemid	WPE 1.5/ZZ	100	1016500000	WPE 2.5/1.5/ZR	100	1016400000
Information				Technical data for supplementary connection, right (1.5mm²)		

Accessories

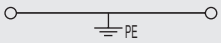
		Type	Width [mm]	Qty.	Order No.	Type	Width [mm]	Qty.	Order No.
End plate	dark beige Wemid	WAP 2.5-10	1.5	50	1050000000	WAP 2.5-10	1.5	50	1050000000
End bracket			**Width [mm]**				**Width [mm]**		
	dark beige / beige	WEW-35/2	8	100	1061200000	WEW-35/2	8	100	1061200000
Test adapter									
For testing of wired terminal strips	Standard version								
	With spigot								
Screwdriver									
	w. cutting device "swifty set"								
	Standard version	SD 0.6X3.5X100		10	9008330000	SD 0.6X3.5X100		10	9008330000
Reducing sleeves									
	for conductors < 0.5 mm² / < AWG 20								
	for conductors < 1.0 mm² / < AWG 18								
PEN-bridge									
Insertable in distributor TN-S net between N- and PE-terminal									
Marking systems (see large assortment in chapter M)									
	Tags	WS 12/5 / DEK 5				WS 12/5 / DEK 5			
For detailed information on additional accessories and usage instructions see chapter accessories.		Rail support for insulated installation of the mounting rail SH 2 order no. 0494920000 (Qty. 10)				Rail support for insulated installation of the mounting rail SH 2 order no. 0494920000 (Qty. 10)			

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

PE terminals

WPE 2.5 — 2.5 mm²

5.1 x 60 x 47
/ 4
0.13 ... 4



IEC 60947-7-2 — EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
2.5	AWG 22 …12	AWG 26…12	2.5
800			
8			
300 A (2.5 mm²)			
3			
A3 / V-0			

KEMA 98ATEX1683 U

Rated connection	Additional 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 / 3.5 x 0.6	
0.5…1.5	
0.5…1.5 / 0.5…1.5	

Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, Qty. 500)

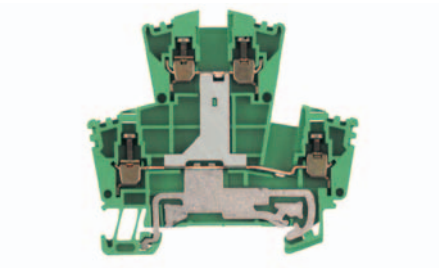
Type	Qty.	Order No.
WPE 2.5	100	1010000000

Type	Width [mm]	Qty.	Order No.
WAP 2.5-10	1.5	50	1050000000
	Width [mm]		
WEW-35/2	8	100	1061200000
SD 0.6X3.5X100		10	9008330000

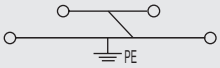
WS 12/5 / DEK 5

Rail support for insulated installation of the mounting rail SH 2 order no. 0494920000 (Qty. 10)

WDK 2.5 PE — 2.5 mm²



5.1 x 69.5 x 63
/ 4
0.13 ... 4



IEC 60947-7-2 — EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
2.5	AWG 22 …12	AWG 26…12	2.5
400			
6			
300 A (2.5 mm²)			
3			
A3 / V-0			

KEMA 98ATEX1687 U

Rated connection	Additional connection
0.5…4 / 1.5…4	
0.5…4 / 0.5…2.5	
0.4…0.6 (M 2.5)	
10 / 3.5 x 0.6	
0.5…1.5	
0.5…1.5 / 0.5…1.5	

Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, Qty. 500)

Type	Qty.	Order No.
WDK 2.5PE	100	1036300000

Type	Width [mm]	Qty.	Order No.
WAP WDK2.5	1.5	20	1059100000
	Width [mm]		
WEW-35/2	8	100	1061200000
SD 0.6X3.5X100		10	9008330000

WS 8/5 / DEK 5

Rail support for insulated installation of the mounting rail SH 2 order no. 0494920000 (Qty. 10)

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

PE terminals

Standard design

Identical external profile for the 2.5mm² - 10mm² terminals enables the use of common endplates and partitions thus reducing stocking costs.

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.

		WPE 4	4 mm²	WPE 6	6 mm²
Width/Length/Height with TS35x7.5	mm	**6.1** x 60 x 47		**7.9** x 60 x 47	
Max. current / max. cond. cross-section	A/mm²	**/ 6**		**/ 10**	
Max. clamping range	mm²	**0.13 ... 6**		**0.33 ... 10**	

Technical data

		WPE 4				WPE 6			
Rated data		IEC 60947-7-2			EEx e II T II 2 G D	IEC 60947-7-2			EEx e II T II 2 G D
		IEC	**UL**	**CSA**	**EN 50019**	**IEC**	**UL**	**CSA**	**EN 50019**
Rated cross-section	mm²	4	AWG 22 ...10	AWG 26...10	4	6	AWG 22 ...8	AWG 20...8	6
Rated voltage for adjacent terminal	V	1000				1000			
Rated impulse voltage for adjacent terminal	kV	8				8			
Short-time current resistant	A	480 A (4 mm²)				720 A (6 mm²)			
Pollution severity		3				3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		A4 / V-0				A5 / V-0			
Approvals					KEMA 98ATEX1683 U				KEMA 98ATEX1683 U
Clampable conductors (H05V/H07V)		**Rated connection**		**Additional connection**		**Rated connection**		**Additional connection**	
Solid / stranded	mm²	0.5...6 / 1.5...6				0.5...10 / 1.5...10			
Flexible / flexible w. wire end ferrule	mm²	0.5...6 / 0.5...4				0.5...10 / 0.5...6			
Tightening torque range (clamping screw)	Nm	0.5...1.0 (M 3)				0.8...1.6 (M 3.5)			
Tightening torque range (fixing screw)	Nm	0.5...0.8 (M 3)				0.5...1.0 (M 3)			
Stripping length / blade size	mm / -	10 / 3.5 x 0.6				12 / 4.0 x 0.8			
2 clampable conductors of equal cross-section									
Solid / stranded	mm²	0.5...2.5				0.5...2.5			
Flexible / flexible w. wire end ferrule	mm²	0.5...1.5 / 0.5...1.5				0.5...2.5 / 0.5...2.5			
Information									

Ordering data

Version		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	green/yellow Wemid	WPE 4	100	1010100000	WPE 6	50	1010200000
Information							

Accessories

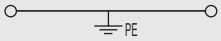
		Type	**Width [mm]**	**Qty.**	**Order No.**	**Type**	**Width [mm]**	**Qty.**	**Order No.**
End plate	dark beige Wemid								
End bracket			**Width [mm]**				**Width [mm]**		
	dark beige / beige	WEW-35/2	8	100	1061200000	WEW-35/2	8	100	1061200000
Test adapter									
For testing of wired terminal strips	Standard version								
	With spigot								
Screwdriver									
	w. cutting device "swifty set"								
	Standard version	SD 0.6X3.5X100		10	9008330000	SD 0.8X4.0X100		10	9008340000
Reducing sleeves									
	for conductors < 0.5 mm² / < AWG 20								
	for conductors < 1.0 mm² / < AWG 18								
PEN-bridge									
Insertable in distributor TN-S net between N- and PE-terminal									
Marking systems (see large assortment in chapter M)									
	Tags	DEK 6				DEK 8 / WS 12/6,5			
For detailed information on additional accessories and usage instructions see chapter accessories.		Rail support for insulated installation of the mounting rail SH 2 order no. 0494920000 (Qty. 10)				Rail support for insulated installation of the mounting rail SH 2 order no. 0494920000 (Qty. 10)			

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

PE terminals

WPE 10 — 10 mm²

9.9 x 60 x 47
/ 16
1.31 ... 16



IEC 60947-7-2 — EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
10	AWG 16 ...8	AWG 16...6	10
800			
8			
1200 A (10 mm²)			
3			
B6 / V-0			
KEMA 98ATEX1683 U			

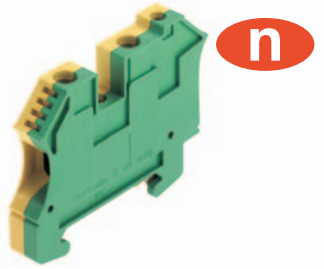
Rated connection	Additional connection
1.5...16 / 1.5...16	
1.5...16 / 1.5...16	
1.2...2.4 (M 4)	
0.5...1.0 (M 3)	
12 / 5.5 x 1.0	
1...6	
1...6 / 1...6	

Type	Qty.	Order No.
WPE 10	50	1010300000

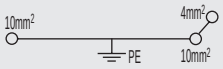
Type	Width [mm]	Qty.	Order No.
	Width [mm]		
WEW-35/2	8	100	1061200000
SD 1.0X5.5X150		10	9008350000
WQB-PEN 10		10	1060300000
WS 12/6,5 / DEK 5			
Rail support for insulated installation of the mounting rail SH 2 order no. 0494920000 (VPE 10)			

WPE 10/ZR — 10 mm²

Additional connection, right 4mm²



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



IEC 60947-7-2

IEC	UL	CSA	EN 50019
10	AWG 16 ...6	AWG 14...6	
800			
8			
1200 A (10 mm²)			
3			
B6 / A4 / V-0			

Rated connection	Additional 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 / 5.5 x 1.0	9 / 3.5 x 0.6
1...6	0.5...1.5
1...6 / 1...6	0.5...1.5 / 0.5...1.5

Max. cross-connections refer to 10mm² connections.

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

Type	Width [mm]	Qty.	Order No.
	Width [mm]		
WEW-35/2	8	100	1061200000
SD 0.6X3.5X100		10	9008330000
WQB-PEN 10		10	1060300000
WS 12/6,5 / DEK 5			
Rail support for insulated installation of the mounting rail SH 2 order no. 0494920000 (VPE 10)			

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

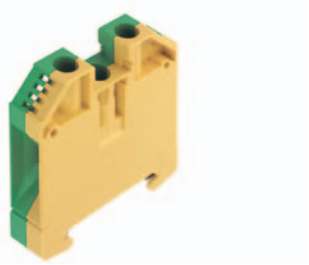
PE terminals

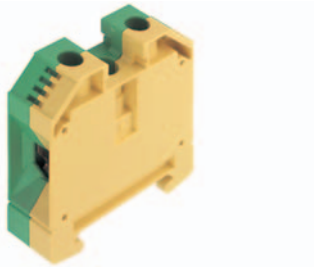
Standard design

Identical external profile for the 2.5mm² - 10mm² terminals enables the use of common endplates and partitions thus reducing stocking costs.

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.

		WPE 16	WPE 35
		16 mm²	35 mm²
Width/Length/Height with TS35x7.5	mm	**11.9** x 60 x 63	**16** x 60 x 63
Max. current / max. cond. cross-section	A/mm²	**/ 25**	**/ 35**
Max. clamping range	mm²	**1.5 ... 25**	**2.5 ... 35**





Technical data

		WPE 16	WPE 35
		IEC 60947-7-2 — EEx e II T II 2 G D	IEC 60947-7-2 — EEx e II
Rated data			
		IEC / UL / CSA / EN 50019	IEC / UL / CSA / EN 50019
Rated cross-section	mm²	16 / AWG 14 …6 / AWG 14…6 / 16	35 / AWG 12 …2 / AWG 12…2 / 35
Rated voltage for adjacent terminal	V	1000	800
Rated impulse voltage for adjacent terminal	kV	8	8
Short-time current resistant	A	1920 A (16mm²)	4200 A (35mm²)
Pollution severity		3	3
Plug gauge IEC 60-947-1 / flammability class acc. UL94		B7 / V-0	B8 / V-0
Approvals		KEMA 98ATEX1683 U	KEMA 98ATEX1683 U
Clampable conductors (H05V/H07V)		Rated connection / Additional connection	Rated connection / Additional connection
Solid / stranded	mm²	1.5…16 / 1.5…25	2.5…16 / 2.5…50
Flexible / flexible w. wire end ferrule	mm²	1.5…25 / 1.5…16	2.5…35 / 2.5…35
Tightening torque range (clamping screw)	Nm	2.0…4.0 (M 5)	2.5…5.0 (M 6)
Tightening torque range (fixing screw)	Nm	1.2…2.4 (M 4)	1.2…2.4 (M 4)
Stripping length / blade size	mm / -	16 / 5.5 x 1.0	18 / 6.5 x 1.2
2 clampable conductors of equal cross-section			
Solid / stranded	mm²	1.5…6	2.5…10 / 16…16
Flexible / flexible w. wire end ferrule	mm²	1.5…6 / 1.5…6	2.5…16 / 2.5…16
Information		TS 35x15 (steel, thickness 1.5mm) has to be used for cross-connections of 25 mm² (see chapter F).	TS 35x15 (steel, thickness 1.5mm) has to be used for 35 mm². TS 35x15 (steel, thickness 2.3 mm) has to be used for 50 mm². (see chapter F).

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
green/yellow Wemid	WPE 16	50	1010400000	WPE 35	25	1010500000
Information				Conductor 50mm², stranded, must be connected with 4Nm		

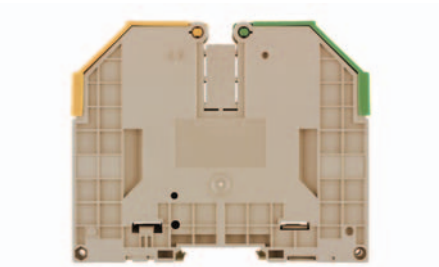
Accessories

End plate	Type	Width [mm]	Qty.	Order No.	Type	Width [mm]	Qty.	Order No.
dark beige Wemid								
End bracket		Width [mm]				Width [mm]		
dark beige / beige	WEW 35/1	12.2	50	1059000000	WEW 35/1	12.2	50	1059000000
Test adapter								
For testing of wired terminal strips — Standard version								
With spigot								
Screwdriver								
w. cutting device "swifty set"								
Standard version	SD 1.0X5.5X150		10	9008350000	SD 1.2x6.5x150		10	9009010000
Reducing sleeves								
for conductors < 0.5 mm² / < AWG 20								
for conductors < 1.0 mm² / < AWG 18								
PEN-bridge								
Insertable in distributor TN-S net between N- and PE-terminal	WQB-PEN 16		10	1060200000	WQB-PEN 35		10	1060100000
Marking systems (see large assortment in chapter M)								
Tags	WS 12/6,5 / DEK 5				WS 12/6,5 / DEK 5			
For detailed information on additional accessories and usage instructions see chapter accessories.	Rail support for insulated installation of the mounting rail SH 2 order no. 0494920000 (Qty. 10)				Rail support for insulated installation of the mounting rail SH 2 order no. 0494920000 (Qty. 10)			

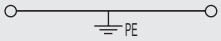
Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

PE terminals

WPE 70/95 — 95 mm²



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



IEC 60947-7-2 — EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
95	AWG 6 …2/0	AWG 6…2/0	95
1000			
8			
11400 A (95mm²)			
3			
B12 / V-0			
KEMA 98ATEX1686 U			

Rated connection	Additional connection
16…16 / 16…120	
16…95 / 16…95	
6.0…12 (hexagon) (M 8)	
3.0…6.0 (M 6)	
30 / S6 (DIN 6911)	
16…16 / 16…35	
16…35 / 16…35	

TS 35x15 (copper, thickness 2.3mm) has to be used for cross-connections of 70-150 mm² (see chapter F).

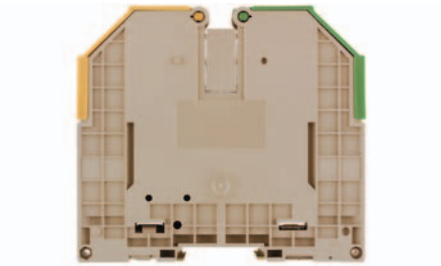
Type	Qty.	Order No.
WPE 70/95	10	1037300000

95 and 120mm² must be connected with at least 10Nm

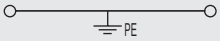
Type	Width [mm]	Qty.	Order No.
	Width [mm]		
WEW 35/1	12.2	50	1059000000
WQV 70/95-PEN		5	1072300000
WS 12/6,5 / DEK 5			

Rail support for insulated installation of the mounting rail SH 2 order no. 0494920000 (Qty. 10)

WPE 120/150 — 120 mm²



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



IEC 60947-7-2 — EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
120	AWG 2 …250 kcmil	AWG 2…250 kcmil	120
1000			
8			
14400 A (120mm²)			
3			
B13 / V-0			
KEMA 98ATEX1686 U			

Rated connection	Additional connection
/ 35…150	
35…150 / 35…95	
10…20 (hexagon) (M 10)	
3.0…6.0 (M 6)	
35 / S6 (DIN 6911)	
/ 35…70	
35…70 / 35…70	

TS 35x15 (copper, thickness 2.3mm) has to be used for cross-connections of 70-150 mm².

Type	Qty.	Order No.
WPE 120	10	1019700000

Type	Width [mm]	Qty.	Order No.
	Width [mm]		
WEW 35/1	12.2	50	1059000000
WQV 120-PEN		5	1072400000
WS 12/6,5 / DEK 5			

Rail support for insulated installation of the mounting rail SH 2 order no. 0494920000 (Qty. 10)

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

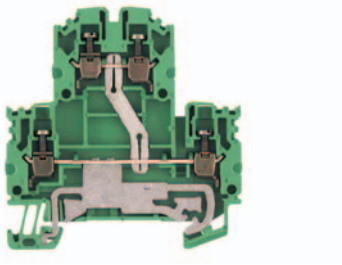
PE terminals

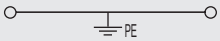
Compact design

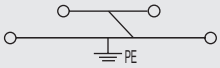
The compact design of these protective conductor terminals makes them the obvious choice in confined spaces.

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.

		WPE 2.5N	WDK 2.5N PE
		2.5 mm²	2.5 mm²
Width/Length/Height with TS35x7.5	mm	**5.1** x 44 x 37.5	**5.1** x 60.7 x 62.5
Max. current / max. cond. cross-section	A/mm²	**/ 4**	**/ 4**
Max. clamping range	mm²	**0.13 ... 4**	**0.13 ... 4**







Technical data

		WPE 2.5N	WDK 2.5N PE
		IEC 60947-7-2 / EEx e II T II 2 G D	IEC 60947-7-2 / EEx e II T II 2 G D
Rated data		**IEC / UL / CSA / EN 50019**	**IEC / UL / CSA / EN 50019**
Rated cross-section	mm²	2.5 / AWG 26 …12 / AWG 26…12 / 2.5	2.5 / AWG 26 …12 / AWG 26…12 / 2.5
Rated voltage for adjacent terminal	V	500	800
Rated impulse voltage for adjacent terminal	kV	6	8
Short-time current resistant	A	300 A (2.5 mm²)	300 A (2.5 mm²)
Pollution severity		3	3
Plug gauge IEC 60-947-1 / flammability class acc. UL94		A3 / V-0	A3 / V-0
Approvals		KEMA 98ATEX1683 U	KEMA 00ATEX2061 U
Clampable conductors (H05V/H07V)		**Rated connection / Additional connection**	**Rated connection / Additional connection**
Solid / stranded	mm²	0.5…4 / 1.5…4	0.5…4 / 1.5…4
Flexible / flexible w. wire end ferrule	mm²	0.5…4 / 0.5…2.5	0.5…4 / 0.5…2.5
Tightening torque range (clamping screw)	Nm	0.4…0.6 (M 2.5)	0.4…0.6 (M 2.5)
Tightening torque range (fixing screw)	Nm	0.4…0.8 (M 2.5)	
Stripping length / blade size	mm / -	10 / 3.5 x 0.6	8 / 3.5 x 0.6
2 clampable conductors of equal cross-section			
Solid / stranded	mm²	0.5…1.5	0.5…1.5
Flexible / flexible w. wire end ferrule	mm²	0.5…1.5 / 0.5…1.5	0.5…1.5 / 0.5…1.5
Information		Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, Qty. 500)	Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, Qty. 500)

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
green/yellow Wemid	WPE 2.5N	100	1016200000	WDK 2.5N PE	100	1041620000
Information						

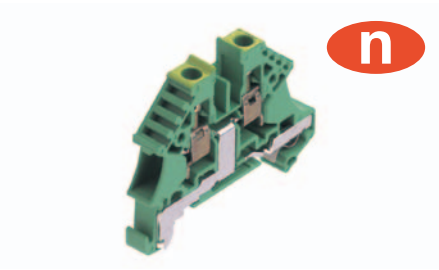
Accessories

	Type	Width [mm]	Qty.	Order No.	Type	Width [mm]	Qty.	Order No.
End plate								
dark beige Wemid	WAP WDU2.5N/4N	1.5	50	1060000000	WAP WDK2.5/4 N	1.5	20	1084000000
End bracket		**Width [mm]**				**Width [mm]**		
dark beige / beige	EW 35	8.5	50	0383560000	WEW-35/2	8	100	1061200000
Test adapter								
For testing of wired terminal strips Standard version								
With spigot								
Screwdriver								
w. cutting device "swifty set"								
Standard version	SD 0.6X3.5X100		10	9008330000	SD 0.6X3.5X100		10	9008330000
Reducing sleeves								
for conductors < 0.5 mm² / < AWG 20								
for conductors < 1.0 mm² / < AWG 18								
PEN-bridge								
Insertable in distributor TN-S net between N- and PE-terminal								
Marking systems (see large assortment in chapter M)								
Tags	WS 12/5 / DEK 5				DEK 5 / WS 8/5			
For detailed information on additional accessories and usage instructions see chapter accessories.	Rail support for insulated installation of the mounting rail SH 2 order no. 0494920000 (Qty. 10)				Rail support for insulated installation of the mounting rail SH 2 order no. 0494920000 (Qty. 10)			

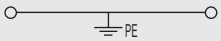
Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

PE terminals

WPE 4N — 4 mm²



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



IEC 60947-7-2

IEC	UL	CSA	EN 50019
4	AWG 26 ...10	AWG 26...10	
500			
6			
480 A (4 mm²)			
3			
A3 / V-0			

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

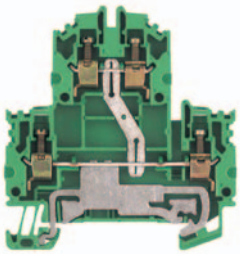
Type	Qty.	Order No.
WPE 4N	100	**1042700000**

Type	Width [mm]	Qty.	Order No.
WAP WDU2.5N/4N	1.5	50	1060000000
	Width [mm]		
EW 35	8.5	50	0383560000
SD 0.6X3.5X100		10	9008330000

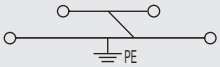
DEK 6 / WS 12/6

Rail support for insulated installation of the mounting rail SH 2 order no. 0494920000 (Qty.1)

WDK 4N PE — 4 mm²



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



IEC 60947-7-2 — EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
4	AWG 26 ...10	AWG 26...10	4
800			
8			
480 A (4 mm²)			
3			
A3 / V-0			

KEMA 00ATEX2061 U

Rated connection	Additional connection
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...1.0 (M 3)	
8 / 3.5 x 0.6	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

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

Type	Width [mm]	Qty.	Order No.
WAP WDK2.5/4 N	1.5	20	1084000000
	Width [mm]		
WEW-35/2	8	100	1061200000
SD 0.6X3.5X100		10	9008330000

DEK 6 / WS 8/5

Rail support for insulated installation of the mounting rail SH 2 order no. 0494920000 (Qty. 10)

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

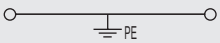
PE terminals

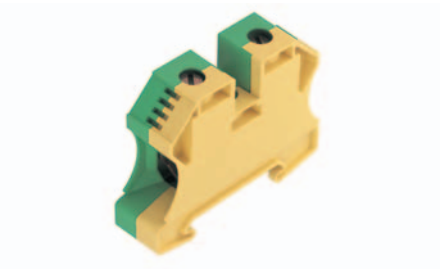
Compact design

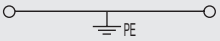
The compact design of these protective conductor terminals makes them the obvious choice in confined spaces.

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.

		WPE 16N 16 mm²	WPE 35N 35 mm²
Width/Length/Height with TS35x7.5	mm	**12** x 60 x 47	**16** x 66 x 51
Max. current / max. cond. cross-section	A/mm²	**/ 25**	**/ 50**
Max. clamping range	mm²	**1.5 ... 25**	**2.5 ... 50**







Technical data

		WPE 16N	WPE 35N
Rated data		IEC 60947-7-2	IEC 60947-7-2
		IEC / UL / CSA / EN 50019	IEC / UL / CSA / EN 50019
Rated cross-section	mm²	16 / AWG 14 …6 / AWG 14…6	35
Rated voltage for adjacent terminal	V	400	400
Rated impulse voltage for adjacent terminal	kV	6	6
Short-time current resistant	A	1920 A (16mm²)	4200 A (35mm²)
Pollution severity		3	3
Plug gauge IEC 60-947-1 / flammability class acc. UL94		B7 / V-0	B8 / V-0
Approvals			
Clampable conductors (H05V/H07V)		**Rated connection / Additional connection**	**Rated connection / Additional connection**
Solid / stranded	mm²	1.5…16 / 1.5…25	2.5…16 / 2.5…50
Flexible / flexible w. wire end ferrule	mm²	1.5…16 / 1.5…16	2.5…35 / 2.5…35
Tightening torque range (clamping screw)	Nm	1.2…2.4 (M 4)	2.5…5.0 (M 6)
Tightening torque range (fixing screw)	Nm	0.5…1.0 (M 3)	1.2…2.4 (M 4)
Stripping length / blade size	mm / -	12 / 5.5 x 1.0	18 / 6.5 x 1.2
2 clampable conductors of equal cross-section			
Solid / stranded	mm²	1.5…4	2.5…10 / 16…16
Flexible / flexible w. wire end ferrule	mm²	1.5…4 / 1.5…4	2.5…16 / 2.5…16
Information		25mm² stranded, have to be connected at 2.2 Nm.	TS 35x15 (steel, thickness 1.5mm) has to be used for 35 mm². TS 35x15 (steel, thickness 2.3 mm) has to be used for 50 mm².

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	green/yellow Wemid	WPE 16N	50	1019100000	WPE 35N	20	1717740000
Information							

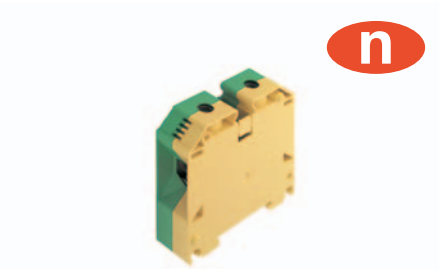
Accessories

		Type	Width [mm]	Qty.	Order No.	Type	Width [mm]	Qty.	Order No.
End plate	dark beige Wemid								
End bracket			Width [mm]				Width [mm]		
	dark beige / beige	WEW-35/2	8	100	1061200000	WEW-35/2	8	100	1061200000
Test adapter									
For testing of wired terminal strips	Standard version								
	With spigot								
Screwdriver									
	w. cutting device "swifty set"								
	Standard version	SD 1.0X5.5X150		10	9008350000	SD 1.2x6.5x150		10	9009010000
Reducing sleeves									
	for conductors < 0.5 mm² / < AWG 20								
	for conductors < 1.0 mm² / < AWG 18								
PEN-bridge									
Insertable in distributor TN-S net between N- and PE-terminal		WQV 16N-PEN GN		10	1071350000	WQV 16N-PEN BL		10	1071360000
Marking systems (see large assortment in chapter M)									
	Tags	WS 12/6,5 / DEK 5				DEK 8 / WS 12/6,5			
For detailed information on additional accessories and usage instructions see chapter accessories.		Rail support for insulated installation of the mounting rail SH 2 order no. 0494920000 (Qty. 10)				Rail support for insulated installation of the mounting rail SH 2 order no. 0494920000 (Qty. 10)			

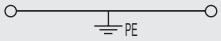
Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

PE terminals

WPE 50N — 50 mm²



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



IEC 60947-7-2

IEC	UL	CSA	EN 50019
50			
1000			
8			
6000 A (50mm²)			
3			
B10 / V-0			

Rated connection	Additional connection
10…16 / 10…70	
10…50 / 10…50	
3.5…6.0 (hexagon) (M 6)	
2.0…4.0 (M 5)	
24 / S4 (DIN 6911)	
10…16 / 16…16	

TS 35x15 (copper, thickness 2.3 mm) has to be used for cross sections over 50 mm².

Type	Qty.	Order No.
WPE 50N	10	**1846040000**

UL, CSA- and ATEX-approval in preparation.

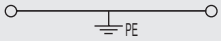
Type	Width [mm]	Qty.	Order No.
	Width [mm]		
WEW 35/1	12.2	50	**1059000000**

WS 12/6,5 / DEK 5

Rail support for insulated installation of the mounting rail SH 2 order no. 0494920000 (Qty. 10)

WPE 70N/35 — 70 mm²

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



IEC 60947-7-2 — EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
70	AWG 6 …2/0	AWG 6…2/0	70
1000			
8			
8400 A (70mm²)			
3			
B11 / V-0			

KEMA 98ATEX1683 U

Rated connection	Additional connection
10…16 / 10…95	
10…70 / 10…70	
6.0…10 (hexagon) (M 8)	
2.0…4.0 (M 5)	
22 / S6 (DIN 6911)	
/ 16…16	
16…16 / 16…16	

TS 35x15 (copper, thickness 2.3mm) has to be used for cross sections of 70-150 mm².

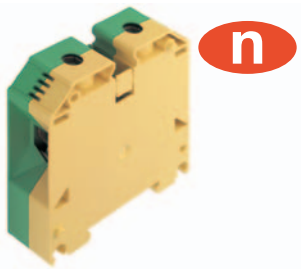
Type	Qty.	Order No.
WPE 70N/35	10	**9512200000**

Type	Width [mm]	Qty.	Order No.
	Width [mm]		
WEW 35/1	12.2	50	**1059000000**
WQV 70N-PEN		5	**9525840000**

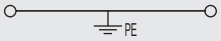
WS 12/6,5 / DEK 8

Rail support for insulated installation of the mounting rail SH 2 order no. 0494920000 (Qty. 10). Aux. connection (WZAD) see section accessories.

WPE 95N/120N — 95 mm²



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



IEC 60947-7-2

IEC	UL	CSA	EN 50019
95			
1000			
8			
11400 A (95mm²)			
3			
B13 / V-0			

Rated connection	Additional connection
16…16 / 16…150	
16…120 / 16…95	
10…20 (hexagon) (M 10)	
2.0…4.0 (M 5)	
27 / S6 (DIN 6911)	

TS 35x15 (copper, thickness 2.3mm) has to be used for cross sections of 70-150 mm².

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

UL, CSA- and ATEX-approval in preparation.

Type	Width [mm]	Qty.	Order No.
	Width [mm]		
WEW 35/1	12.2	50	**1059000000**

WS 12/6,5 / DEK 5

Rail support for insulated installation of the mounting rail SH 2 order no. 0494920000 (Qty. 10)

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

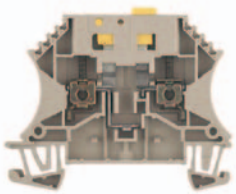
Disconnect terminals

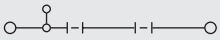
Disconnect terminals

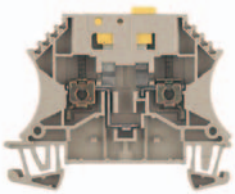
With disconnect terminals the current can quickly and safely be cut to carry our essential maintenance.

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.

		WTR 2.5	WTR 2.5 StB
		2.5 mm²	2.5 mm²
		With clamping screw	With socket
Width/Length/Height with TS35x7.5	mm	**5.1** x 60 x 49	**5.1** x 60 x 49
Max. current / max. cond. cross-section	A/mm²	**14 / 4**	**14 / 4**
Max. clamping range	mm²	**0.13 ... 4**	**0.13 ... 4**







Technical data

IEC 60947-7-1 / VDE 0100-537

Rated data		IEC	UL	CSA	EN 50019
Rated voltage feed through terminal	V	800	300	300	
Rated current	A	14	10	10	
Rated cross-section	mm²	2.5	AWG 22 …12	AWG 26…12	
Rated impulse voltage / Pollution severity	kV/-	8 / 3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		A3 / V-0			
Approvals					

Clampable conductors (H05V/H07V)		Rated connection	Rated connection
Solid / stranded	mm²	0.5…4 / 1.5…4	0.5…4 / 1.5…4
Flexible / flexible w. wire end ferrule	mm²	0.5…4 / 0.5…2.5	0.5…4 / 0.5…2.5
Tightening torque range (clamping screw)	Nm	0.4…0.6 (M 2.5)	0.5…0.6 (M 2.5)
Stripping length / blade size	mm / -	10 / 3.5 x 0.6	10 / 3.5 x 0.6
2 clampable conductors of equal cross-section			
Solid / stranded	mm²	0.5…1.5	0.5…1.5
Flexible / flexible w. wire end ferrule	mm²	0.5…1.5 / 0.5…1.5	0.5…1.5 / 0.5…1.5
Information		500V as disconnect terminal: Conductor 2.5 mm² with wire end ferrule with plastic collar only with Order No. 1333100000, Qty. 500	500V as isolating terminal: Conductor 2.5 mm² with wire end ferrule with plastic collar only with Order No. 1333100000, Qty. 500

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige Wemid	WTR 2.5	100	1011100000	WTR 2.5 STB2.3	100	1011200000
blue Wemid	WTR 2.5 BL	100	1011180000	WTR 2.5 STB2.3 BL	100	1011280000
Without disconnector, dark beige Wemid	WTR 2.5/D/O.TNHE	100	1012900000	WTR 2.5/O.TNHE STB2.3	100	1012800000
Information	Versions with socket 2.0 on request. Colour versions see section Accessories W-series Specific functions			Versions with socket 2.0 on request		

Accessories

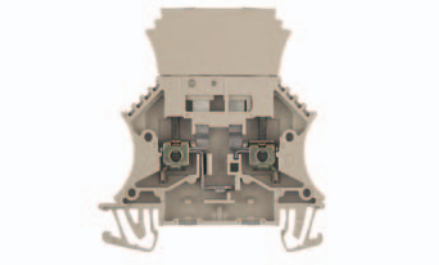
Cross-connection, pluggable	Type	Current [A]	Qty.	Order No.	Type	Current [A]	Qty.	Order No.
2-pole								
3-pole								
4-pole								
(ZQV 2.5N/4) 10-pole								
End plate / partition		**Width [mm]**				**Width [mm]**		
End plate dark beige Wemid	WAP 2.5-10	1.5	50	1050000000	WAP 2.5-10	1.5	50	1050000000
blue Wemid	WAP 2.5-10 BL	1.5	50	1050080000	WAP 2.5-10 BL	1.5	50	1050080000
Partition dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5	20	1050100000	WAP 16+35 WTW 2.5-10	1.5	20	1050100000
End bracket		**Width [mm]**				**Width [mm]**		
dark beige / beige	WEW-35/2	8	100	1061200000	WEW-35/2	8	100	1061200000
Screwdriver								
w. cutting device "swifty set"								
Standard version	SD 0.6X3.5X100		10	9008330000	SD 0.6X3.5X100		10	9008330000
Holder for fuse cartridges 5 x 20mm								
400V ac/dc. without LED	SIHA 1/G20		25	9537550000	SIHA 1/G20		25	9537550000
10 - 36V ac/dc. red LED	SIHA 1/G20 10-36V		25	9537560000	SIHA 1/G20 10-36V		25	9537560000
140 - 250V ac/dc. red LED	SIHA 1/G20 140-250V		25	9537590000	SIHA 1/G20 140-250V		25	9537590000
Diode plug (up to 250V)								
Polarity when + -	WSD 2.5/D+/- WTR2.5		25	1058460000	WSD 2.5/D+/- WTR2.5		25	1058460000
insert on terminal - +	WSD 2.5/D-/+ WTR2.5		25	1058560000	WSD 2.5/D-/+ WTR2.5		25	1058560000
(WSD 2.5) Without special components	WSD 2.5/SCAN WTR2.5		25	1058760000	WSD 2.5/SCAN WTR2.5		25	1058760000
Marking systems (see large assortment in chapter M)								
Tags	WS 12/5 / DEK 5				DEK 5 / WS 12/5			
For detailed information on additional accessories and usage instructions see chapter accessories.	**Special cross-connections see section accessories W-series**				**Special cross-connections see section accessories W-series**			

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

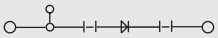
Disconnect terminals

WTR 2.5 D — 2.5 mm²

With diode plug



5.1 x 60 x 64.7
14 / 4
0.13 ... 4



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 50019
500	300	300	
14	10	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
0.4...0.6 (M 2.5)
10 / 3.5 x 0.6
0.5...1.5
0.5...1.5 / 0.5...1.5

Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, Qty. 500)

Type	Qty.	Order No.
WTR 2.5/D+	25	1013500000

Order No. 1013600000 WTR 2.5D-/+; Version with socket Order No. 1013200000 (+/-) and 1013300000 (-/+)

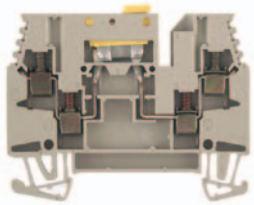
Type	Current [A]	Qty.	Order No.
Width [mm]			
WAP 2.5-10	1.5	50	1050000000
WAP 2.5-10 BL	1.5	50	1050080000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
Width [mm]			
WEW-35/2	8	100	1061200000
SD 0.6X3.5X100		10	9008330000
SIHA 1/G20		25	9537550000
SIHA 1/G20 10-36V		25	9537560000
SIHA 1/G20 140-250V		25	9537590000
WSD 2.5/D+/- WTR2.5		25	1058460000
WSD 2.5/D-/+ WTR2.5		25	1058560000
WSD 2.5/SCAN WTR2.5		25	1058760000

WS 12/5 / DEK 5

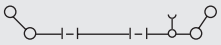
Special cross-connections see section accessories W-series

WTR 2.5/ZZ — 2.5 mm²

Supplementary connection left and right



5.1 x 60 x 49
14 / 4
0.13 ... 4



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 50019
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 (M 3)
7 / 3.5 x 0.6
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

Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, Qty. 500)

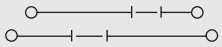
Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
Width [mm]			
WAP WTR2.5/ZZ	1.5	20	1074600000
WAP WTR2.5/ZZ BL	1.5	20	1074680000
Width [mm]			
WEW-35/2	8	100	1061200000
SD 0.6X3.5X100		10	9008330000
SIHA 1/G20		25	9537550000
SIHA 1/G20 10-36V		25	9537560000
SIHA 1/G20 140-250V		25	9537590000
WSD 2.5/D+/- WTR2.5		25	1058460000
WSD 2.5/D-/+ WTR2.5		25	1058560000
WSD 2.5/SCAN WTR2.5		25	1058760000

DEK 5 / WS 12/5

WDTR 2.5 — 2.5 mm²

Double-terminal

6.2 x 94 x 69
14 / 4
0.13 ... 4



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 50019
400			
10			
2.5			
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 (M 3)
8 / 3.5 x 0.6
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

Order No. 9528090000 and 9528100000 (blue) all connections on one potential; Connections: 2x left, 1x right

Type	Current [A]	Qty.	Order No.
Width [mm]			
WEW-35/2	8	100	1061200000
SD 0.6X3.5X100		10	9008330000
WSD 2.5/D+/- WTR2.5		25	1058460000
WSD 2.5/D-/+ WTR2.5		25	1058560000
WSD 2.5/SCAN WTR2.5		25	1058760000

DEK 6 / WS 8/5

Cross-connection only possible on the outside (on request)

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

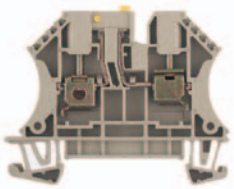
Disconnect terminals

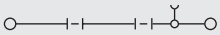
Disconnect terminals

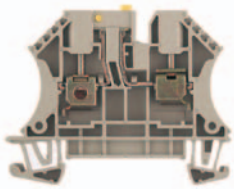
With disconnect terminals the current can quickly and safely be cut to carry our essential maintenance.

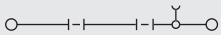
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

		WTR 4	WTR 4 StB
		4 mm²	4 mm²
		With clamping screw	With socket
Width/Length/Height with TS35x7.5	mm	**6.1** x 60 x 48.6	**6.1** x 60 x 48.6
Max. current / max. cond. cross-section	A/mm²	**32 / 6**	**32 / 6**
Max. clamping range	mm²	**0.33 ... 6**	**0.33 ... 6**









Technical data

IEC 60947-7-1 / VDE 0100-537

Rated data		IEC	UL	CSA	EN 50019
Rated voltage feed through terminal	V	400	300	300	
Rated current	A	32	10	10	
Rated cross-section	mm²	4	AWG 22 …10	AWG 22…10	
Rated impulse voltage / Pollution severity	kV/-	6 / 3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		A4 / V-0			
Approvals					

Clampable conductors (H05V/H07V)		Rated connection
Solid / stranded	mm²	0.5…6 / 1.5…6
Flexible / flexible w. wire end ferrule	mm²	0.5…4 / 0.5…4
Tightening torque range (clamping screw)	Nm	0.5…1.0 (M 3)
Stripping length / blade size	mm / -	13 / 3.5 x 0.6
2 clampable conductors of equal cross-section		
Solid / stranded	mm²	0.5…2.5
Flexible / flexible w. wire end ferrule	mm²	0.5…1.5 / 0.5…1.5
Information		

IEC 60947-7-1 / VDE 0100-537

Rated data		IEC	UL	CSA	EN 50019
Rated voltage feed through terminal	V	400	300	300	
Rated current	A	32	10	10	
Rated cross-section	mm²	4	AWG 22 …10	AWG 22…10	
Rated impulse voltage / Pollution severity	kV/-	6 / 3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		A4 / V-0			
Approvals					

Clampable conductors (H05V/H07V)		Rated connection
Solid / stranded	mm²	0.5…6 / 1.5…6
Flexible / flexible w. wire end ferrule	mm²	0.5…4 / 0.5…4
Tightening torque range (clamping screw)	Nm	0.5…0.6 (M 3)
Stripping length / blade size	mm / -	13 / 3.5 x 0.6
2 clampable conductors of equal cross-section		
Solid / stranded	mm²	0.5…2.5
Flexible / flexible w. wire end ferrule	mm²	0.5…1.5 / 0.5…1.5
Information		

Ordering data

Version	Type	Qty.	Order No.
dark beige Wemid	WTR 4	50	7910180000
blue Wemid	WTR 4 BL	50	7910190000
Without disconnector, dark beige Wemid			
Information			

Version	Type	Qty.	Order No.
dark beige Wemid	WTR 4 STB	50	7910210000
blue Wemid	WTR 4 STB BL	50	7910220000
Without disconnector, dark beige Wemid			
Information			

Accessories

Cross-connection, pluggable		Type	Current [A]	Qty.	Order No.
	2-pole	ZQV 4N/2	32	60	1758250000
	3-pole	ZQV 4N/3	32	60	1762630000
	4-pole	ZQV 4N/4	32	60	1762620000
(ZQV 2.5N/4)	10-pole	ZQV 4N/10	32	20	1758260000
End plate / partition			**Width [mm]**		
End plate	dark beige Wemid	WAP 2.5-10	1.5	50	1050000000
	blue Wemid	WAP 2.5-10 BL	1.5	50	1050080000
Partition	dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5	20	1050100000
End bracket			**Width [mm]**		
	dark beige / beige	WEW-35/2	8	100	1061200000
Screwdriver					
	w. cutting device "swifty set"				
	Standard version	SD 0.6X3.5X100		10	9008330000
Holder for fuse cartridges 5 x 20mm					
	400V ac/dc. without LED	SIHA 1/G20		25	9537550000
	10 - 36V ac/dc. red LED	SIHA 1/G20 10-36V		25	9537560000
	140 - 250V ac/dc. red LED	SIHA 1/G20 140-250V		25	9537590000
Diode plug (up to 250V)					
	Polarity when + -				
	insert on terminal - +				
	(WSD 2.5) Without special components				
Marking systems (see large assortment in chapter M)					
	Tags	WS 12/6 / DEK 6			
For detailed information on additional accessories and usage instructions see chapter accessories.					

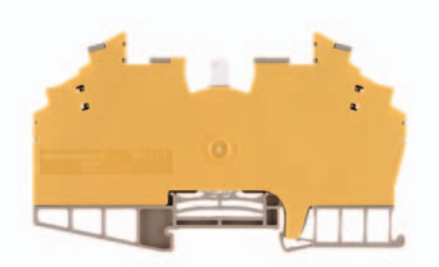
Cross-connection, pluggable		Type	Current [A]	Qty.	Order No.
	2-pole	ZQV 4N/2	32	60	1758250000
	3-pole	ZQV 4N/3	32	60	1762630000
	4-pole	ZQV 4N/4	32	60	1762620000
	10-pole	ZQV 4N/10	32	20	1758260000
End plate / partition			**Width [mm]**		
End plate	dark beige Wemid	WAP 2.5-10	1.5	50	1050000000
	blue Wemid	WAP 2.5-10 BL	1.5	50	1050080000
Partition	dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5	20	1050100000
End bracket			**Width [mm]**		
	dark beige / beige	WEW-35/2	8	100	1061200000
Screwdriver					
	w. cutting device "swifty set"				
	Standard version	SD 0.6X3.5X100		10	9008330000
Holder for fuse cartridges 5 x 20mm					
	400V ac/dc. without LED	SIHA 1/G20		25	9537550000
	10 - 36V ac/dc. red LED	SIHA 1/G20 10-36V		25	9537560000
	140 - 250V ac/dc. red LED	SIHA 1/G20 140-250V		25	9537590000
Diode plug (up to 250V)					
	Polarity when + -				
	insert on terminal - +				
	(WSD 2.5) Without special components				
Marking systems (see large assortment in chapter M)					
	Tags	WS 12/6 / DEK 6			
For detailed information on additional accessories and usage instructions see chapter accessories.					

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

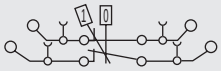
Disconnect terminals

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 50019
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 (M 2.5)
10 / 3.5 x 0.6

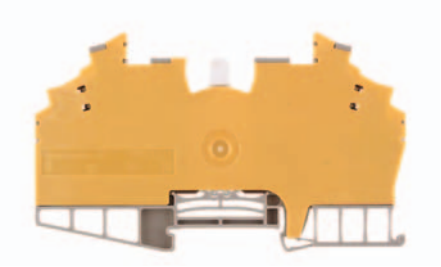
Type	Qty.	Order No.
WDT 1.5/1 DB/GE	25	1015800000

Type	Current [A]	Qty.	Order No.
	Width [mm]		
	Width [mm]		
WEW-35/2	8	100	1061200000
SD 0.6X3.5X100		10	9008330000

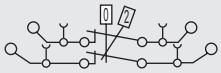
DEK 6,5 / WS 8/5

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 50019
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 (M 2.5)
10 / 3.5 x 0.6

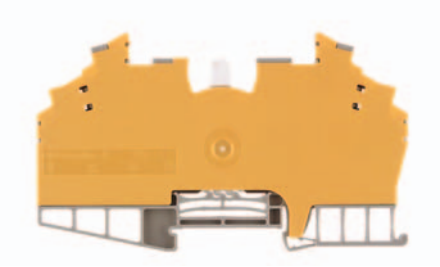
Type	Qty.	Order No.
WDT 1.5/2 DB/GE	25	1015900000

Type	Current [A]	Qty.	Order No.
	Width [mm]		
	Width [mm]		
WEW-35/2	8	100	1061200000
SD 0.6X3.5X100		10	9008330000

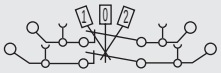
DEK 6,5 / WS 8/5

WDT 1.5/3 — 1.5 mm²

Disconnection lower level or 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 50019
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 (M 2.5)
10 / 3.5 x 0.6

Type	Qty.	Order No.
WDT 1.5/3 DB/GE	25	1016000000
WDT 1.5/3 BL/HB	25	1016160000

Type	Current [A]	Qty.	Order No.
	Width [mm]		
	Width [mm]		
WEW-35/2	8	100	1061200000
SD 0.6X3.5X100		10	9008330000

DEK 6,5 / WS 8/5

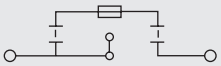
Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

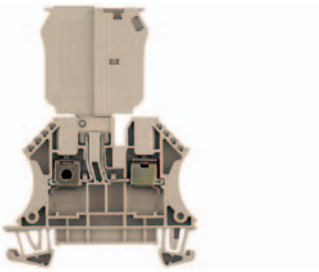
Fuse terminals

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.

		WTR 2.5/SI 2.5 mm²	WTR 4/SI 4 mm²
Width/Length/Height with TS35x7.5	mm	**5.1** x 60 x 80.5	**6.1** x 60 x 80.5
Max. current / max. cond. cross-section	A/mm²	**6.3 / 4**	**6.3 / 6**
Max. clamping range	mm²	**0.13 ... 4**	**0.33 ... 6**





Technical data

Rated data		WTR 2.5/SI				WTR 4/SI			
		IEC 60947-7-3 / VDE 0611-6				IEC 60947-7-3 / VDE 0611-6			
		IEC	UL	CSA	EN 50019	IEC	UL	CSA	EN 50019
Rated voltage for adjacent terminal	V	400	300	300		400	300	300	
Rated current	A	6.3	6.3	6.3		6.3	6.3	6.3	
Rated cross-section	mm²	2.5	AWG 22 …12	AWG 26…12		4	AWG 22 …10	AWG 22…10	
Rated impulse voltage / Pollution severity	kV/-	6 / 3				6 / 3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		A3 / V-0				A4 / V-0			
Approvals									
Clampable conductors (H05V/H07V)		**Rated connection**		**Additional connection**		**Rated connection**			
Solid / stranded	mm²	0.5…4 / 1.5…4				0.5…6 / 1.5…6			
Flexible / flexible w. wire end ferrule	mm²	0.5…4 / 0.5…2.5				0.5…4 / 0.5…4			
Tightening torque range (clamping screw)	Nm	0.4…0.8 (M 2.5)				0.5…1.0 (M 3)			
Stripping length / blade size	mm / -	10 / 3.5 x 0.6				13 / 3.5 x 0.6			
2 clampable conductors of equal cross-section									
Solid / stranded	mm²	0.5…1.5				0.5…2.5			
Flexible / flexible w. wire end ferrule	mm²	0.5…1.5 / 0.5…1.5				0.5…1.5 / 0.5…1.5			
Information		Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, Qty. 500)				The rated voltage of the terminal is determined by the max. power loss of 1.6W at the fuse cartridge.			

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige Wemid	400V ac/dc. without LED	WTR 2.5/SI	25	1763940000	WTR 4 SI	25	7910240000
	10-36V ac/dc. with LED	WTR 2.5/SI LD 36V	25	**1763950000**	WTR 4/SI LD 36V	25	**7914370000**
	30-70V ac/dc. with LED	WTR 2.5/SI LD 70V	25	**1763960000**	WTR 4/SI LD 70V	25	**7914380000**
	60-150V ac/dc. with LED	WTR 2.5/SI LD 150V	25	**1763970000**	WTR 4/SI LD 150V	25	**7914390000**
	140-250V ac/dc. with LED	WTR 2.5/SI LD 250V	25	**1763980000**	WTR 4/SI LD 250V	25	**7914400000**
Information		UL/CSA specified for fuse cartridge 400V; otherwise the specified voltage range also applies to UL/CSA			UL/CSA specified for fuse cartridge 400V; otherwise the specified voltage range also applies to for UL/CSA		

Accessories

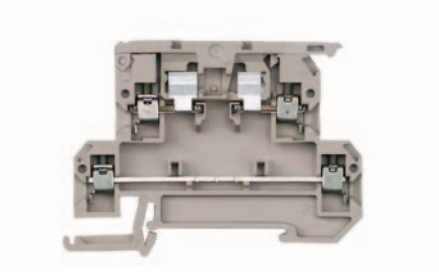
Cross-connection, pluggable		Type	Current [A]	Qty.	Order No.	Type	Current [A]	Qty.	Order No.
(ZQV 2.5N/4)	2-pole					ZQV 4N/2	32 A	60	1758250000
	3-pole					ZQV 4N/3	32 A	60	1762630000
	4-pole					ZQV 4N/4	32 A	60	1762620000
	10-pole					ZQV 4N/10	32 A	20	1758260000
End plate / partition (behind last terminal)			**Width [mm]**				**Width [mm]**		
	End plate, dark beige Wemid	WAP 2.5-10	1.5	50	1050000000	WAP 2.5-10	1.5	50	1050000000
	Partition, dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5	20	1050100000	WAP 16+35 WTW 2.5-10	1.5	20	1050100000
Screwdriver									
	w. cutting device "swifty set"								
	Standard version	SD 0.6X3.5X100		10	9008330000	SD 0.6X3.5X100		10	9008330000
G-fuse cartridge 5 x 20mm (IEC 60127-2)									
Rated voltage 250V	0.25A quick	G 20/0.25A/F		10	0430500000	G 20/0.25A/F		10	0430500000
Rated switch-off capacity 1500A	0.5A quick	G 20/0.5A/F		10	0430600000	G 20/0.5A/F		10	0430600000
(at 250V / 50Hz / cos j = 0.7)	1A quick	G 20/1A/F		10	0430700000	G 20/1A/F		10	0430700000
	2A quick	G 20/2A/F		10	0430900000	G 20/2A/F		10	0430900000
G25 with indicator / Inch fuse									
G25 (DIN 41 576 / 250V)	0.5A medium-slow								
Rated voltage 250V	1A medium-slow								
Inch fuse 1/4 x 1 1/4	2A quick								
Rated voltage 440V	4A quick								
Marking systems (see large assortment in chapter M)									
	Tags	DEK 5 / WS 12/5				WS 12/6 / DEK 6			
For detailed information on additional accessories and usage instructions see chapter accessories.		**Possible cross-connections for WTR 2.5 see section Accessories W-series.**							

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

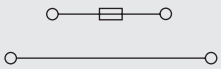
Fuse terminals

KDKS 1/35 DB — 4 mm²

Metric fuses 5x20mm



8 x 73.5 x 55.6
6.3 / 4
0.33 ... 4



IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 50019
500	300		
6.3	10		
4	AWG 22 …12		
6 / 3			
A3 / V-0			

Rated connection
0.5…4 / 1.5…4
0.5…4 / 0.5…4
0.5…1.0 (M 3)
8 / 3.5 x 0.6
0.5…1.5
0.5…1.5 / 0.5…1.5

2 conductors, solid, have to be connected at 0.6 Nm.

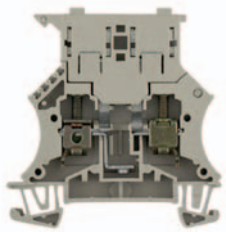
Type	Qty.	Order No.
KDKS 1/35 DB		9532440000

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

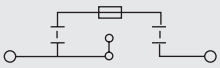
Type	Current [A]	Qty.	Order No.
	Width [mm]		
AP KDKS1 1.5 DB	1.5	20	9532470000
SD 0.6X3.5X100		10	9008330000
G 20/0.25A/F		10	0430500000
G 20/0.5A/F		10	0430600000
G 20/1A/F		10	0430700000
G 20/2A/F		10	0430900000
WS 12/6,5 / DEK 8			

WSI 6 — 6 mm²

Metric fuses



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



IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 50019
500	300	300	
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

Fuse cartridges or contact sleeves have to be inserted in centre. Version with contact sleeve order no. 1028200000 (Qty. 50/10A)

Type	Qty.	Order No.
WSI 6	50	1011000000

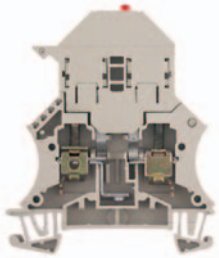
Max. power loss at the fuse cartridge (1.6 W) limits the rated current of the terminal.

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 0.8X4.0X100		10	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
G 25/0.5A/M WS		10	0510300000
G 25/1A/M RT		10	0265800000
G 25/2A/F BL		10	0192700000
G 25/4A/F BR		10	0192800000
WS 12/6,5 / DEK 8			

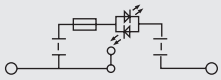
Cross-connection see section Accessories W-series
spare isolating lever order no. 103660000 (Qty. 5)

WSI 6 LD — 6 mm²

Metric fuses / bipolar LED



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



IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 50019
500	300	300	
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

Fuse cartridges or contact sleeves have to be inserted in centre. With a defective fuse a residual current flows in 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 110DC 250AC	50	1012400000

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

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 0.8X4.0X100		10	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
G 25/0.5A/M WS		10	0510300000
G 25/1A/M RT		10	0265800000
G 25/2A/F BL		10	0192700000
G 25/4A/F BR		10	0192800000
WS 12/6,5 / DEK 8			

Cross-connection see section Accessories W-series
spare isolating lever on request

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Fuse terminals

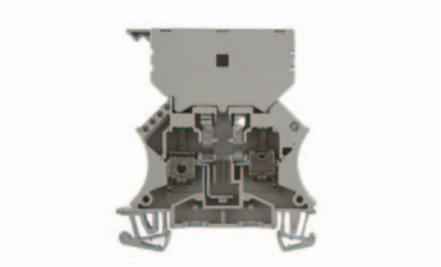
Fuse terminals

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.

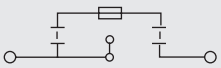
Width/Length/Height with TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

WSI 6/2 — 6 mm²

Imperial fuses

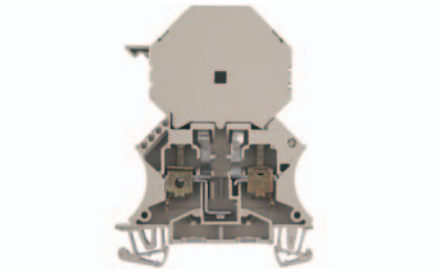


11.9 x 60 x 67
6.3 / 10
0.5 ... 10

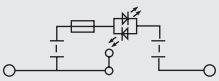


WSI 6/2 m. LED — 6 mm²

Imperial fuses / bipolar LED



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



Technical data

Rated data		WSI 6/2				WSI 6/2 m. LED			
		IEC 60947-7-3 / VDE 0611-6				IEC 60947-7-3 / VDE 0611-6			
		IEC	UL	CSA	EN 50019	IEC	UL	CSA	EN 50019
Rated voltage for adjacent terminal	V	500	600	600		500	220	220	
Rated current	A	6.3	6.3	6.3		6.3	6.3	6.3	
Rated cross-section	mm²	6	AWG 20 …8	AWG 20…8		6	AWG 20 …8	AWG 20…8	
Rated impulse voltage / Pollution severity	kV/-	6 / 3				6 / 3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		A5 / V-0				A5 / V-0			
Approvals									
Clampable conductors (H05V/H07V)		**Rated connection**		**Additional connection**		**Rated connection**			
Solid / stranded	mm²	0.5…10 / 1.5…10				0.5…10 / 1.5…10			
Flexible / flexible w. wire end ferrule	mm²	0.5…10 / 0.5…6				0.5…10 / 0.5…6			
Tightening torque range (clamping screw)	Nm	0.8…1.6 (M 3.5)				0.8…1.6 (M 3.5)			
Stripping length / blade size	mm / -	12 / 4.0 x 0.8				12 / 4.0 x 0.8			
2 clampable conductors of equal cross-section									
Solid / stranded	mm²	0.5…2.5				0.5…2.5			
Flexible / flexible w. wire end ferrule	mm²	0.5…2.5 / 0.5…2.5				0.5…2.5 / 0.5…2.5			
Information		Fuse cartridges or contact sleeves have to be inserted in the centre.				Fuse cartridges or contact sleeves have to be inserted in centre.			

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige Wemid	400V ac/dc. without LED	WSI 6/2 GZ/DEF63	25	1014000000			
	10-36V ac/dc. with LED				WSI 6/2/LD 10-36V DC/AC	25	1014100000
	30-70V ac/dc. with LED				WSI 6/2/LD 30-70V DC/AC	25	1014200000
	60-150V ac/dc. with LED				WSI 6/2/LD 60-150VDC/AC	25	1014300000
	140-250V ac/dc. with LED				WSI 6/2/LD 110DC 250AC	25	1014400000
Information		Max. power loss at the fuse cartridge (1.6 W) limits the rated current.			Max. power loss at the fuse cartridge (1.6 W) limits the rated current.		

Accessories

Cross-connection, pluggable		Type	Current [A]	Qty.	Order No.	Type	Current [A]	Qty.	Order No.
(ZQV 2.5N/4)	2-pole								
	3-pole								
	4-pole								
	10-pole								
End plate / partition (behind last terminal)			**Width [mm]**				**Width [mm]**		
	End plate, dark beige Wemid	WAP 2.5-10	1.5	50	1050000000	WAP 2.5-10	1.5	50	1050000000
	Partition, dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5	20	1050100000	WAP 16+35 WTW 2.5-10	1.5	20	1050100000
Screwdriver									
	w. cutting device "swifty set"								
	Standard version	SD 0.8X4.0X100		10	9008340000	SD 0.8X4.0X100		10	9008340000
G-fuse cartridge 5 x 20mm (IEC 60127-2)									
Rated voltage 250V	0.25A quick								
Rated switch-off capacity 1500A	0.5A quick								
(at 250V / 50Hz / cos j = 0.7)	1A quick								
	2A quick								
G25 with indicator / Inch fuse									
G25 (DIN 41 576 / 250V)	0.5A medium-slow	GZ 2.0A		10	0294500000	GZ 2.0A		10	0294500000
Rated voltage 250V	1A medium-slow	GZ 3.0A		10	0295700000	GZ 3.0A		10	0295700000
Inch fuse 1/4 x 1 1/4	2A quick	GZ 5.0A		10	0294600000	GZ 5.0A		10	0294600000
Rated voltage 440V	4A quick	GZ 10.0A		10	0293900000	GZ 10.0A		10	0293900000
Marking systems (see large assortment in chapter M)									
	Tags	DEK 8 / WS 12/6,5				WS 12/6,5 / DEK 8			
For detailed information on additional accessories and usage instructions see chapter accessories.		**Cross-connection see section Accessories W-series**				**Cross-connection see section Accessories W-series**			

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Fuse terminals

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 50019
500		600	
10		25	
10		AWG 22…8	
	6 / 3		
	B6 / V-0		

Rated connection
0.5…16 / 0.5…10
0.5…10 / 0.5…10
1.2…2.4 (M 4)
12 / 5.5 x 1.0

Up to 10A in case of overloads, up to 25A for short-circuit-protection only

Type	Qty.	Order No.
SAKS 2/35 DB	20	**1368700000**

Type	Current [A]	Qty.	Order No.
	Width [mm]		
WTW EN	1.5	20	**1058800000**
SD 1.0X5.5X150		10	**9008350000**
D fuse inserts			
E 10 A		25	**0208500000**
E 16 A		25	**0208600000**
E 20 A		25	**0208700000**
E 25 A		25	**0208800000**
gauge rings			
P 16/10		100	**0208900000**
P 16/16		100	**0209000000**
P 16/20		100	**0209100000**

DEK 5 / WS 12/6,5

Spare screw-cap order no. 0284110000 (Qty. 20); cross-connection see section Accessories W-series

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 50019
400	600	600	
16	30	30	
10	AWG 22 …8	AWG 22…8	
	6 / 3		
	B6 / V-0		

Rated connection
0.5…16 / 0.5…10
0.5…10 / 0.5…10
1.2…2.4 (M 4)
14 / 5.5 x 1.0

400V also available with Neozed-shipbuilding-fuse

Type	Qty.	Order No.
SAKS 4/35 DB	20	**501800000**

Terminal made of Duroplast (KRG), coloured in the tone of the W-series

Type	Current [A]	Qty.	Order No.
	Width [mm]		
WTW EN	1.5	20	**1058800000**
SD 1.0X5.5X150		10	**9008350000**
D1 fuse inserts			
E 14/2		10	**0137400000**
E 14/4		10	**0137500000**
E 14/6		10	**0328300000**
E 14/10		10	**0328400000**
E 14/16		10	**0328500000**
gauge rings			
P 14/2		50	**0138000000**
P 14/4		50	**0138100000**
P 14/6		50	**0328600000**
P 14/10		50	**0328700000**

WS 12/6,5 / DEK 5

Spare screw-cap order no. 0339410000 (Qty. 20); cross-connection see section Accessories W-series

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 50019
400	600	600	
57	40	63	
10	AWG 14 …6	AWG 14…6	
	6 / 3		
	B7 / V-0		

Rated connection
1.5…16 / 1.5…16
1.5…16 / 1.5…16
1.2…2.4 (M 4)
13 / 5.5 x 1.0

400V also available with Neozed-shipbuilding-fuse
16mm² stranded has to be conducted with 2 Nm

Type	Qty.	Order No.
SAKS 5/35 DB	20	**502100000**

Material made of Duroplast (KRG), coloured in the tone of the W-series

Type	Current [A]	Qty.	Order No.
	Width [mm]		
WTW EN	1.5	20	**1058800000**
SD 1.0X5.5X150		10	**9008350000**
D2 fuse inserts			
E 18/20		10	**0361300000**
E 18/25		10	**0361400000**
E 18/35		10	**0361500000**
E 18/50		10	**0361600000**
E 18/63		10	**0361700000**
gauge rings			
P 18/20		50	**0361800000**
P 18/25		50	**0361900000**
P 18/35		50	**0362000000**
P 18/50		50	**0362100000**

DEK 5 / WS 12/6,5

Spare screw-cap order no. 0359310000 (Qty. 20); cross-connection see section Accessories W-series

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

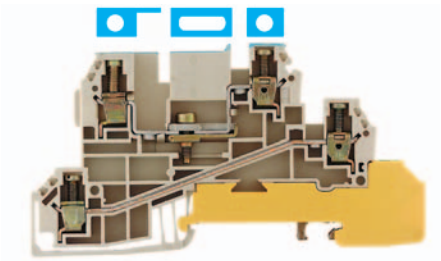
Installation terminals

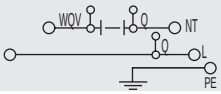
Distribution terminal with WQV

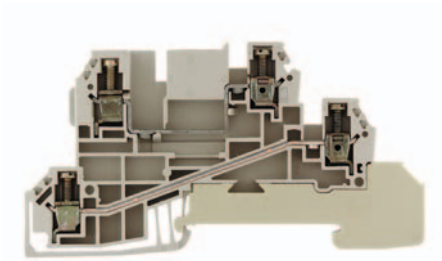
In certain applications (medical systems) N-busbars are not needed. This is where these installation terminals with disconnectors in the centre of the terminal can be used.

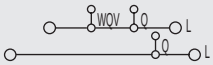
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

		WDL 2.5/NT/L/PE 2.5 mm²	WDL 2.5/L/L 2.5 mm²
Width/Length/Height with TS35x5.5	mm	**6.1** x 90 x 49	**6.1** x 90 x 49
Max. current / max. cond. cross-section	A/mm²	**32 / 6**	**32 / 6**
Max. clamping range	mm²	**0.13 ... 6**	**0.13 ... 6**









Technical data

		WDL 2.5/NT/L/PE				WDL 2.5/L/L			
		IEC 60947-7-1 (-7-2) / VDE 0611-4				IEC 60947-7-1 / VDE 0611-4			
Rated data		**IEC**	**UL**	**CSA**	**EN 50019**	**IEC**	**UL**	**CSA**	**EN 50019**
Rated voltage	V	400	300	300		400	300	300	
Rated current	A	24	15	10		24	15	10	
Rated cross-section	mm²	2.5	AWG 22 ...12	AWG 26...12		2.5	AWG 22 ...12	AWG 26...12	
Rated impulse voltage / Pollution severity	kV/-	4 / 3				6 / 3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		A3 / A4 / V-0				A3 / A4 / V-0			
Approvals									
Clampable conductors (H05V/H07V)		**Rated connection**		**Additional connection**		**Rated connection**		**Additional connection**	
Solid / stranded	mm²	0.5...4 / 1.5...4		0.5...6 / 1.5...4		0.5...4 / 1.5...4		0.5...6 / 1.5...4	
Flexible / flexible w. wire end ferrule	mm²	0.5...4 / 0.5...2.5		0.5...4 / 0.5...4		0.5...4 / 0.5...2.5		0.5...4 / 0.5...4	
Tightening torque range (clamping screw)	Nm	0.4...0.6 (M 2.5)		0.5...0.6 (M 3)		0.4...0.6 (M 2.5)		0.5...0.6 (M 3)	
Stripping length / blade size	mm / -	8 / 3.5 x 0.6		8 / 3.5 x 0.6		8 / 3.5 x 0.6		8 / 3.5 x 0.6	
2 clampable conductors of equal cross-section									
Solid / stranded	mm²	0.5...1.5		0.5...1.5		0.5...1.5		0.5...1.5	
Flexible / flexible w. wire end ferrule	mm²	0.5...1.5 / 0.5...1.5		0.5...1.5 / 0.5...1.5		0.5...1.5 / 0.5...1.5		0.5...1.5 / 0.5...1.5	
Information		**L-PE / L-NT 250V** / Further connection: 2 solid conductors 1.5mm² have to be connected at 0.6 Nm.				**Further connection refers to clamping point top left (A4)** 2 conductors 1.5mm², solid, with 0.6 Nm			

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige Wemid	WDL 2.5/NT/L/PE	50	1029800000	WDL 2.5/L/L	50	1030300000
	blue Wemid						
Information		**Further connection refers to clamping point top left (A4)**			WDL 2.5/N/L Order No. 1030000000 (upper connection marked blue)		

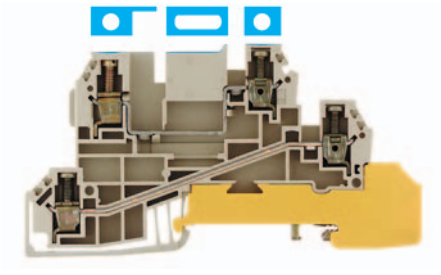
Accessories

		Type	Current [A]	Qty.	Order No.	Type	Current [A]	Qty.	Order No.
Cross-connection output-side (screwable)									
(Q3)	2-pole	Q 2 WDL2.5S	24	50	1071500000	Q 2 WDL2.5S	24	50	1071500000
	3-pole	Q 3 WDL2.5S	24	50	1071600000	Q 3 WDL2.5S	24	50	1071600000
	4-pole	Q 4 WDL2.5S	24	50	1071700000	Q 4 WDL2.5S	24	50	1071700000
	10-pole	Q 10 WDL2.5S	24	20	1071800000	Q 10 WDL2.5S	24	20	1071800000
	20-pole	Q 20 WDL2.5S	24	20	1074200000	Q 20 WDL2.5S	24	20	1074200000
Cross-connection access-side (screwable)			**Current [A]**				**Current [A]**		
(WQV 2.5-3)	2-pole	WQV 4/2	41	50	1051960000	WQV 4/2	41	50	1051960000
	3-pole	WQV 4/3	41	50	1054560000	WQV 4/3	41	50	1054560000
	4-pole	WQV 4/4	41	50	1054660000	WQV 4/4	41	50	1054660000
	10-pole	WQV 4/10	41	20	1052060000	WQV 4/10	41	20	1052060000
End plate / partition			**Width [mm]**				**Width [mm]**		
End plate	dark beige Wemid	WAP WDL2.5	1.5	20	1067800000	WAP WDL2.5	1.5	20	1067800000
	blue Wemid								
Partition	dark beige Wemid								
	blue Wemid								
End bracket			**Width [mm]**				**Width [mm]**		
	dark beige	WEW-35/2	8	100	1061200000	WEW-35/2	8	100	1061200000
Testing									
For testing of wired terminal strips	Standard version								
	With spigot								
Cover									
(WAD 5)	With elec. shock warn. symbol								
	neutral								
Marking systems (see large assortment in chapter M)									
	Tags	WS 8/5 / DEK 6				WS 8/5 / DEK 6			
For detailed information on additional accessories and usage instructions see chapter accessories.									

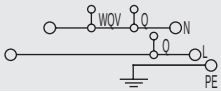
Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Installation terminals

WDL 2.5/N/L/PE — 2.5 mm²



6.1 x 90 x 49
32 / 6
0.13 ... 6



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

IEC	UL	CSA	EN 50019
400	300	300	
24	15	10	
2.5	AWG 22 ...12	AWG 26...12	
4 / 3			
A3 / A4 / V-0			

Rated connection	Additional connection
0.5...4 / 1.5...4	0.5...6 / 1.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...4
0.4...0.6 (M 2.5)	0.5...0.6 (M 3)
8 / 3.5 x 0.6	8 / 3.5 x 0.6
0.5...1.5	0.5...1.5
0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5

L-PE / L-N 250V / Further connection: 2 conductors 1.5mm² solid have to be connected at 0.6 Nm.

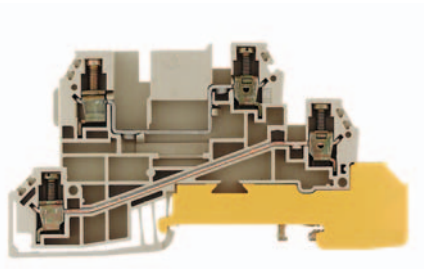
Type	Qty.	Order No.
WDL 2.5/N/L/PE	50	1029900000

Further connection refers to clamping point top left (A4)

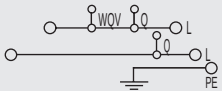
Type	Current [A]	Qty.	Order No.
Q 2 WDL2.5S	24	50	1071500000
Q 3 WDL2.5S	24	50	1071600000
Q 4 WDL2.5S	24	50	1071700000
Q 10 WDL2.5S	24	20	1071800000
Q 20 WDL2.5S	24	20	1074200000
	Current [A]		
WQV 4/2	41	50	1051960000
WQV 4/3	41	50	1054560000
WQV 4/4	41	50	1054660000
WQV 4/10	41	20	1052060000
	Width [mm]		
WAP WDL2.5	1.5	20	1067800000
	Width [mm]		
WEW-35/2	8	100	1061200000

WS 8/5 / DEK 6

WDL 2.5/L/L/PE — 2.5 mm²



6.1 x 90 x 49
32 / 6
0.13 ... 6



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

IEC	UL	CSA	EN 50019
400	300	300	
24	15	10	
2.5	AWG 22 ...12	AWG 26...12	
4 / 3			
A3 / A4 / V-0			

Rated connection	Additional connection
0.5...4 / 1.5...4	0.5...6 / 1.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...4
0.4...0.6 (M 2.5)	0.5...0.6 (M 3)
8 / 3.5 x 0.6	8 / 3.5 x 0.6
0.5...1.5	0.5...1.5
0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5

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

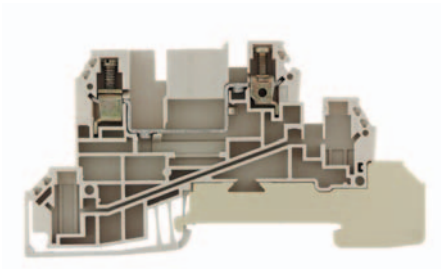
Type	Qty.	Order No.
WDL 2.5/L/L/PE	50	1030200000

PE connection marked green/yellow

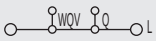
Type	Current [A]	Qty.	Order No.
Q 2 WDL2.5S	24	50	1071500000
Q 3 WDL2.5S	24	50	1071600000
Q 4 WDL2.5S	24	50	1071700000
Q 10 WDL2.5S	24	20	1071800000
Q 20 WDL2.5S	24	20	1074200000
	Current [A]		
WQV 4/2	41	50	1051960000
WQV 4/3	41	50	1054560000
WQV 4/4	41	50	1054660000
WQV 4/10	41	20	1052060000
	Width [mm]		
WAP WDL2.5	1.5	20	1067800000
	Width [mm]		
WEW-35/2	8	100	1061200000

WS 8/5 / DEK 6

WDL 2.5/L — 2.5 mm²



6.1 x 90 x 49
32 / 6
0.13 ... 6



IEC 60947-7-1 / VDE 0611-4

IEC	UL	CSA	EN 50019
400	300	300	
24	15	10	
2.5	AWG 22 ...12	AWG 26...12	
6 / 3			
A3 / A4 / V-0			

Rated connection	Additional connection
0.5...4 / 1.5...4	0.5...6 / 1.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...4
0.4...0.6 (M 2.5)	0.5...0.6 (M 3)
8 / 3.5 x 0.6	8 / 0.6 x 3.5
0.5...1.5	0.5...1.5
0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5

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

Type	Qty.	Order No.
WDL 2.5/L	50	1030400000

WDL 2.5/N Order No. 1030100000 (connection blue marks)

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
	Current [A]		
WQV 4/2	41	50	1051960000
WQV 4/3	41	50	1054560000
WQV 4/4	41	50	1054660000
WQV 4/10	41	20	1052060000
	Width [mm]		
WAP WDL2.5	1.5	20	1067800000
	Width [mm]		
WEW-35/2	8	100	1061200000

WS 8/5 / DEK 6

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

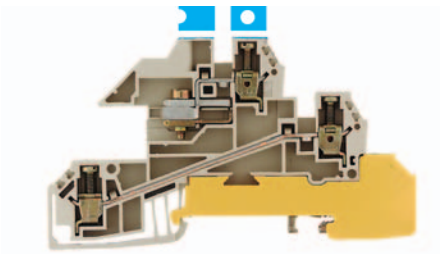
Installation terminals

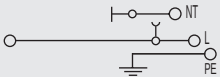
Distribution terminals with 10x3 busbar

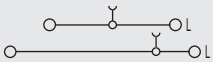
Space saving distribution terminals for three phase circuits.

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.

		WDL 2.5/S/NT/L/PE 2.5 mm²	WDL 2.5/S/L/L 2.5 mm²
Width/Length/Height with TS35x7.5	mm	**6.1** x 84.5 x 49	**6.1** x 84.5 x 49
Max. current / max. cond. cross-section	A/mm²	**32 / 4**	**32 / 4**
Max. clamping range	mm²	**0.13 ... 4**	**0.13 ... 4**







Technical data

Rated data		WDL 2.5/S/NT/L/PE (IEC 60947-7-1 (-7-2) / VDE 0611-4) IEC	UL	CSA	EN 50019	WDL 2.5/S/L/L (IEC 60947-7-1 / VDE 0611-4) IEC	UL	CSA	EN 50019
Rated voltage	V	400	300	300		400	300	300	
Rated current	A	24	15	10		24	15	10	
Rated cross-section	mm²	2.5	AWG 22 ...12	AWG 26...12		2.5	AWG 22 ...12	AWG 26...12	
Rated impulse voltage / Pollution severity	kV/-	4 / 3				6 / 3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		A3 / V-0				A3 / V-0			
Approvals									
Clampable conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / stranded	mm²	0.5...4 / 1.5...4				0.5...4 / 1.5...4			
Flexible / flexible w. wire end ferrule	mm²	0.5...4 / 0.5...2.5				0.5...4 / 0.5...2.5			
Stripping length / blade size	mm / -	8 / 3.5 x 0.6				8 / 3.5 x 0.6			
Tightening torque range (clamping screw)	Nm	0.4...0.6 (M 2.5)				0.4...0.6 Nm (M 2.5)			
Information		**Rated voltage L-PE and L-NT 250V** **Tightening torque disconnector 0.4..0.6 Nm**							

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige Wemid	WDL 2.5/S/NT/L/PE	50	1030600000	WDL 2.5/S/L/L	50	1031200000
blue Wemid						
Information	Three-phase circuit in combination with WDL 2.5/S/L/L			Order No. 1031300000 (connection blue marks)		

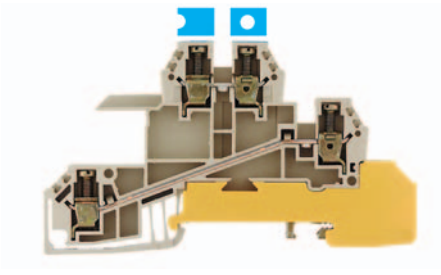
Accessories

		Type	Current [A]	Qty.	Order No.	Type	Current [A]	Qty.	Order No.
Cross-connection									
(ZQV 2.5N/4 - pluggable) (Q3 - screwable)	2-pole	Q 2 WDL2.5S	24	50	1071500000	Q 2 WDL2.5S	24	50	1071500000
	3-pole	Q 3 WDL2.5S	24	50	1071600000	Q 3 WDL2.5S	24	50	1071600000
	4-pole	Q 4 WDL2.5S	24	50	1071700000	Q 4 WDL2.5S	24	50	1071700000
	10-pole	Q 10 WDL2.5S	24	20	1071800000	Q 10 WDL2.5S	24	20	1071800000
	30-/41-/50-pole								
End plate / partition			**Width [mm]**				**Width [mm]**		
	dark beige Wemid	WAP WDL2.5/S	1.5	20	1067700000	WAP WDL2.5/S	1.5	20	1067700000
	blue Wemid								
Holding plate for 10 x 3			**Width [mm]**				**Width [mm]**		
	blue Wemid	WHP 2.5-35N/10x3	2	20	1050200000	WHP 2.5-35N/10x3	2	20	1050200000
	for vertical mounting position								
End bracket			**Width [mm]**				**Width [mm]**		
	dark beige	WEW-35/2	8	100	1061200000	WEW-35/2	8	100	1061200000
Screwdriver									
	w. cutting device "swifty set"								
	Standard version	SD 0.6X3.5X100		10	9008330000	SD 0.6X3.5X100		10	9008330000
Busbar 10 x 3									
	Lower edge busbar to upper edge TS35 = 25.5mm	SSCH 10X3X1000 CU/SN		1	0348900000	SSCH 10X3X1000 CU/SN		1	0348900000
Tension clamp for feeding 10 x 3 busbars			**Width [mm]**				**Width [mm]**		
	Rigid / flexible 0.5 - 6 / 4mm²	ZB 4	5.6	50	0316500000	ZB 4	5.6	50	0316500000
	Rigid / flexible 6 - 16mm²	ZB 16 ZKSC	10	50	0316600000	ZB 16 ZKSC	10	50	0316600000
(ZB16)	flexible 16 - 35mm²	ZB 35/M6X16	14	20	0266500000	ZB 35/M6X16	14	20	0266500000
Marking systems (see large assortment in chapter M)									
	Tags	WS 8/5 / DEK 6				WS 8/5 / DEK 6			
For detailed information on additional accessories and usage instructions see chapter accessories.									

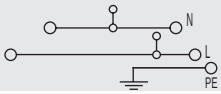
Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Installation terminals

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 50019
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 / 3.5 x 0.6
0.4...0.6 Nm (M 2.5)

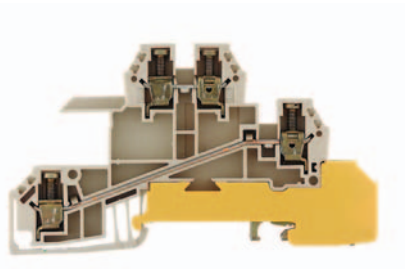
L-PE / L-N 250V

Type	Qty.	Order No.
WDL 2.5/S/N/L/PE	50	1030700000

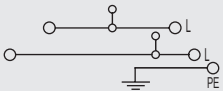
Type	Current [A]	Qty.	Order No.
Q 2 WDL2.5S	24	50	1071500000
Q 3 WDL2.5S	24	50	1071600000
Q 4 WDL2.5S	24	50	1071700000
Q 10 WDL2.5S	24	20	1071800000
Width [mm]			
WAP WDL2.5/S	1.5	20	1067700000
Width [mm]			
WHP 2.5-35N/10x3	2	20	1050200000
Width [mm]			
WEW-35/2	8	100	1061200000
SD 0.6X3.5X100		10	9008330000
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

WS 8/5 / DEK 6

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 50019
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 / 3.5 x 0.6
0.4...0.6 Nm (M 2.5)

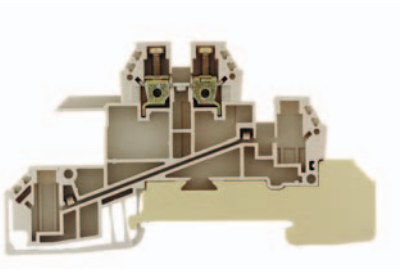
L-PE 250V

Type	Qty.	Order No.
WDL 2.5/S/L/L/PE	50	1031100000

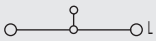
Type	Current [A]	Qty.	Order No.
Q 2 WDL2.5S	24	50	1071500000
Q 3 WDL2.5S	24	50	1071600000
Q 4 WDL2.5S	24	50	1071700000
Q 10 WDL2.5S	24	20	1071800000
Width [mm]			
WAP WDL2.5/S	1.5	20	1067700000
Width [mm]			
WHP 2.5-35N/10x3	2	20	1050200000
Width [mm]			
WEW-35/2	8	100	1061200000
SD 0.6X3.5X100		10	9008330000
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

WS 8/5 / DEK 6

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 50019
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 / 3.5 x 0.6
0.4...0.6 Nm (M 2.5)

Type	Qty.	Order No.
WDL 2.5/S/L	50	1031300000

Order No. 1031300000 (connection blue marks)

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 2.5-35N/10x3	2	20	1050200000
Width [mm]			
WEW-35/2	8	100	1061200000
SD 0.6X3.5X100		10	9008330000
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

WS 8/5 / DEK 6

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

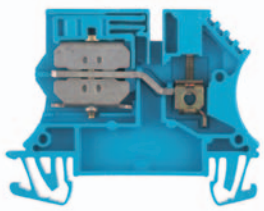
Installation terminals

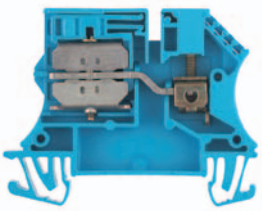
Neutral disconnect terminals

These special terminals for insulation measurements without dismantling of the conductor according to VDE-Norms are prescribed for places of public meetings.

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.

		WNT 2.5 — 2.5 mm²	WNT 4 — 4 mm²
Width/Length/Height with TS35x7.5	mm	**5.1** x 60 x 47	**6.1** x 60 x 47
Max. current / max. cond. cross-section	A/mm²	**32 / 4**	**41 / 6**
Max. clamping range	mm²	**0.13 ... 4**	**0.13 ... 6**





Technical data

Rated data		WNT 2.5 — IEC 60947-7-1 / VDE 0611-4				WNT 4 — IEC 60947-7-1 / VDE 0611-4			
		IEC	UL	CSA	EN 50019	IEC	UL	CSA	EN 50019
Rated voltage	V	400	600	600		400	600	600	
Rated current	A	24	25	20		32	35	35	
Rated cross-section	mm²	2.5	AWG 22 …12	AWG 26…12		4	AWG 22 …10	AWG 26…10	
Rated impulse voltage / Pollution severity	kV/-	6 / 3				6 / 3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		A3 / V-0				A4 / V-0			
Approvals									
Clampable conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / stranded	mm²	0.5…4 / 1.5…4				0.5…6 / 1.5…6			
Flexible / flexible w. wire end ferrule	mm²	0.5…4 / 0.5…2.5				0.5…6 / 0.5…4			
Stripping length / blade size	mm / -	10 / 3.5 x 0.6				10 / 3.5 x 0.6			
Tightening torque range (clamping screw)	Nm	0.4…0.6 (M 2.5)				0.5…1.0 Nm (M 3)			
Information		Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, Qty. 500)				**Tightening torque N-disconnector 0,4..0,8 Nm**			

Ordering data

Version	WNT 2.5 — Type	Qty.	Order No.	WNT 4 — Type	Qty.	Order No.
dark beige Wemid	WNT 2.5 10X3 BE	100	**1010600000**	WNT 4 10X3 BE	100	**1010700000**
blue Wemid	WNT 2.5 10X3	100	**1010680000**	WNT 4 10X3	100	**1010780000**
Information	**Tightening torque N-disconnector 0,4..0,6 Nm**					

Accessories

Cross-connection	WNT 2.5 — Type	Current [A]	Qty.	Order No.	WNT 4 — Type	Current [A]	Qty.	Order No.
(ZQV 2.5N/4 - pluggable) (Q3 - screwable) 2-pole								
3-pole								
4-pole								
10-pole								
30-/41-/50-pole								
End plate / partition		**Width [mm]**				**Width [mm]**		
dark beige Wemid	WAP 2.5-10	1.5	50	**1050000000**	WAP 2.5-10	1.5	50	**1050000000**
blue Wemid	WAP 2.5-10 BL	1.5	50	**1050080000**	WAP 2.5-10 BL	1.5	50	**1050080000**
Holding plate for 10 x 3		**Width [mm]**				**Width [mm]**		
blue Wemid, for vertical mounting position	WHP 2.5-35N/10x3 BL	2	20	**1050280000**	WHP 2.5-35N/10x3 BL	2	20	**1050280000**
End bracket		**Width [mm]**				**Width [mm]**		
dark beige	WEW-35/2	8	100	**1061200000**	WEW-35/2	8	100	**1061200000**
Screwdriver								
w. cutting device "swifty set"								
Standard version	SD 0.6X3.5X100		10	**9008330000**	SD 0.6X3.5X100		10	**9008330000**
Busbar 10 x 3								
Lower edge busbar to upper edge TS35 = 25.5mm	SSCH 10X3X1000 CU/SN		1	**0348900000**	SSCH 10X3X1000 CU/SN		1	**0348900000**
Tension clamp for feeding 10 x 3 busbars		**Width [mm]**				**Width [mm]**		
Rigid / flexible 0.5 - 6 / 4mm²	ZB 4	5.6	50	**0316500000**	ZB 4	5.6	50	**0316500000**
Rigid / flexible 6 - 16mm²	ZB 16 ZKSC	10	50	**0316600000**	ZB 16 ZKSC	10	50	**0316600000**
(ZB16) flexible 16 - 35mm²	ZB 35/M6X16	14	20	**0266500000**	ZB 35/M6X16	14	20	**0266500000**
Marking systems (see large assortment in chapter M)								
Tags	DEK 5 / WS 12/5				DEK 6 / WS 12/6			
For detailed information on additional accessories and usage instructions see chapter accessories.								

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Installation terminals

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 50019
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 Nm (M 3.5)

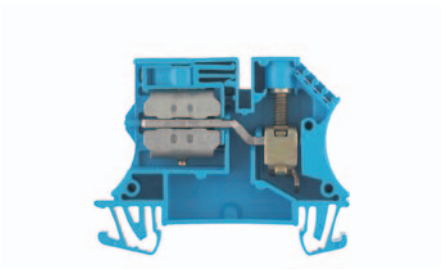
Tightening torque N-disconnector 0,8..1,6 Nm

Type	Qty.	Order No.
WNT 6 10X3 BE	50	**1010800000**
WNT 6 10X3	50	**1010880000**

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**
SD 0.8X4.0X100		10	**9008340000**
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**

DEK 8 / WS 12/6,5

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 50019
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 / 5.5 x 1.0
1.2…2.0 Nm (M 4)

Tightening torque N-disconnector 0,8..1,6 Nm

Type	Qty.	Order No.
WNT 10 10X3 BE	50	**1010900000**
WNT 10 10X3	50	**1010980000**

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**
SD 1.0X5.5X150		10	**9008350000**
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**

WS 12/6,5 / DEK 8

For PEN-bridges see section Accessories W-series

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

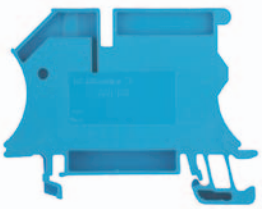
Installation terminals

Neutral disconnect terminals

These special terminals for insulation measurements without dismantling of the conductor according to VDE-Norms are prescribed for places of public meetings.

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.

		WNT 16N 16 mm²	WNT 35N 35 mm²
Width/Length/Height with TS35x7.5	mm	**12** x 60 x 47	**16** x 66 x 51
Max. current / max. cond. cross-section	A/mm²	**101 / 25**	**150 / 50**
Max. clamping range	mm²	**1.5 ... 25**	**2.5 ... 50**



Technical data

		WNT 16N	WNT 35N
Rated data		IEC 60947-7-1 / VDE 0611-4	IEC 60947-7-1 / VDE 0611-4
		IEC / UL / CSA / EN 50019	IEC / UL / CSA / EN 50019
Rated voltage	V	400	400
Rated current	A	76	125
Rated cross-section	mm²	16	35
Rated impulse voltage / Pollution severity	kV/-	6 / 3	6 / 3
Plug gauge IEC 60-947-1 / flammability class acc. UL94		B7 / V-0	B8 / V-0
Approvals		PCT	PCT
Clampable conductors (H05V/H07V)		**Rated connection**	**Rated connection**
Solid / stranded	mm²	1.5…16 / 1.5…25	2.5…16 / 2.5…50
Flexible / flexible w. wire end ferrule	mm²	1.5…16 / 1.5…16	2.5…35 / 2.5…35
Stripping length / blade size	mm / -	12 / 5.5 x 1.0	18 / 6.5 x 1.2
Tightening torque range (clamping screw)	Nm	1.2…2.2 (M 4)	2.5…5.0 Nm (M 6)
Information		**Tightening torque N-disconnector 0,8..1,6 Nm** 25mm² has to be inserted with 2,2 Nm	**Tightening torque N-disconnector 1,2..2,4 Nm**

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige Wemid						
blue Wemid	WNT 16N 10X3	50	1019000000	WNT 35N 10X3	20	1718550000
Information						

Accessories

	Type	Current [A]	Qty.	Order No.	Type	Current [A]	Qty.	Order No.
Cross-connection								
(ZQV 2.5N/4 - pluggable) (Q3 - screwable) 2-pole								
3-pole								
4-pole								
10-pole								
30-/41-/50-pole								
End plate / partition		**Width [mm]**				**Width [mm]**		
dark beige Wemid								
blue Wemid								
Holding plate for 10 x 3		**Width [mm]**				**Width [mm]**		
blue Wemid	WHP 2.5-35N/10x3 BL	2	20	1050280000	WHP 2.5-35N/10x3 BL	2	20	1050280000
for vertical mounting position								
End bracket		**Width [mm]**				**Width [mm]**		
dark beige	WEW-35/2	8	100	1061200000	WEW-35/2	8	100	1061200000
Screwdriver								
w. cutting device "swifty set"								
Standard version	SD 1.0X5.5X150		10	9008350000	SD 1.2x6.5x150		10	9009010000
Busbar 10 x 3								
Lower edge busbar to upper edge TS35 = 25.5mm	SSCH 10X3X1000 CU/SN		1	0348900000	SSCH 10X3X1000 CU/SN		1	0348900000
Tension clamp for feeding 10 x 3 busbars		**Width [mm]**				**Width [mm]**		
Rigid / flexible 0.5 - 6 / 4mm²	ZB 4	5.6	50	0316500000	ZB 4	5.6	50	0316500000
Rigid / flexible 6 - 16mm²	ZB 16 ZKSC	10	50	0316600000	ZB 16 ZKSC	10	50	0316600000
(ZB16) flexible 16 - 35mm²	ZB 35/M6X16	14	20	0266500000	ZB 35/M6X16	14	20	0266500000
Marking systems (see large assortment in chapter M)								
Tags	WS 12/6,5 / DEK 5				WS 12/6,5 / DEK 5			
For detailed information on additional accessories and usage instructions see chapter accessories.	For PEN-bridges see section Accessories W-series				For PEN-bridges see section Accessories W-series			

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Installation terminals

WNT 70N — 70 mm²

20.5 x 75 x 86
207 / 95
10 ... 95

IEC 60947-7-1 / VDE 0611-4

IEC	UL	CSA	EN 50019
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...1 Nm (hexagon) (M 8)

Tightening torque N-disconnector 2,5..5,0 Nm

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
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

DEK 5 / WS 12/6,5

For PEN-bridges see section Accessories W-series

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Delivery times see page X.2

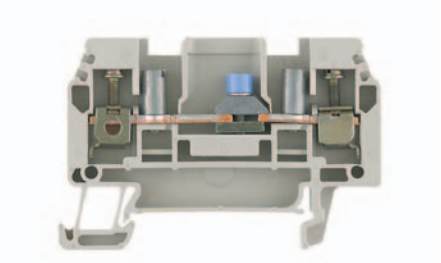
Measuring-disconnecting terminals

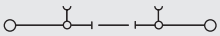
Measuring-disconnecting terminals

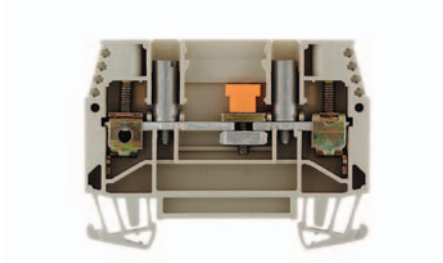
Different current transformer circuits - for example to exchange measuring instruments or kilowatt-hour meters - can be produced.

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.

		WTL 4	4 mm²	WTL 6/1	6 mm²
Width/Length/Height with TS35x7.5	mm	**6.1** x 61.3 x 40.7		**7.9** x 65 x 48.5	
Max. current / max. cond. cross-section	A/mm²	**41 / 6**		**57 / 10**	
Max. clamping range	mm²	**0.13 ... 6**		**0.5 ... 10**	







Technical data

Rated data		WTL 4				WTL 6/1			
		IEC 60947-7-1 / VDE 0100-537				IEC 60947-7-1 / VDE 0100-537			
		IEC	UL	CSA	EN 50019	IEC	UL	CSA	EN 50019
Rated voltage	V	500	300	300		800	300	300	
Rated current	A	32	28	28		41	45	45	
Rated cross-section	mm²	4	AWG 26 ...10	AWG 26...10		6	AWG 20 ...8	AWG 20...8	
Rated impulse voltage / Pollution severity	kV/-	6 / 3				6 / 3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		A3 / V-0				A5 / V-0			
Approvals									

Clampable conductors (H05V/H07V)		WTL 4 Rated connection	WTL 4 Additional connection	WTL 6/1 Rated connection	WTL 6/1 Additional connection
Solid / stranded	mm²	0.5...6 / 1.5...4		0.5...10 / 1.5...10	
Flexible / flexible w. wire end ferrule	mm²	0.5...4 / 0.5...4		0.5...10 / 0.5...6	
Tightening torque range (clamping screw)	Nm	0.4...0.7 (M 2.5)		0.8...1.6 (M 3.5)	
Tightening torque range disconnector	Nm	0.4...0.7		0.5...0.8	
Stripping length / blade size	mm / -	10 / 3.5 x 0.6		12 / 4.0 x 0.8	

Information

WTL 4: Usage as disconnect terminal 400V.

WTL 6/1: Usage as disconnect terminal 400V.

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige Wemid	With socket	WTL 4/STB	50	1754970000	WTL 6/1/STB	50	1016900000
	Without socket	WTL 4	50	**1754960000**	WTL 6/1	50	1016700000

Information

TS32 version on request

Accessories

Cross-connection		Type	Current [A]	Qty.	Order No.	Type	Current [A]	Qty.	Order No.
ZQV: pluggable cross-connection	2-pole	WQV 4/2	41	50	1051960000	QL 2 SAK6N	41	50	0194300000
WQV: screwable cross-connection	3-pole	WQV 4/3	41	50	1054560000	QL 3 SAK6N	41	50	0194400000
QL: screwable cross-connection	4-pole	WQV 4/4	41	50	1054660000	QL 4 SAK6N	36	50	0194500000
	10-pole / 32-pole	WQV 4/10	41	20	1052060000	QL 10 SAK6N	36	20	0338300000
	Connecting sleeve for cross-conn. QL					VH 12/4.9/3.3 SAK6N		100	0249000000
	Fixing screw for cross-conn. QL					KISC M3X20 SAK10 CU5		100	0377100000
End plate / partition			**Width [mm]**				**Width [mm]**		
dark beige Wemid	End plate	ZAP/TW 1	2	50	1608740000	WAP WTL6/1	1.5	20	1068300000
	Partition					WTW WTL6/1 DB	1.5	20	1068400000
Cross-connection slider									
	2-pole	QVS 2/4 SAKT4		20	**1319260000**	QVS 2 SAKT1+2		20	0307300000
	3-pole					QVS 3 SAKT1+2		20	0329300000
	4-pole					QVS 4 SAKT1+2		20	0307400000
	Connecting sleeve for QVS	VH 16/5/3.5 SAK10-35		50	**0309700000**	VH 19/6/4.2 SAKT1		50	0318000000
	Fixing screw for QVS	BFSC M3X22 SAKT4		50	**1319900000**	BS 25 IH/GE SAKT1		50	0335700000
Testing									
	Test plug	PS 2.3 RT		20	0180400000	PS 4 F.STB 4		20	0299600000
	Socket, yellow					STB 35 IH/GE		50	0389000000
	Socket. green					STB 35 IH/GN		50	0388900000
	Socket. violet					STB 35 IH/VI		50	0389100000
	Socket, blue					STB 35 IH/BL		50	**0388700000**
Other accessories									
	Lockout device	SSP 4 SAKT4		20	**1319360000**	SSP 3 SAKT1		100	0531760000
	Short-circuit-plug, 2-pole					QS 2/8/4		20	0270960000
Without insulating cap	Socket	STB 8.5/5/2.3/M3 SAK2.5		50	0280600000	STB 14/D6/4/M3 SAK10		50	169900000
Marking systems (see large assortment in chapter M)									
	Tags	WS 12/6 / DEK 6				DEK 8 / WS 12/6,5			

For detailed information on additional accessories and usage instructions see chapter accessories.

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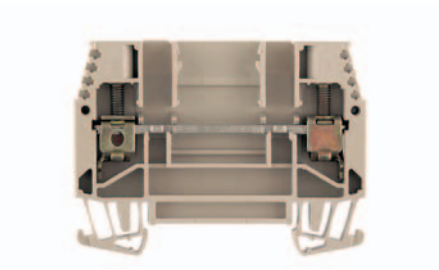
Delivery times see page X.2

Measuring-disconnecting terminals

WTD 6/1 — 6 mm²



7.9 x 65 x 48.5
57 / 10
0.5 ... 10

IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 50019
800	300	300	
41	45	45	
6	AWG 20 ...8	AWG 20...8	
6 / 3			
A5 / V-0			

Rated connection	Additional 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	

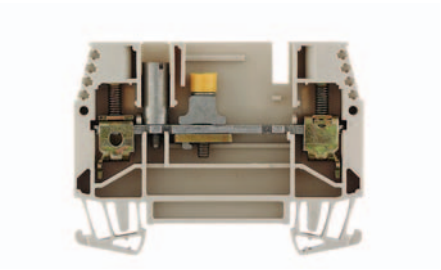
Usage as disconnect terminal 400V.

Type	Qty.	Order No.
WTD 6/1	50	1017100000

TS32 version on request

Type	Current [A]	Qty.	Order No.
QL 2 SAK6N	41	50	0194300000
QL 3 SAK6N	41	50	0194400000
QL 4 SAK6N	36	50	0194500000
QL 10 SAK6N	36	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
QS 2/8/4		20	0270960000
STB 14/D6/4/M3 SAK10		50	0169900000
DEK 8 / WS 12/6,5			

WTQ 6/1 — 6 mm²



7.9 x 65 x 48.5
57 / 10
0.5 ... 10

IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 50019
500	300	300	
41	45	45	
6	AWG 20 ...8	AWG 20...8	
6 / 3			
A5 / V-0			

Rated connection	Additional 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 disconnect terminal 400V.

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	41	50	0194300000
QL 3 SAK6N	41	50	0194400000
QL 4 SAK6N	36	50	0194500000
QL 10 SAK6N	36	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
SSP 3 SAKT1		100	0531760000
QS 2/8/4		20	0270960000
STB 14/D6/4/M3 SAK10		50	0169900000
WS 12/6,5 / DEK 8			

WTL 6/3 — 6 mm²

7.9 x 87 x 65
57 / 10
0.5 ... 10

IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 50019
500	300	300	
41	45	45	
6	AWG 20 ...8	AWG 20...8	
6 / 3			
A5 / V-0			

Rated connection	Additional 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 disconnect terminal 400V.

Type	Qty.	Order No.
WTL 6/3/STB	50	1018600000
WTL 6/3	50	1018800000

TS32 version on request

Type	Current [A]	Qty.	Order No.
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]		
WKS 1/2		50	1604270000
WKS 1/3		50	**1604290000**
WKS 1/4		50	1604310000
PS 4 F.STB 4		20	0299600000
STB 21.6/IH/GE WTL6/3		50	1071010000
STB 21.6/IH/GN WTL6/3		50	1071020000
STB 21.6/IH/VI WTL6/3		50	1071030000
STB 21.6/IH/BL WTL6/3		50	1071080000
SSP WTL6/2		100	1604200000
DEK 8 / WS 12/6,5			

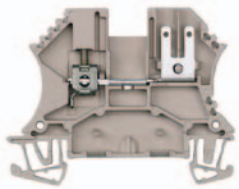
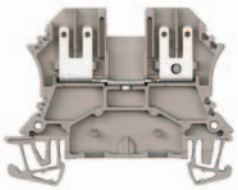
Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Pluggable terminals

Spade connection

Terminals with push-on tabs acc. 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.

		WDU 2.5 F 2.5 mm²	WDU 2.5 FF 2x2.8 1 mm²
			
			Push-on tabs right and left
Width/Length/Height with TS35x7.5	mm	**5.1** x 60 x 47	**5.1** x 60 x 47
Max. current / max. cond. cross-section	A/mm²	**12 / 4**	**12 / 1**
Max. clamping range	mm²	**0.13 ... 4**	**0.13 ... 1**

Technical data

		WDU 2.5 F				WDU 2.5 FF 2x2.8			
		IEC 60947-7-1 / IEC 61210				IEC 60947-7-1 / IEC 61210			
Rated data		**IEC**	**UL**	**CSA**	**EN 50019**	**IEC**	**UL**	**CSA**	**EN 50019**
Rated voltage	V	500	300	300		500	300	300	
Rated current	A	12	10	10		12	10	10	
Rated cross-section	mm²	2.5	AWG 26 …12	AWG 26…12		1	AWG 22 …12	AWG 26…12	
Rated impulse voltage / Pollution severity	kV/-	6 / 3				6 / 3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		A3 / V-0				/ V-0			
Approvals									
Clampable conductors (H05V/H07V)		**Rated connection**		**Additional connection**		**Rated connection**		**Additional connection**	
Solid / stranded	mm²	0.5…4 / 1.5…4							
Flexible / flexible w. wire end ferrule	mm²	0.5…4 / 0.5…2.5		1…1		1…1			
Tightening torque range (clamping screw)	Nm	0.4…0.8 (M 2.5)							
Stripping length / blade size	mm / -	10 / 3.5 x 0.6							
2 clampable conductors of equal cross-section									
Solid / stranded	mm²	0.5…1.5							
Flexible / flexible w. wire end ferrule	mm²	0.5…1.5 / 0.5…1.5							
Information		With insulating sleeves for spade connectors the voltage increases to 500V. The current is limited by 2.8mm spade connectors with conductor 1mm².				With insulating sleeves for spade connectors the voltage increases to 500V. The current is limited by 2.8mm spade connectors.			

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige Wemid	WDU 2.5 F 2X2.8	100	1021800000	WDU 2.5 FF 2X2.8	100	1021900000
	blue Wemid						
Information		Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, Qty. 500)			Technical data refer to 2.8mm spade connectors with conductor 1mm²		

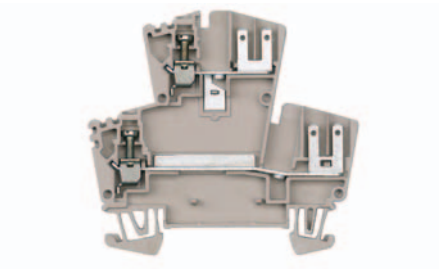
Accessories

Cross-connection, pluggable		Type	Current [A]	Qty.	Order No.	Type	Current [A]	Qty.	Order No.
(ZQV 2.5N/4)	2-pole								
	3-pole								
	4-pole								
	10-pole								
	41-/50-pole								
Cross-connection, screwable			**Current [A]**				**Current [A]**		
(WQV 2.5-3)	2-pole	WQV 2.5/2	32	50	1053660000	WQV 2.5/2	32	50	1053660000
	3-pole	WQV 2.5/3	32	50	1053760000	WQV 2.5/3	32	50	1053760000
	4-pole	WQV 2.5/4	32	50	1053860000	WQV 2.5/4	32	50	1053860000
	10-pole	WQV 2.5/10	32	20	1054460000	WQV 2.5/10	32	20	1054460000
End plate / partition			**Width [mm]**				**Width [mm]**		
End plate	dark beige Wemid	WAP 2.5-10	1.5	50	1050000000	WAP 2.5-10	1.5	50	1050000000
	blue Wemid	WAP 2.5-10 BL	1.5	50	1050080000	WAP 2.5-10 BL	1.5	50	1050080000
Partition	dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5	20	1050100000	WAP 16+35 WTW 2.5-10	1.5	20	1050100000
	blue Wemid	WAP 16+35 WTW 2.5-10 BL	1.5	20	1050180000	WAP 16+35 WTW 2.5-10 BL	1.5	20	1050180000
End bracket			**Width [mm]**				**Width [mm]**		
	dark beige	WEW-35/2	8	100	1061200000	WEW-35/2	8	100	1061200000
Testing									
For testing of wired terminal strips	Standard version								
	With spigot								
Cover									
	With elec. shock warn. symbol								
	neutral								
Marking systems (see large assortment in chapter M)									
	Tags	WS 12/5 / DEK 5				WS 12/5 / DEK 5			
For detailed information on additional accessories and usage instructions see chapter accessories.		**Insulating sleeves for spade connectors 2.8mm order no. 0386060000 (Qty. 100)**				**Insulating sleeves for spade connectors 2.8mm order no. 0386060000 (Qty.10)**			

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Pluggable terminals

WDK 2.5 F — 2.5 mm²



5.1 x 69.5 x 63
12 / 4
0.13 ... 4

IEC 60947-7-1 / IEC 61210

IEC	UL	CSA	EN 50019
400	300	300	
12	10	10	
2.5	AWG 22 ...12	AWG 26...12	
6 / 3			
A3 / V-0			

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

With insulating sleeves for spade connectors the voltage increases to 500V. The current is limited by 2.8mm spade connectors with conductor 1mm².

Type	Qty.	Order No.
WDK 2.5 F	100	**1021600000**
WDK 2.5 F BL	100	**1021680000**

Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, Qty. 500)

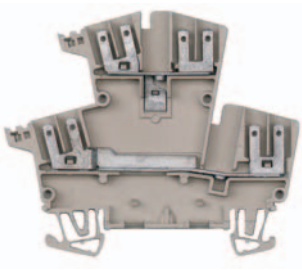
Type	Current [A]	Qty.	Order No.
	Current [A]		
WQV 2.5/2	32	50	**1053660000**
WQV 2.5/3	32	50	**1053760000**
WQV 2.5/4	32	50	**1053860000**
WQV 2.5/10	32	20	**1054460000**
	Width [mm]		
WAP WDK2.5	1.5	20	**1059100000**
WAP WDK2.5 BL	1.5	20	**1059180000**
WTW EN	1.5	20	**1058800000**
	Width [mm]		
WEW-35/2	8	100	**1061200000**

DEK 5 / WS 8/5

Insulating sleeves for spade connectors 2.8mm order no. 0386060000 (Qty. 100)

WDK 2.5 FF — 1 mm²

Flat plugs right and left



5.1 x 75.5 x 63
12 / 1
0.13 ... 1

IEC 60947-7-1 / IEC 61210

IEC	UL	CSA	EN 50019
400	300	300	
12	10	10	
1	AWG 22 ...12	AWG 26...12	
6 / 3			
/ V-0			

Rated connection	Additional connection
1...1	

With insulating sleeves for spade connectors the voltage increases to 500V. The current is limited by 2.8mm spade connectors.

Type	Qty.	Order No.
WDK 2.5 FF	100	**1021700000**
WDK 2.5 FF BL		**1021780000**

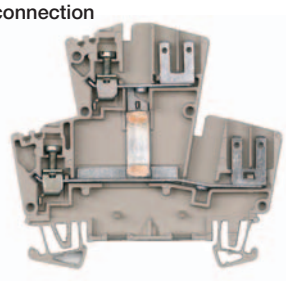
Type	Current [A]	Qty.	Order No.
	Current [A]		
WQV 2.5/2	32	50	**1053660000**
WQV 2.5/3	32	50	**1053760000**
WQV 2.5/4	32	50	**1053860000**
WQV 2.5/10	32	20	**1054460000**
	Width [mm]		
WAP WDK2.5	1.5	20	**1059100000**
WAP WDK2.5 BL	1.5	20	**1059180000**
WTW EN	1.5	20	**1058800000**
	Width [mm]		
WEW-35/2	8	100	**1061200000**

WS 8/5 / DEK 5

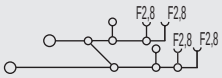
Insulating sleeves for spade connectors 2.8mm order no. 0386060000 (Qty. 100)

WDK 2.5 FV — 2.5 mm²

Double level push-on tab terminal with internal cross-connection



5.1 x 69.5 x 63
12 / 4
0.13 ... 4



IEC 60947-7-1 / IEC 61210

IEC	UL	CSA	EN 50019
400	300	300	
12	10	10	
2.5	AWG 22 ...12	AWG 26...12	
6 / 3			
A3 / V-0			

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

With insulating sleeves for spade connectors the voltage increases to 500V. The current is limited by 2.8mm spade connectors with conductor 1mm².

Type	Qty.	Order No.
WDK 2.5 FV	100	**1022400000**

Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, Qty. 500)

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	1.5	20	**1058800000**
	Width [mm]		
WEW-35/2	8	100	**1061200000**

WS 8/5 / DEK 5

Insulating sleeves for spade connectors 2.8mm order no. 0386060000 (Qty. 100)

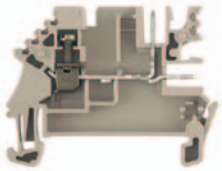
Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

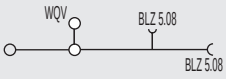
Pluggable terminals

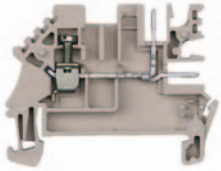
Connector connection

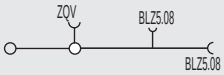
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

		WDU 1.5 BLZ 5.08 WQV	1.5 mm²	WDU 1.5 BLZ 5.08 ZQV	1.5 mm²
		Screwable cross-connection		Pluggable cross-connection	
Width/Length/Height with TS35x7.5	mm	**5.08** x 49 x 37.5		**5.08** x 49 x 37.5	
Max. current / max. cond. cross-section	A/mm²	**16 / 4**		**16 / 4**	
Max. clamping range	mm²	**0.13 ... 4**		**0.13 ... 4**	









Technical data

		IEC	UL	CSA	EN 50019
Rated data		IEC 60947-7-1 / IEC 61984			
Rated voltage	V	250	300	300	
Rated current	A	16	20	10	
Rated cross-section	mm²	1.5	AWG 26 …16	AWG 26…16	
Rated impulse voltage / Pollution severity	kV/-	4 / 3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		A3 / V-0			
Approvals					

		Rated connection	Plug connector	Rated connection	Plug connector
Clampable conductors (H05V/H07V)					
Solid / stranded	mm²	0.5…4 / 1.5…4	0.5…2.5 / 1.5…2.5	0.5…4 / 1.5…4	0.5…2.5 / 1.5…2.5
Flexible / flexible w. wire end ferrule	mm²	0.5…4 / 0.5…2.5	0.5…2.5 / 0.5…2.5	0.5…4 / 0.5…2.5	0.5…2.5 / 0.5…2.5
Tightening torque	Nm	0.4…0.6 (M 2.5)	0.4…0.5 (M 2.5)	0.4…0.6 (M 2.5)	0.4…0.5 (M 2.5)
Stripping length / blade size	mm / -	10 / 3.5 x 0.6	7 / 3.5 x 0.6	10 / 3.5 x 0.6	7 / 3.5 x 0.6
2 clampable conductors of equal cross-section					
Solid / stranded	mm²	0.5…1.5		0.5…1.5	
Flexible / flexible w. wire end ferrule	mm²	0.5…1.5 / 0.5…1.5		0.5…1.5 / 0.5…1.5	
Information		Dimensions with socket connector BLZ: length 57.5mm / height 50mm		Dimensions with socket connector BLZ: length 57.5mm / height 50mm	

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige Wemid	WDU 1.5/BLZ 5.08	100	1577340000	WDU 1.5/ZQV/BLZ 5.08	100	1784460000
blue Wemid	WDU 1.5/BLZ 5.08 BL	100	1596900000	WDU 1.5/ZQV/BLZ 5.08 BL	100	1784470000
Information	WDU 1.5 BLA order no. 1577260000 (VPE 100). Technical data like WDU 1.5 BLZ.			Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, VPE 500)		

Accessories

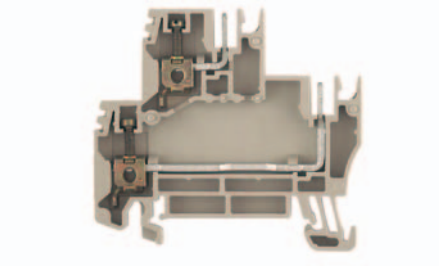
Cross-connection	Type	Current [A]	Qty.	Order No.	Type	Current [A]	Qty.	Order No.
pluggable (ZQV) screwable (WQV) 2-pole	WQV 2.5/2	32	50	1053660000	ZQV 2.5N/2 GE	24	60	1693800000
3-pole	WQV 2.5/3	32	50	1053760000	ZQV 2.5N/3 GE	24	60	1693810000
4-pole	WQV 2.5/4	32	50	1053860000	ZQV 2.5N/4 GE	24	60	1693820000
10-pole	WQV 2.5/10	32	20	1054460000	ZQV 2.5N/10 GE	24	20	1693880000
End plate		**Width [mm]**				**Width [mm]**		
With spigot	WAP WDU1.5/BLZ/ZA	2.5	50	1577320000	WAP WDU1.5/BLZ/ZA	2.5	50	1577320000
without spigot	WAP WDU1.5/BLZ	2.5	50	1577330000	WAP WDU1.5/BLZ	2.5	50	1577330000
Fixing block for socket connector								
With spigot	WBB ZA WDU1.5/BL 10/10		10	1068260000	WBB ZA WDU1.5/BL 10/10		10	1068260000
without spigot	WBB WDU1.5/BL…		10	1068160000	WBB WDU1.5/BL…		10	1068160000
Socket connectors								
4-pole	BLZ 5.08/4 SN OR		100	1526660000	BLZ 5.08/4 SN OR		100	1526660000
6-pole	BLZ 5.08/6 SN OR		50	1526860000	BLZ 5.08/6 SN OR		50	1526860000
8-pole	BLZ 5.08/8 SN OR		50	1527060000	BLZ 5.08/8 SN OR		50	1527060000
With dovetail on the side 4-pole	BLZ 5.08/4B SN OR		100	1528960000	BLZ 5.08/4B SN OR		100	1528960000
With dovetail on the side 6-pole	BLZ 5.08/6B SN OR		50	1529160000	BLZ 5.08/6B SN OR		50	1529160000
With dovetail on the side 8-pole	BLZ 5.08/8B SN OR		50	1529360000	BLZ 5.08/8B SN OR		50	1529360000
Other accessories								
Cover for unused pins	WAD WDU1.5/BL		20	1577400000	WAD WDU1.5/BL		20	1577400000
Coding element	BLZ-KO SW		50	1545710000	BLZ-KO SW		50	1545710000
Marking systems (see large assortment in chapter M)								
Tags	WS 12/5 / DEK 5				WS 12/5 / DEK 5			
For detailed information on additional accessories and usage instructions see chapter accessories.	Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, VPE 500)							

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

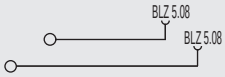
Pluggable terminals

WDK 2.5 BLZ/5.08 — 2.5 mm²

Double terminal pitch 5.08



5.08 x 58 x 53
18 / 4
0.13 ... 4



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 50019
250	300	300	
16.5	10	24	
2.5	AWG 22 ...12	AWG 26...10	
4 / 3			
A3 / V-0			

Rated connection	Plug 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 / 3.5 x 0.6	7 / 3.5 x 0.6
0.5...1.5	
0.5...1.5 / 0.5...1.5	

Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, VPE 500)

Type	Qty.	Order No.
WDK 2.5/BLZ/5.08/ZA	100	1034400000

Dimensions with socket connector BLZ: length 60mm / height 65mm; max. current 18A only up to 20°C ambient temperature

Type	Current [A]	Qty.	Order No.
	Width [mm]		
WAP WDK2.5/BLZ/M.ZA	5.08	20	1070100000
WAP WDK2.5/BLZ/M.ZA	5.08	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
DEK 5 / WS 8/5			

Cross-connection WQB A lying outside see section Accessories W-series Electrical distribution

WDU 2.5 BLZ/7.62 — 2.5 mm²

Pitch 7.62

7.62 x 49 x 37.5
24 / 4
0.13 ... 4

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 50019
400			
21.5			
2.5			
6 / 3			
A3 / V-0			

Rated connection	Plug connector
0.5...4 / 1.5...2.5	0.5...2.5 / 1.5...2.5
0.5...2.5 / 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 / 3.5 x 0.6	7 / 3.5 x 0.6
0.5...1.5	
0.5...1.5 / 0.5...1.5	

Max. current 24 A only up to 20°C ambient temperature

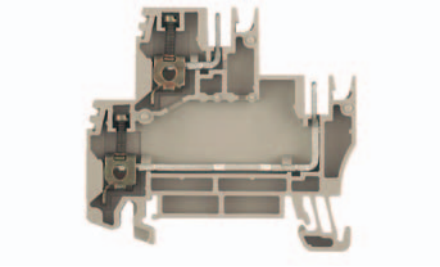
Type	Qty.	Order No.
WDU 2.5/BLZ/7.62	100	1038900000

Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, VPE 500)

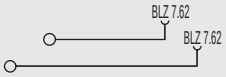
Type	Current [A]	Qty.	Order No.
	Width [mm]		
WAP WDU1.5/BLZ/ZA	2.5	50	1577320000
WAP WDU1.5/BLZ	2.5	50	1577330000
WBB ZA WDU2.5/BLZ7.62		10	1073600000
WBB WDU2.5/BLZ7.62		10	1073500000
BLZ 5.08/4 SN OR		100	1526660000
BLZ 5.08/6 SN OR		50	1526860000
BLZ 5.08/8 SN OR		50	1527060000
BLZ 5.08/4B SN OR		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
DEK 5 / WS 12/6,5			

WDK 2.5 BLZ/7.62 — 2.5 mm²

Double terminal pitch 7.62



7.62 x 58 x 53
20 / 4
0.13 ... 4



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 50019
400			
18.5			
2.5			
6 / 3			
A3 / V-0			

Rated connection	Plug 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 / 3.5 x 0.6	7 / 3.5 x 0.6
0.5...1.5	
0.5...1.5 / 0.5...1.5	

Max. current 20A only up to 20°C ambient temperature; dimensions including socket connector BLZ: length 60mm / height 65mm

Type	Qty.	Order No.
WDK 2.5 BLZ/7.62/ZA	50	1038500000

Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, VPE 500)

Type	Current [A]	Qty.	Order No.
	Width [mm]		
WAP WDK2.5/BLZ/O.ZA	5.08	20	1070000000
WAP WDK2.5/BLZ/O.ZA	5.08	20	1070000000
WBB ZA WDK2.5/BLZ7.62		10	1072960000
WBB WDK2.5/BLZ7.62		10	1072860000
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
DEK 5 / WS 12/6,5			

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

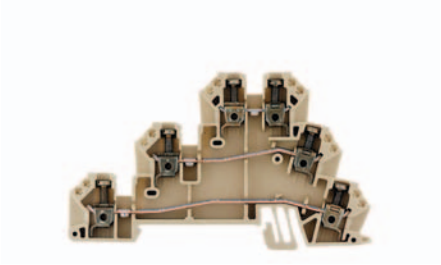
Initiator and actuator terminals

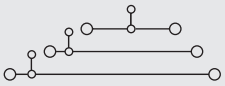
Initiator and actuator terminals

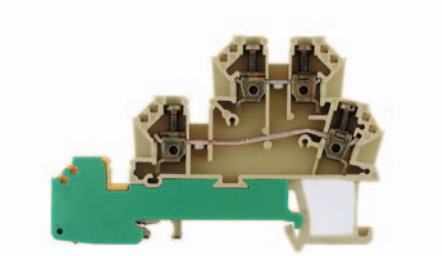
Three terminals in one! Weidmüller`s cost effective initiator and actuator terminals.

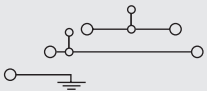
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

		DLD 2.5	DLD 2.5 PE
		2.5 mm²	2.5 mm²
		Voltage supply	Lower level grounded
Width/Length/Height with TS35x7.5	mm	**6.1** x 82 x 49	**6.1** x 74.5 x 49
Max. current / max. cond. cross-section	A/mm²	**24 / 4**	**17.5 / 4**
Max. clamping range	mm²	**0.13 ... 4**	**0.13 ... 4**









Technical data

Rated data		DLD 2.5 (IEC 60947-7-1) IEC	UL	CSA	EN 50019	DLD 2.5 PE (IEC 60947-7-1) IEC	UL	CSA	EN 50019
Rated voltage	V	250	300	300		250	300	300	
Rated current	A	24	10	10		17.5	10	10	
Rated cross-section	mm²	2.5	AWG 22 ...12	AWG 26...12		2.5	AWG 26 ...12	AWG 26...12	
Rated impulse voltage / Pollution severity	kV/-	4 / 3				4 / 3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		A3 / V-0				A3			
Approvals									
Electronic fixtures									
Diode current / diode voltage	V / A								
LED-voltage, LED-current, polarity	V / mA / -								
Resistance	-/V								

Clampable conductors (H05V/H07V)		DLD 2.5 Rated connection	Additional connection	DLD 2.5 PE Rated connection	Additional connection
Solid / stranded	mm²	0.5...4 / 1.5...4		0.5...4 / 0.5...4	
Flexible / flexible w. wire end ferrule	mm²	0.5...4 / 0.5...2.5		0.5...4 / 0.5...2.5	
Tightening torque range (clamping screw)	Nm	0.4...0.6 (M 2.5)		0.4...0.6 (M 2.5)	
Stripping length / blade size	mm / -	7 / 3.5 x 0.6		7 / 3.5 x 0.6	

Information

DLD 2.5: The rated voltage is reduced to 30 V ac, if the cross-connection is used to bypass a pole with a different potential.

DLD 2.5 PE: If the cross-connection is used to bypass a pole (different potential) or if it is lead via the PE connection, the voltage is reduced to 30 V ac.

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
Design of terminal	dark beige Wemid	DLD 2.5 DB	50	1784180000	DLD 2.5/PE DB	50	1783790000
see circuit diagram above	green Wemid						
	Dark beige Wemid (LED red)						
	Dark beige Wemid (LED green)						

Information

DLD 2.5: Blue-coloured version Order No. 6269250000 (Qty. 50)

DLD 2.5/PE DB: Partition disc TSCH 1 Order No. 0319160000 (Qty. 100)) Partial end plate TEAP DLD2.5/PE DB Order No. 1783810000 (Qty. 20)

Accessories

Cross-connection, pluggable		Type	Current [A]	Qty.	Qty.	Type	Current [A]	Qty.	Qty.
(ZQV 2.5N/4)	2-pole								
	3-pole								
	4-pole								
	10-pole								
	50-pole								
Cross-connection, screwable			**Current [A]**				**Current [A]**		
WQV 2.5-3	2-pole	Q 2 DLI	20	50	1312500000	Q 2 DLI	20	50	1312500000
	3-pole	Q 3 DLI	20	50	1312600000	Q 3 DLI	20	50	1312600000
	4-pole	Q 4 DLI	20	50	1312700000	Q 4 DLI	20	50	1312700000
	10-pole	Q 4 DLI	20	50	1312700000	Q 4 DLI	20	50	1312700000
End plate / partition			**Width [mm]**				**Width [mm]**		
	dark beige Wemid	AP DLD2.5 DB	1.5	20	1784210000	AP DLD2.5/PE DB	1.5	20	1783800000
End bracket			**Width [mm]**				**Width [mm]**		
	dark beige / beige	EW 35	8.5	50	0383560000	EW 35	8.5	50	0383560000
Screwdriver									
	w. cutting device "swifty set"								
	Standard version	SD 0.6X3.5X100		10	9008330000	SD 0.6X3.5X100		10	9008330000
Reducing sleeves									
	for conductors < 0.5mm² / AWG 20								
	for conductors < 1.0mm² / AWG 18								
Marking systems (see large assortment in chapter M)									
	Tags	DEK 6				DEK 6			

For detailed information on additional accessories and usage instructions see chapter accessories.

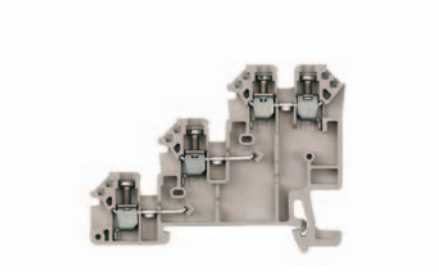
DLD 2.5: Partition disc TSCH 1 Order No. 0319160000 (Qty. 100)) Partial end plate TEAP DLD2.5 DB Order No.1784220000 (Qty. 20)

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

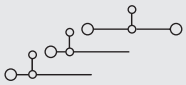
Initiator and actuator terminals

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 50019
250	300	300	
24	10	10	
2.5	AWG 22 ...12	AWG 26...12	
4 / 3			
A3 / V-0			

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

Socket StB 8.5 in upper busbar (with test plug PS 2.3) see accessories W-Series

Type	Qty.	Order No.
DLI 2,5 DB	100	1783820000

The rated voltage is reduced to 30 V ac if a pole is bypassed (different potential).

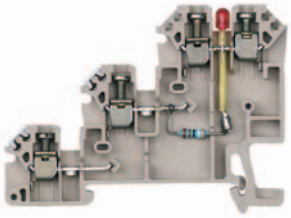
Type	Current [A]	Qty.	Qty.
	Current [A]		
Q 2 DLI	20	50	1312500000
Q 3 DLI	20	50	1312600000
Q 4 DLI	20	50	1312700000
Q 4 DLI	20	50	1312700000
	Width [mm]		
AP DLI2.5 DB	1.5	20	1783550000
	Width [mm]		
EW 35	8.5	50	0383560000
SD 0.6X3.5X100		10	9008330000

DEK 6

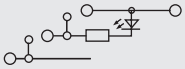
Partition disc TSCH 1 Order No. 0319160000 (Qty. 100)

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 50019
30	30	30	
24	10	10	
2.5	AWG 22 ...12	AWG 26...12	
0.8 / 3			
A3 / V-0			

30 / 5

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

Type	Qty.	Order No.
DLI 2.5/LD-RT/PNP +- DB	100	1783980000
DLI 2.5/LD-GN/PNP +- DB	100	1783970000

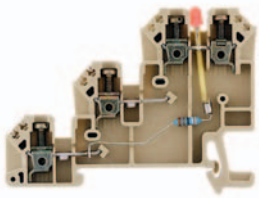
Type	Current [A]	Qty.	Qty.
	Current [A]		
Q 2 DLI	20	50	1312500000
Q 3 DLI	20	50	1312600000
Q 4 DLI	20	50	1312700000
Q 4 DLI	20	50	1312700000
	Width [mm]		
AP DLI2.5 DB	1.5	20	1783550000
	Width [mm]		
EW 35	8.5	50	0383560000
SD 0.6X3.5X100		10	9008330000

DEK 6

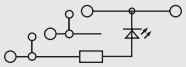
Partition disc TSCH 1 Order No. 0319160000 (Qty. 100)

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 50019
30	30	30	
24	10	10	
2.5	AWG 22 ...12	AWG 26...12	
0.8 / 3			
A3 / V-0			

30 / 5

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

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.	Qty.
	Current [A]		
Q 2 DLI	20	50	1312500000
Q 3 DLI	20	50	1312600000
Q 4 DLI	20	50	1312700000
Q 4 DLI	20	50	1312700000
	Width [mm]		
AP DLI2.5 DB	1.5	20	1783550000
	Width [mm]		
EW 35	8.5	50	0383560000
SD 0.6X3.5X100		10	9008330000

DEK 6

Partition disc TSCH 1 Order No. 0319160000 (Qty. 100)

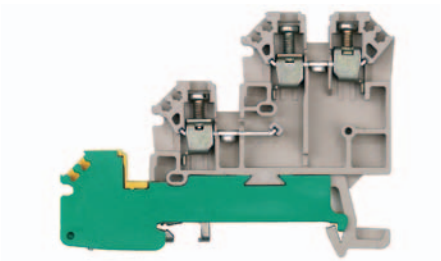
Initiator and actuator terminals

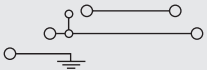
Initiator and actuator terminals

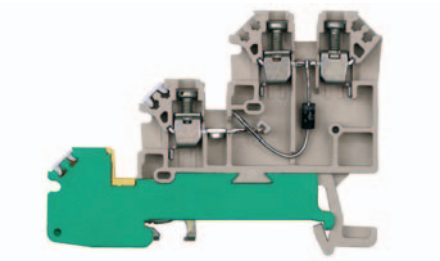
Three terminals in one! Weidmüller`s cost effective initiator and actuator terminals.

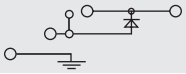
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

		DLA 2.5	DLA 2.5/D
		2.5 mm²	2.5 mm²
		Actuator-connection (signal,-,PE)	Actuator-connection (circuit with diode)
Width/Length/Height with TS35x7.5	mm	**6.1** x 65 x 49	**6.1** x 65 x 49
Max. current / max. cond. cross-section	A/mm²	**26 / 4**	**17.5 / 4**
Max. clamping range	mm²	**0.13 ... 4**	**0.13 ... 4**









Technical data

		DLA 2.5				DLA 2.5/D			
		IEC 60947-7-1 (-7-2)				IEC 60947-7-1 (-7-2)			
Rated data		**IEC**	**UL**	**CSA**	**EN 50019**	**IEC**	**UL**	**CSA**	**EN 50019**
Rated voltage	V	250	300	300		250	300	300	
Rated current	A	17.5	10	10		17.5	10	10	
Rated cross-section	mm²	2.5	AWG 22 …12	AWG 26…12		2.5	AWG 22 …12	AWG 26…12	
Rated impulse voltage / Pollution severity	kV/-	4 / 3				4 / 3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		A3 / V-0				A3 / V-0			
Approvals									
Electronic fixtures									
Diode current / diode voltage	V / A					1000 / 1			
LED-voltage, LED-current, polarity	V / mA / -								
Resistance	-/V					/ 1000			
Clampable conductors (H05V/H07V)		**Rated connection**		**Additional connection**		**Rated connection**		**Additional connection**	
Solid / stranded	mm²	0.5…4 / 1.5…4				0.5…4 / 1.5…4			
Flexible / flexible w. wire end ferrule	mm²	0.5…4 / 0.5…2.5				0.5…4 / 0.5…2.5			
Tightening torque range (clamping screw)	Nm	0.4…0.6 (M 2.5)				0.4…0.6 (M 2.5)			
Stripping length / blade size	mm / -	7 / 3.5 x 0.6				7 / 3.5 x 0.6			
Information		If the cross-connection is used to bypass a pole (different potential) or if it is lead via the PE connection, the voltage is reduced to 30 V ac.				If the cross-connection is used to bypass a pole (different potential) or if it is lead via the PE connection, the voltage is reduced to 30 V ac.			

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
Design of terminal	dark beige Wemid	DLA 2.5 DB	100	1783560000	DLA 2.5/D DB	100	1783590000
see circuit diagram above	green Wemid						
	Dark beige Wemid (LED red)						
	Dark beige Wemid (LED green)						
Information							

Accessories

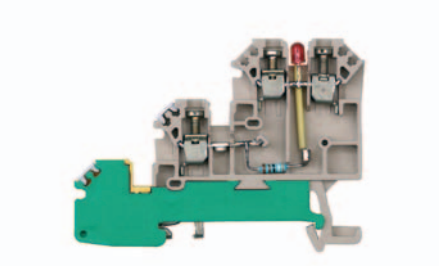
		Type	Current [A]	Qty.	Qty.	Type	Current [A]	Qty.	Qty.
Cross-connection, pluggable									
(ZQV 2.5N/4)	2-pole								
	3-pole								
	4-pole								
	10-pole								
	50-pole								
Cross-connection, screwable			**Current [A]**				**Current [A]**		
WQV 2.5-3	2-pole	Q 2 DLI	20	50	1312500000	Q 2 DLI	20	50	1312500000
	3-pole	Q 3 DLI	20	50	1312600000	Q 3 DLI	20	50	1312600000
	4-pole	Q 4 DLI	20	50	1312700000	Q 4 DLI	20	50	1312700000
	10-pole	Q 4 DLI	20	50	1312700000	Q 4 DLI	20	50	1312700000
End plate / partition			**Width [mm]**				**Width [mm]**		
	dark beige Wemid	AP DLI2.5 DB	1.5	20	1783550000	AP DLI2.5 DB	1.5	20	1783550000
End bracket			**Width [mm]**				**Width [mm]**		
	dark beige / beige	EW 35	8.5	50	0383560000	EW 35	8.5	50	0383560000
Screwdriver									
	w. cutting device "swifty set"								
	Standard version	SD 0.6X3.5X100		10	9008330000	SD 0.6X3.5X100		10	9008330000
Reducing sleeves									
	for conductors < 0.5mm² / AWG 20								
	for conductors < 1.0mm² / AWG 18								
Marking systems (see large assortment in chapter M)									
	Tags	DEK 6				DEK 6			
For detailed information on additional accessories and usage instructions see chapter accessories.		Partition disc TSCH 1 Order No. 0319160000 (Qty. 100)				Partition disc TSCH 1 Order No. 0319160000 (Qty. 100)			

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Initiator and actuator terminals

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 50019
30	30	30	
17.5	10	10	
2.5	AWG 22 ...12	AWG 26...12	
0.8 / 3			
A3 / V-0			
30 / 5			

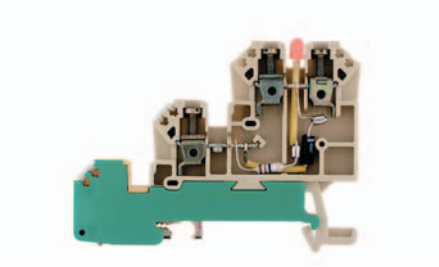
Rated connection	Additional connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 (M 2.5)	
7 / 3.5 x 0.6	

Type	Qty.	Order No.
DLA 2.5/LD-RT DB	100	**1783600000**
DLA 2.5/LD-GN DB	100	**1783610000**

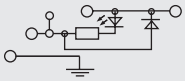
Type	Current [A]	Qty.	Qty.
	Current [A]		
Q 2 DLI	20	50	1312500000
Q 3 DLI	20	50	1312600000
Q 4 DLI	20	50	1312700000
Q 4 DLI	20	50	1312700000
	Width [mm]		
AP DLI2.5 DB	1.5	20	1783550000
	Width [mm]		
EW 35	8.5	50	0383560000
SD 0.6X3.5X100		10	9008330000
DEK 6			
Partition disc TSCH 1 Order No. 0319160000 (Qty. 100)			

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 50019
30	30	30	
17.5	10	10	
2.5	AWG 22 ...12	AWG 26...12	
0.8 / 3			
A3 / V-0			
1000 / 1			
30 / 5			
/ 1000			

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

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.	Qty.
	Current [A]		
Q 2 DLI	20	50	1312500000
Q 3 DLI	20	50	1312600000
Q 4 DLI	20	50	1312700000
Q 4 DLI	20	50	1312700000
	Width [mm]		
AP DLI2.5 DB	1.5	20	1783550000
	Width [mm]		
EW 35	8.5	50	0383560000
SD 0.6X3.5X100		10	9008330000
DEK 6			
Partition disc TSCH 1 Order No. 0319160000 (Qty. 100)			

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

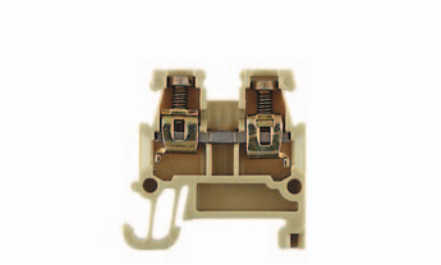
Mini terminals TS 15

AKZ TS15

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.

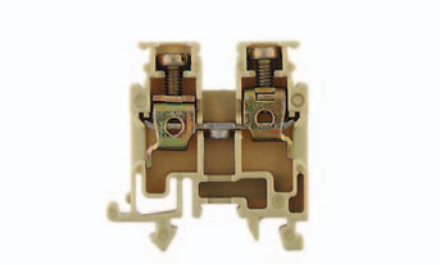
AKZ 1.5 — 1.5 mm²

Feed-through terminal (V2)



AKZ 2.5 — 2.5 mm²

Feed-through terminal (V2)



		AKZ 1.5	AKZ 2.5
Width/Length/Height with TS15x5.5	mm	**5.1** x 24.8 x 25	**5.1** x 25.5 x 26.5
Max. current / max. cond. cross-section	A/mm²	**24 / 2.5**	**32 / 4**
Max. clamping range	mm²	**0.21 ... 2.5**	**0.13 ... 4**

Technical data

		AKZ 1.5				AKZ 2.5			
		IEC 60947-7-1			EEx e II T II 2 G D	IEC 60947-7-1			EEx e II T II 2 G D
Rated data		**IEC**	**UL**	**CSA**	**EN 50019**	**IEC**	**UL**	**CSA**	**EN 50019**
Rated voltage (PE: for adjacent terminal)	V	250	150	300	175	250	300	300	175
Rated current	A	17.5	15	10	10	24	10	10	15
Rated cross-section	mm²	1.5	AWG 22 ...14	AWG 24...16	1.5	2.5	AWG 22 ...12	AWG 26...12	2.5
Rated impulse voltage / Pollution severity	kV/-	4 / 3				4 / 3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		A1 / V2				A3 / V2			
Approvals					SIRA 02ATEX3001 U				SIRA 02ATEX3001 U
Clampable conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / stranded	mm²	0.5...2.5 / 1.5...1.5				0.5...4 / 1.5...2.5			
Flexible / flexible w. wire end ferrule	mm²	0.5...1.5 / 0.5...1.5				0.5...2.5 / 0.5...2.5			
Tightening torque range (clamping screw)	Nm	0.4...0.6 (M 2.5)				0.4...0.6 (M 2.5)			
Stripping length / blade size	mm / -	7 / 3.0 x 0.5				7 / 3.0 x 0.5			
2 clampable conductors of equal cross-section									
Solid / stranded	mm²	0.5...1				0.5...1.5			
Flexible / flexible w. wire end ferrule	mm²	0.5...1 / 0.5...0.75				0.5...1.5 / 0.5...1.5			
Information									

Ordering data

Version	AKZ 1.5 Type	Qty.	Order No.	AKZ 2.5 Type	Qty.	Order No.
dark beige Wemid (PA)	AKZ 1.5	100	0340460000	AKZ 2.5	100	697160000
blue Wemid (PA)	AKZ 1.5 BL	100	0340480000	AKZ 2.5 BL	100	697180000
green/yellow Wemid (PA)						
Information						

Accessories

		AKZ 1.5 Type	Current [A]	Qty.	Order No.	AKZ 2.5 Type	Current [A]	Qty.	Order No.
Cross-connection, pluggable									
ZQV 2.5N/4	2-pole								
	3-pole								
	4-pole								
	10-pole								
	41-/50-pole								
Cross-connection, screwable			**Current [A]**				**Current [A]**		
Q3	2-pole	Q 2 AKZ1.5	24	50	0368200000	Q 2 AKZ1.5	24	50	0368200000
	3-pole	Q 3 AKZ1.5	24	50	0368300000	Q 3 AKZ1.5	24	50	0368300000
	4-pole	Q 4 AKZ1.5	24	50	0368400000	Q 4 AKZ1.5	24	50	0368400000
	10-pole	Q 4 AKZ1.5	24	50	0368400000	Q 4 AKZ1.5	24	50	0368400000
End plate / partition			**Width [mm]**				**Width [mm]**		
End plate	dark beige Wemid	AP AKZ1.5	1.5	50	0340560000	AP AKZ2.5	2.5	50	0697360000
	blue Wemid	AP AKZ1.5 BL	1.5	50	0340580000	AP AKZ2.5 BL	2.5	50	0697380000
Partition	dark beige Wemid					TW AKZ 2.5	0.5	20	0318560000
	blue Wemid					TW AKZ2.5 BL	0.5	20	0318580000
End bracket			**Width [mm]**				**Width [mm]**		
	dark beige	EW 15	9.5	50	0382860000	EW 15	9.5	50	0382860000
Testing									
	Socket	STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000	STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
	Test plug	PS 2.3 RT		20	0180400000	PS 2.3 RT		20	0180400000
Marking systems	**(see assortment in chapter M)**								
	Tags	DEK 5				DEK 5			

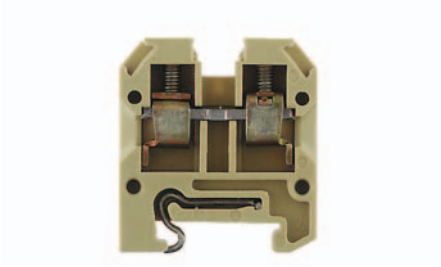
For detailed information on additional accessories and usage instructions see chapter accessories.

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

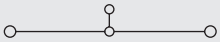
Mini terminals TS 15

AKZ 4 — 4 mm²

Feed-through terminal (V2)



6.1 x 27 x 30.5
41 / 6
0.13 ... 6



IEC 60947-7-1 — EEx e II

IEC	UL	CSA	EN 50019
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...4
0.5...1.0 (M 3)
8 / 3.5 x 0.6
0.5...1.5
0.5...1.5 / 0.5...1.5

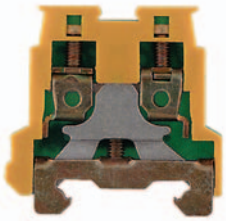
2 conductors 1.5mm² solid have to be connected at 0.6 Nm.

Type	Qty.	Order No.
AKZ 4	100	294360000
AKZ 4 BL	100	294380000

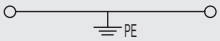
Type	Current [A]	Qty.	Order No.
	Current [A]		
Q 2 AKZ4	24	50	0336400000
Q 3 AKZ4	24	50	0336500000
Q 4 AKZ4	24	50	0336600000
Q 4 AKZ4	24	50	0336600000
	Width [mm]		
AP AKZ4	1.5	20	0294460000
AP AKZ4 BL	1.5	20	0294480000
TW AKZ4	0.5	50	0348260000
	Width [mm]		
EW 15	9.5	50	0382860000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
PS 2.3 RT		20	0180400000
DEK 6			

AKE 2.5 — 2.5 mm²

Fuse terminal (V2)



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



IEC 60947-7-2 — EEx e II

IEC	UL	CSA	EN 50019
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
0.5...1.5
0.5...1.5 / 0.5...1.5

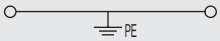
Type	Qty.	Order No.
AKE 2.5	100	1303360000

Type	Current [A]	Qty.	Order No.
	Current [A]		
	Width [mm]		
	Width [mm]		
EW 15	9.5	50	0382860000
DEK 5			

AKE 4 — 4 mm²

Fuse terminal (V2)

7 x 32 x 34.5
/ 6
0.13 ... 6



IEC 60947-7-2 — EEx e II

IEC	UL	CSA	EN 50019
4	AWG 22 ...12	AWG 26...12	4
/ 3			
A3 / V2			

SIRA 02ATEX3001 U

Rated connection
0.5...6 / 1.5...4
0.5...4 / 0.5...2.5
0.5...1.0 (M 3)
9 / 3.5 x 0.6
0.5...1.5
0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
AKE 4	100	0380260000

Type	Current [A]	Qty.	Order No.
	Current [A]		
	Width [mm]		
	Width [mm]		
EW 15	9.5	50	0382860000
DEK 6,5			

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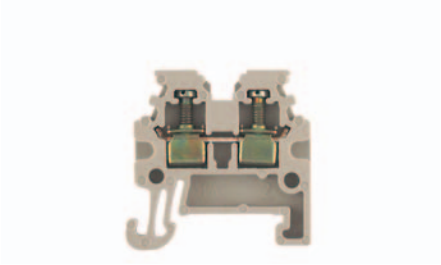
Delivery times see page X.2

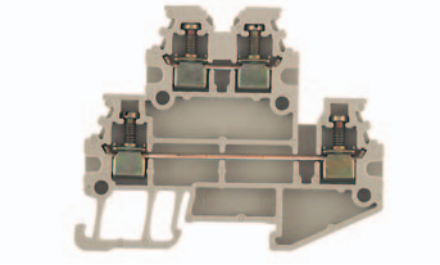
Mini terminals TS 15

W-Series 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.

		WDU 1.5/R 3.5 — 1.5 mm²	WDK 1.5/R3.5 — 1.5 mm²
		Feed-through terminal (V0)	Double feed-through terminal (V0)
Width/Length/Height with TS15x5.5	mm	**3.5** x 24.5 x 25	**3.5** x 46.5 x 38.5
Max. current / max. cond. cross-section	A/mm²	**17.5 / 1.5**	**17.5 / 1.5**
Max. clamping range	mm²	**0.13 ... 1.5**	**0.13 ... 1.5**





Technical data

		WDU 1.5/R 3.5				WDK 1.5/R3.5			
		IEC 60947-7-1			EEx e II T II 2 G D	IEC 60947-7-1			EEx e II T II 2 G D
Rated data		**IEC**	**UL**	**CSA**	**EN 50019**	**IEC**	**UL**	**CSA**	**EN 50019**
Rated voltage (PE: for adjacent terminal)	V	400	300	300	275	400	300	300	275
Rated current	A	17.5	10	10	14	16	10	10	15
Rated cross-section	mm²	1.5	AWG 26 ...14	AWG 26...16	1.5	1.5	AWG 26 ...14	AWG 26...16	1.5
Rated impulse voltage / Pollution severity	kV/-	4 / 3				4 / 3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		A1 / V-0				A1 / V-0			
Approvals					KEMA 99ATEX6545 U				KEMA 99ATEX6545 U
Clampable conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / stranded	mm²	0.5...1.5 / 1.5...1.5				0.5...1.5 / 1.5...1.5			
Flexible / flexible w. wire end ferrule	mm²	0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
Tightening torque range (clamping screw)	Nm	0.3 (M 2)				0.3 (M 2)			
Stripping length / blade size	mm / -	7 / 0.4 x 2.5				7 / 0.4 x 2.5			
2 clampable conductors of equal cross-section									
Solid / stranded	mm²	0.5...0.75				0.5...0.75			
Flexible / flexible w. wire end ferrule	mm²	0.5...0.75 / 0.5...0.5				0.5...0.75 / 0.5...0.5			
Information		PZ 6/5 recommended as crimping tool for 1,5mm² with wire end ferrule				PZ 6/5 recommended as crimping tool for 1,5mm² with wire end ferrule			

Ordering data

Version	WDU 1.5/R3.5 Type	Qty.	Order No.	WDK 1.5/R3.5 Type	Qty.	Order No.
dark beige Wemid (PA)	WDU 1.5/R3.5	100	1753280000	WDK 1.5/R3.5	100	1753290000
blue Wemid (PA)	WDU 1.5/R3.5 BL	100	1754170000	WDK 1.5/R3.5 BL	100	1754180000
green/yellow Wemid (PA)						
Information						

Accessories

		WDU 1.5/R 3.5 Type	Current [A]	Qty.	Order No.	WDK 1.5/R3.5 Type	Current [A]	Qty.	Order No.
Cross-connection, pluggable									
ZQV 2.5N/4	2-pole	ZQV 1.5/2	17.5	60	**1776120000**	ZQV 1.5/2	17.5	60	**1776120000**
	3-pole	ZQV 1.5/3	17.5	60	**1776130000**	ZQV 1.5/3	17.5	60	**1776130000**
	4-pole	ZQV 1.5/4	17.5	60	**1776140000**	ZQV 1.5/4	17.5	60	**1776140000**
	10-pole	ZQV 1.5/10	17.5	20	**1776200000**	ZQV 1.5/10	17.5	20	**1776200000**
	41-/50-pole								
Cross-connection, screwable			**Current [A]**				**Current [A]**		
Q3	2-pole								
	3-pole								
	4-pole								
	10-pole								
End plate / partition			**Width [mm]**				**Width [mm]**		
End plate	dark beige Wemid	WAP WDU1.5/R3.5	1.5	20	**1754190000**	WAP WDK1.5/R3.5	1.5	20	**1754200000**
	blue Wemid								
Partition	dark beige Wemid								
	blue Wemid								
End bracket			**Width [mm]**				**Width [mm]**		
	dark beige	EW 15	9.5	50	**0382860000**	EW 15	9.5	50	**0382860000**
Testing									
	Socket								
	Test plug								
Marking systems	**(see assortment in chapter M)**								
	Tags	DEK 5/3,5				DEK 5/3,5			

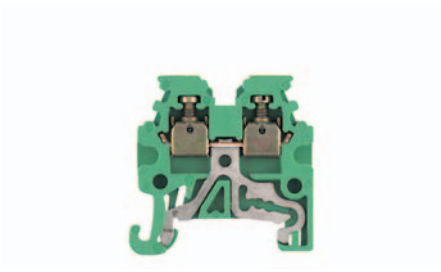
For detailed information on additional accessories and usage instructions see chapter accessories.

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

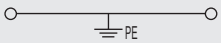
Mini terminals TS 15

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 50019
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			
0.5...0.75			
0.5...0.75 / 0.5...0.5			

PZ 6/5 recommended as crimping tool for 1,5mm² with wire end ferrule

Type	Qty.	Order No.
WPE 1.5/R3.5	100	1798460000

Type	Current [A]	Qty.	Order No.
	Current [A]		
	Width [mm]		
WAP WDU1.5/R3.5	1.5	20	1754190000
	Width [mm]		
EW 15	9.5	50	0382860000
DEK 5/3,5			

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

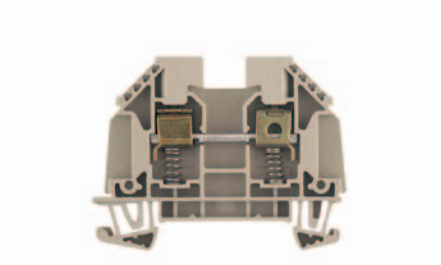
Terminals with spring loaded cable clamps

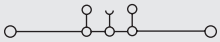
Terminal with external springing

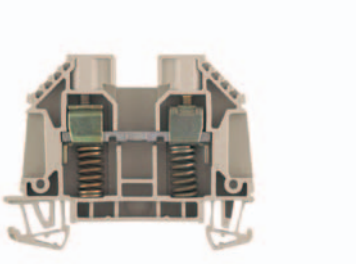
Spring below screw clamp provides additional contact safety.

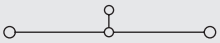
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

		WDU 4 SL	4 mm²	WDU 6 SL	6 mm²
Width/Length/Height with TS35x7.5	mm	**6.1** x 60 x 47		**7.9** x 60 x 47	
Max. current / max. cond. cross-section	A/mm²	**41 / 6**		**57 / 10**	
Max. clamping range	mm²	**0.33 ... 6**		**0.5 ... 10**	









Technical data

		WDU 4 SL				WDU 6 SL			
		IEC 60947-7-1			EEx e II	IEC 60947-7-1			EEx e II
Rated data		**IEC**	**UL**	**CSA**	**EN 50019**	**IEC**	**UL**	**CSA**	**EN 50019**
Rated voltage	V	500	600	300	275	500	150	300	275
Rated current	A	32	30	25	28	41	45	45	36
Rated cross-section	mm²	4	AWG 22 …10	AWG 22…10	4	6	AWG 20 …8	AWG 20…8	6
Rated impulse voltage / Pollution severity	kV/-	6 / 3				6 / 3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		A4 / V-0				A5 / V-0			
Approvals					SIRA 02ATEX3242 U				SIRA 02ATEX3242 U
Clampable conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / stranded	mm²	0.5…6 / 1.5…6				0.5…10 / 1.5…10			
Flexible / flexible w. wire end ferrule	mm²	0.5…4 / 0.5…4				0.5…6 / 0.5…6			
Tightening torque range (clamping screw)	Nm	0.5…1.0 (M 3)				0.8…1.4 (M 3.5)			
Stripping length / blade size	mm / -	15 / 3.5 x 0.6				16 / 4.0 x 0.8			
2 clampable conductors of equal cross-section									
Solid / stranded	mm²	0.5…1.5				1.5…2.5			
Flexible / flexible w. wire end ferrule	mm²	0.5…1.5 / 0.5…1.5				1.5…2.5 / 0.5…2.5			
Information		Mind the max. current of the terminal (41A) when using the cross-connection!				**Rated data ESI: 500V/24A** / Mind the max. current of the terminal (57A) when using the cross-connection!			

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige Wemid	WDU 4 SL	50	9537440000	WDU 6 SL	50	**9537460000**
(Combi-connection TS32/35)	dark beige Wemid	WDU 4 SL/EN	50	9537450000	WDU 6 SL/EN	50	9537470000
(Combi-connection TS32/35)	black PA	WDU 4 SL/EN SW	50	**9537510000**	WDU 6 SL/EN SW	50	**9537430000**
Information		**Hook-shaped cable lug acc. to ESI SO-18 part 2 size 2 (3mm) 2 pieces 0.28…1.5mm²**			**Hook-shaped cable lug acc. to ESI SO-18 part 2 size 1 (3mm) and size 2 (4.6mm) 0.28…1.5/1…2.5mm²**		

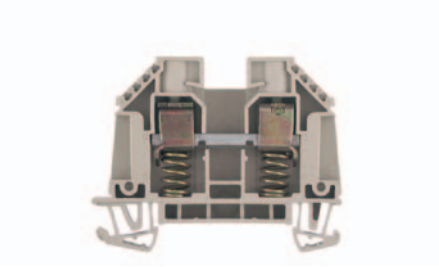
Accessories

Cross-connection, pluggable		Type	Current [A]	Qty.	Order No.	Type	Current [A]	Qty.	Order No.
	2-pole	ZQV 4N/2	32	60	1758250000				
	3-pole	ZQV 4N/3	32	60	1762630000				
	4-pole	ZQV 4N/4	32	60	1762620000				
ZQV 2.5N/4	10-pole	ZQV 4N/10	32	20	1758260000				
	41-/50-pole	ZQV 4N/41	32	10	1758270000				
Cross-connection, screwable			**Current [A]**				**Current [A]**		
	2-pole	WQV 4/2	41	50	1051960000	WQV 6/2	57	50	1052360000
	3-pole	WQV 4/3	41	50	1054560000	WQV 6/3	57	50	1054760000
	4-pole	WQV 4/4	41	50	1054660000	WQV 6/4	57	50	1054860000
WQV 2.5-3	10-pole	WQV 4/10	41	20	1052060000	WQV 6/10	57	20	1052260000
End plate / partition			**Width [mm]**				**Width [mm]**		
End plate	dark beige Wemid	WAP 2.5-10	1.5	50	1050000000	WAP 2.5-10	1.5	50	1050000000
	black wemid	WAP 2.5-10 SW	1.5	50	1050010000	WAP 2.5-10 SW	1.5	50	1050010000
Partition	dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5	20	1050100000	WAP 16+35 WTW 2.5-10	1.5	20	1050100000
End bracket			**Width [mm]**				**Width [mm]**		
	dark beige	WEW-35/2	8	100	1061200000	WEW-35/2	8	100	1061200000
Testing									
	Test adapter	WTA 3 WDU4		25	**1632350000**	WTA 5/1		25	1051260000
Marking systems (see large assortment in chapter M)									
	Tags	WS 12/6 / DEK 5				WS 12/6,5 / DEK 8			
For detailed information on additional accessories and usage instructions see chapter accessories.		**Hook-shaped cable lug 0.25-1.5mm² (black) order no. 9036290000 (Qty 100)**				**Hook-shaped cable lug 0.25-1.5mm² (black) order no. 9036290000 (Qty 100) / 1.25-2.5mm² (black) order no. 9036300000 (Qty 100)**			

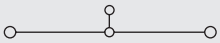
Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Terminals with spring loaded cable clamps

WDU 10 SL — 10 mm²



9.9 x 60 x 47
76 / 16
1.31 ... 16



IEC 60947-7-1 — EEx e II

IEC	UL	CSA	EN 50019
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 / 5.5 x 1.0
2.5...4
2.5...4 / 1...6

Rated data ESI: 500V/36A / 16mm² stranded must be connected at 2 Nm.

Type	Qty.	Order No.
WDU 10 SL	50	9537480000
WDU 10 SL/EN	50	9537490000
WDU 10 SL/EN SW	50	9537410000

Hook-shaped cable lug acc. to ESI SO-18 part 2 size 1 (3mm) and size 2 (4.6mm) 0.28...1.5/1...2.5mm²

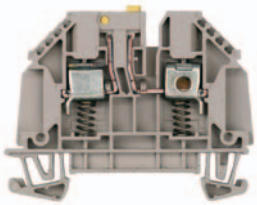
Type	Current [A]	Qty.	Order No.
	Current [A]		
WQV 10/2	76	50	1052560000
WQV 10/3	63	50	1054960000
WQV 10/4	63	50	1055060000
WQV 10/10	63	20	1052460000
	Width [mm]		
WAP 2.5-10	1.5	50	1050000000
WAP 2.5-10 SW	1.5	50	1050010000
WTW EN	1.5	20	1058800000
	Width [mm]		
WEW-35/2	8	100	1061200000
WTA 5/1		25	1051260000

WS 12/6,5 / DEK 5

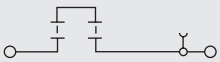
Hook-shaped cable lug 0.25-1.5mm² (black) order no. 9036290000 (Qty. 100) / 1.25-2.5mm² (black) order no. 9036300000 (Qty 100)

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 50019
500	300	300	
32	22	24	
4	AWG 22 ...10	AWG 22...10	4
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 / 3.5 x 0.6
0.5...1.5
0.5...1.5 / 0.5...1.5

UL/CSA 600V possible with end plate WAP or partition plate WTW.

Type	Qty.	Order No.
WTR 4 SL	50	7910270000
WTR 4 SL/EN	50	7910360000
WTR 4 SL/EN SW	50	7910380000

Hook-shaped cable lug acc. to ESI SO-18 part 2 size 2 (3mm) 2 pieces 0.28...1.5mm²

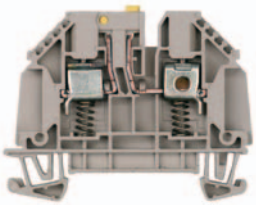
Type	Current [A]	Qty.	Order No.
ZQV 4N/2	32	60	1758250000
ZQV 4N/3	32	60	1762630000
ZQV 4N/4	32	60	1762620000
ZQV 4N/10	32	20	1758260000
ZQV 4N/41	32	10	1758270000
	Current [A]		
	Width [mm]		
WAP 2.5-10	1.5	50	1050000000
WAP 2.5-10 SW	1.5	50	1050010000
WAP 16+35 WTW 2.5-10	1.5	20	1050100000
	Width [mm]		
WEW-35/2	8	100	1061200000

WS 12/6 / DEK 6

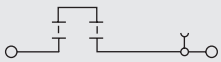
Hook-shaped cable lug 0.25-1.5mm² (black) order no. 9036290000 (Qty. 100)

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 50019
500	300	300	
32	22	24	
4	AWG 22 ...10	AWG 22...10	4
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 / 3.5 x 0.6
0.5...1.5
0.5...1.5 / 0.5...1.5

UL/CSA 600V possible with end plate WAP or partition plate WTW.

Type	Qty.	Order No.
WTR 4 STB SL	50	7910300000
WTR 4 STB SL/EN	50	7910390000
WTR 4 STB SL/EN SW	50	7910410000

Hook-shaped cable lug acc. to ESI SO-18 part 2 size 2 (3mm) 2 pieces 0.28...1.5mm²

Type	Current [A]	Qty.	Order No.
ZQV 4N/2	32	60	1758250000
ZQV 4N/3	32	60	1762630000
ZQV 4N/4	32	60	1762620000
ZQV 4N/10	32	20	1758260000
ZQV 4N/41	32	10	1758270000
	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 / DEK 6

Hook-shaped cable lug 0.25-1.5mm² (black) order no. 9036290000 (Qty. 100)

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

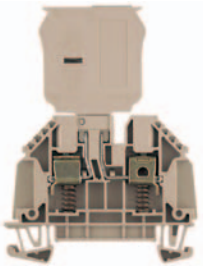
Terminals with spring loaded cable clamps

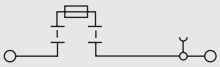
Terminal with external springing

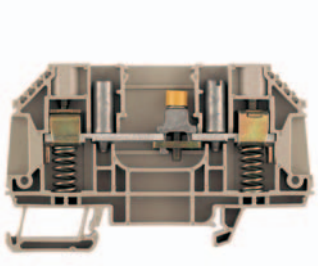
Spring below screw clamp provides additional contact safety.

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.

		WTR 4 SI SL	WTL 6 SL
		4 mm²	6 mm²
		With fuse holder	
Width/Length/Height with TS35x7.5	mm	**6.1** x 61.2 x 80.5	**7.9** x 82.7 x 50.4
Max. current / max. cond. cross-section	A/mm²	**6.3 / 6**	**57 / 10**
Max. clamping range	mm²	**0.33 ... 6**	**0.5 ... 10**







Technical data

		WTR 4 SI SL				WTL 6 SL			
		IEC 60947-7-1 / VDE 0100-537				IEC 60947-7-1 / VDE 0100-537			
Rated data		**IEC**	**UL**	**CSA**	**EN 50019**	**IEC**	**UL**	**CSA**	**EN 50019**
Rated voltage	V	400	300	300		500			
Rated current	A	6.3	6.3	6.3		41			
Rated cross-section	mm²	4	AWG 22 …10	AWG 22…10		6			6
Rated impulse voltage / Pollution severity	kV/-	6 / 3				6 / 3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		A4 / V-0				A5 / V-0			
Approvals									
Clampable conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / stranded	mm²	0.5…6 / 1.5…6				0.5…10 / 1.5…10			
Flexible / flexible w. wire end ferrule	mm²	0.5…4 / 0.5…4				0.5…6 / 0.5…6			
Tightening torque range (clamping screw)	Nm	0.5…1.0 (M 3)				0.8…1.4 (M 3.5)			
Stripping length / blade size	mm / -	13 / 3.5 x 0.6				16 / 4.0 x 0.8			
2 clampable conductors of equal cross-section									
Solid / stranded	mm²	0.5…1.5				1.5…2.5			
Flexible / flexible w. wire end ferrule	mm²	0.5…1.5 / 0.5…1.5				1.5…2.5 / 1.5…2.5			
Information						**Rated data ESI: 500V/24A. For appropriate accessories see page D.4 WTL 6/1 or section Accessories W-Series**			

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige Wemid	WTR 4 SI SL	25	**7910330000**	WTL 6 SL	50	**9538070000**
(Combi-connection TS32/35)	dark beige Wemid	WTR 4 SI SL/EN	50	**7910420000**	WTL 6 SL/EN	50	**9538080000**
(Combi-connection TS32/35)	black PA	WTR 4 SI SL/EN SW	25	**7910440000**	WTL 6 SL/EN SW	50	**9538030000**
Information		**Hook-shaped cable lug acc. to ESI SO-18 part 2 size 2 (3mm) 2 pieces 0.28…1.5mm²**			**Hook-shaped cable lug acc. to ESI SO-18 part 2 size 1 (3mm) and size 2 (4.6mm) 0.28…1.5/1…2.5mm²**		

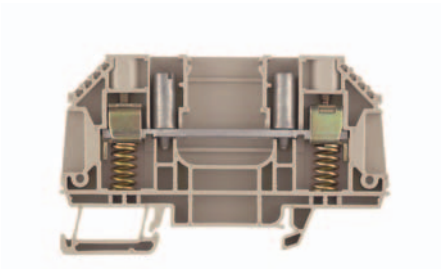
Accessories

Cross-connection, pluggable		Type	Current [A]	Qty.	Order No.	Type	Current [A]	Qty.	Order No.
	2-pole	ZQV 4N/2	32	60	**1758250000**				
	3-pole	ZQV 4N/3	32	60	**1762630000**				
	4-pole	ZQV 4N/4	32	60	**1762620000**				
ZQV 2.5N/4	10-pole	ZQV 4N/10	32	20	**1758260000**				
	41-/50-pole	ZQV 4N/41	32	10	**1758270000**				
Cross-connection, screwable			**Current [A]**				**Current [A]**		
	2-pole								
	3-pole								
	4-pole								
WQV 2.5-3	10-pole								
End plate / partition			**Width [mm]**				**Width [mm]**		
End plate	dark beige Wemid	WAP 2.5-10	1.5	50	**1050000000**				
	black wemid	WAP 2.5-10 SW	1.5	50	**1050010000**				
Partition	dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5	20	**1050100000**				
End bracket			**Width [mm]**				**Width [mm]**		
	dark beige	WEW-35/2	8	100	**1061200000**	WEW-35/2	8	100	**1061200000**
Testing									
	Test adapter								
Marking systems (see large assortment in chapter M)									
	Tags	WS 12/6 / DEK 6				WS 12/6,5 / DEK 8			
For detailed information on additional accessories and usage instructions see chapter accessories.		**Hook-shaped cable lug 0.25-1.5mm² (black) order no. 9036290000 (Qty. 100)**				**Hook-shaped cable lug 0.25-1.5mm² (black) order no. 9036290000 (Qty 100) / 1.25-2.5mm² (black) order no. 9036300000 (Qty. 100)**			

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Terminals with spring loaded cable clamps

WTD 6 SL — 6 mm²



7.9 x 82.7 x 50.4
57 / 10
0.5 ... 10

IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 50019
500			
41			
6			6
	6 / 3		
	A5 / V-0		

Rated connection
0.5…10 / 1.5…10
0.5…6 / 0.5…6
0.8…1.4 (M 3.5)
16 / 4.0 x 0.8
1.5…2.5
1.5…2.5 / 1.5…2.5

Rated data ESI: 500V/24A. For appropriate accessories see page D.41 WTD 6/1 or section Accessories W-Series

Type	Qty.	Order No.
WTD 6 SL	50	**9538090000**
WTD 6 SL/EN	50	**9538100000**
WTD 6 SL/EN SW	50	**9538050000**

Hook-shaped cable lug acc. to ESI SO-18 part 2 size 1 (3mm) and size 2 (4.6mm) 0.28…1.5/1…2.5mm²

Type	Current [A]	Qty.	Order No.
	Current [A]		
	Width [mm]		
	Width [mm]		
WEW-35/2	8	100	**1061200000**
WS 12/6,5 / DEK 8			

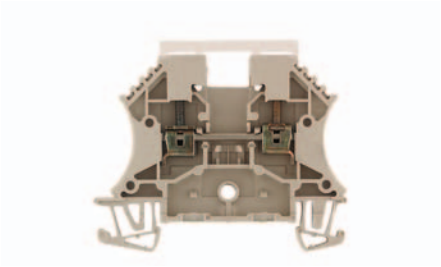
Hook-shaped cable lug 0.25-1.5mm² (black) order no. 9036290000 (Qty 100) / 1.25-2.5mm² (black) order no. 9036300000 (Qty. 100)

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Terminals for temperature measuring circuits

Thermocouple terminals

WDU 2.5/TC **2.5 mm²**



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/Length/Height with TS35x7.5	mm	**10.2** x 60 x 50.5
Max. current / max. cond. cross-section	A/mm²	**/ 2.5**
Max. clamping range	mm²	**0.13 ... 2.5**

Technical data

IEC 60947-7-1 / IEC 60584 — EEx e II Ex T II 2 G D

		IEC	UL	CSA	EN 50019
Rated data					
Rated voltage	V				50
Rated current	A				1
Rated cross-section	mm²	2.5			2.5
Rated impulse voltage / Pollution severity	kV/-		/ 3		
Plug gauge IEC 60-947-1 / flammability class acc. UL94			A2 / V-0		
Approvals					SIRA 02ATEX3153 U
Clampable conductors (H05V/H07V)		**Rated connection**			
Solid / stranded	mm²	0.5…2.5 / 1.5…2.5			
Flexible / flexible w. wire end ferrule	mm²	0.5…2.5 / 0.5…2.5			
Tightening torque range (clamping screw)	Nm	0.4…0.6 (M 2.5)			
Stripping length / blade size	mm / -	10 / 3.5 x 0.6			
2 clampable conductors of equal cross-section					
Solid / stranded	mm²	0.5…1.5			
Flexible / flexible w. wire end ferrule	mm²	0.5…1.5 / 0.5…1.5			
Information					

Weidmüller thermocouple terminals are specially designed to transmit very small voltages in temperature measuring circuits. Special busbars ensure that no false signals are transmitted in the terminal when temperature differences between the positive and negative paths exist. This high measuring precision is required, for example, in aircraft engine performance test rigs, complicated chemical processes, controllers, etc.

- Busbar material corresponds to thermal and compensating conductors
- Clear thermocouple marking
- 2-pole blocks per thermocouple
- Stacking width 10 mm

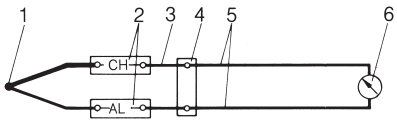
Ordering data

Version			Type	Qty.	Order No.
dark beige Wemid	(NiCr - Ni)	Type K	WDU 2.5/TC TYP K	50	1024100000
	(Cu - CuNi)	Type T	WDU 2.5/TC TYP T	50	**1024200000**
	(Fe-CuNi)	Type J	WDU 2.5/TC TYP J	50	1024300000
	(Pt 10% - Pt Rh/Pt 13% - Pt Rh)	Type SR	WDU 2.5/TC TYP SR	50	**1024400000**
	(Pt 10% Rh - Pt 6% Rh)	Type B	WDU 2.5/TC TYP B	50	**1033700000**
	(NiCr - CuNi)	Type E	WDU 2.5/TC TYP E	50	**1033300000**
	(NiSil - Nicrosil)	Type N	WDU 2.5/TC TYP N	50	**1041500000**
Information					

Accessories

Cross-connection, pluggable		Type	Current [A]	Qty.	Order No.
	2-pole				
	3-pole				
	4-pole				
	10-pole				
	41-pole				
Cross-connection, screwable			**Current [A]**		
	2-pole				
	3-pole				
	4-pole				
WQV 2.5-3	10-pole				
End plate / partition			**Width [mm]**		
End plate	dark beige Wemid	WAP 2.5-10	1.5	50	1050000000
Partition	dark beige Wemid	WAP 16+35 WTW 2.5-10	1.5	20	1050100000
End bracket			**Width [mm]**		
	dark beige Wemid				
Testing					
	Test adapter				
Marking systems (see large assortment in chapter M)					
	Tags	WS 12/5 / DEK 5			
For detailed information on additional accessories and usage instructions see chapter accessories.					

Configuration of a temperature measuring circuit

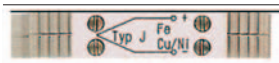


1 Thermocouple (sensor)
2 Thermocouple terminals
3 Compensating conductor
4 Reference junction
5 Supply conductors (to and from)
6 Measuring instrument

The thermocouple terminals shown in this measuring circuit thermoelectrically transmit 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 circuit.

Technical data

Thermocouples acc. to IEC 584 (DIN 43 710)

	Busbar
	Cromel Alumel
	E-Copper Constantan
	Iron Konstantan
	E-Copper/ A-Copper
	S-Copper/ E-Copper
	Cromel- Constantan

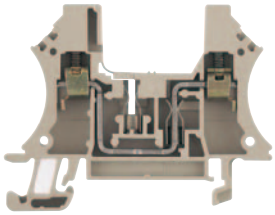
Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Terminals with electronic components

Feed-through terminals

for retrofitting electronic components

WPO 4 **4 mm²**



Width/Length/Height with TS35x7.5	mm	**6.1** x 60 x 47
Max. current / max. cond. cross-section	A/mm²	**32 / 4**
Max. clamping range	mm²	**0.13 ... 4**

Technical data

IEC 60947-7-1 / IEC 60584

Rated data		**IEC**	**UL**	**CSA**	**EN 50019**
Rated voltage	V	250	300	300	
Rated current	A	32	10	10	
Rated cross-section	mm²	4	AWG 26...12	AWG 26...12	
Rated impulse voltage / Pollution severity	kV/-	4 / 3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		A3 / V-0			
Approvals					

Clampable conductors (H05V/H07V)		**Rated connection**
Solid / stranded	mm²	0.5…4 / 1.5…4
Flexible / flexible w. wire end ferrule	mm²	0.5…4 / 0.5…4
Tightening torque range (clamping screw)	Nm	0.5…1.0 (M 3)
Stripping length / blade size	mm / -	9 / 3.5 x 0.6

Ordering data

Version	**Type**	**Qty.**	**Order No.**
dark beige Wemid	WPO 4	50	**1036000000**

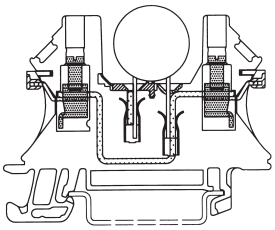
Information

Accessories

Intermediate frame	**Type**	**Qty.**	**Order No.**
Thickness 2.5 mm	ZR	20	**1071100000**
Busbar			
	SSch 7.3x1.2	1m	**1071200000**
Marking systems (see large assortment in chapter M)			
Tags	WS 12/5 / DEK 6		

For detailed information on additional accessories and usage instructions see chapter accessories.

WPO 4 with fitted varistor



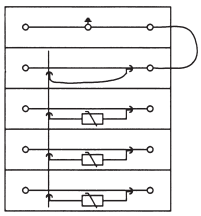
Weidmüller varistor terminals have been designed for retrofitting electronic components, such as varistors, diodes, gas discharge tubes, etc.
These electronic terminals no longer have to be configured prior installation to subsequently be delivered with soldered components which can no longer be distinguished.

The significant advantages of this design are:

- **Cost saving**
  Components can be changed quickly on site.

  Service is limited to visual inspection
- **Clarity:**
  Components are easy to distinguish.
- **Flexibility:**
  Components can immediately be adapted to changed conditions.

Note:
Never change electronic components in energized systems.



Overvoltage in a three-phase supply discharged to earth via WPE 4 with the aid of varistors and a gas discharge tube.

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

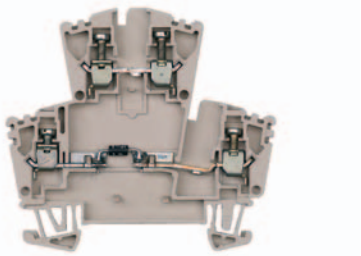
Terminals with electronic components

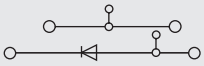
Terminals with electronic components

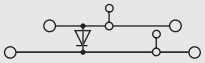
A wide range of terminals with electronic components are available as standard. Customer specific variants available upon request.

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.

		WDK 2.5/D 2.5 mm²	WDK 2.5/D/1 2.5 mm²
		Reverse voltage protection	Circuit e. g. for contactor
Width/Length/Height with TS35x7.5	mm	**5.1** x 69 x 63	**5.1** x 69 x 63
Max. current / max. cond. cross-section	A/mm²	**10 / 4**	**10 / 4**
Max. clamping range	mm²	**0.13 ... 4**	**0.13 ... 4**







Technical data

		WDK 2.5/D	WDK 2.5/D/1
Rated data		IEC 60947-7-1	IEC 60947-7-1
		IEC / UL / CSA / EN 50019	IEC / UL / CSA / EN 50019
Rated voltage	V	400	400
Rated current	A	10	10
Rated cross-section	mm²	2.5	2.5
Rated impulse voltage / Pollution severity	kV/-	6 / 3	6 / 3
Plug gauge IEC 60-947-1 / flammability class acc. UL94		A3 / V-0	A3 / V-0
Approvals		PG	PG
Electronic fixtures			
Diode current / diode voltage	V / A	1000 / 1	1000 / 1
LED-voltage, LED-current, polarity	V / mA / -		
Resistance	-/V		
Clampable conductors (H05V/H07V)		Rated connection / Additional connection	Rated connection / Additional connection
Solid / stranded	mm²	0.5…4 / 1.5…4	0.5…4 / 1.5…4
Flexible / flexible w. wire end ferrule	mm²	0.5…4 / 0.5…2.5	0.5…4 / 0.5…2.5
Tightening torque range (clamping screw)	Nm	0.4…0.6 (M 2.5)	0.4…0.6 (M 2.5)
Stripping length / blade size	mm / -	10 / 3.5 x 0.6	10 / 3.5 x 0.6
Information		Rated current 10A for through-going busbars only. Diode 1 N 4007	Rated current 10A for through-going busbars only. Diode 1 N 4007

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
Design of terminal	dark beige Wemid	WDK 2.5 1D	25	8025610000	WDK 2.5 1D A.1	25	1023400000
see circuit diagram above	green Wemid						
	Dark beige Wemid (LED red)						
	Dark beige Wemid (LED green)						
Information		Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, Qty. 500)			Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, Qty. 500)		

Accessories

		Type	Current [A]	Qty.	Qty.	Type	Current [A]	Qty.	Qty.
Cross-connection, pluggable									
(ZQV 2.5N/4)	2-pole								
	3-pole								
	4-pole								
	10-pole								
	50-pole								
Cross-connection, screwable			Current [A]				Current [A]		
WQV 2.5-3	2-pole	WQV 2.5/2	32	50	1053660000	WQV 2.5/2	32	50	1053660000
	3-pole	WQV 2.5/3	32	50	1053760000	WQV 2.5/3	32	50	1053760000
	4-pole	WQV 2.5/4	32	50	1053860000	WQV 2.5/4	32	50	1053860000
	10-pole	WQV 2.5/4	32	50	1053860000	WQV 2.5/4	32	50	1053860000
End plate / partition			Width [mm]				Width [mm]		
	dark beige Wemid	WAP WDK2.5	1.5	20	1059100000	WAP WDK2.5	1.5	20	1059100000
End bracket			Width [mm]				Width [mm]		
	dark beige / beige	WEW-35/2	8	100	1061200000	WEW-35/2	8	100	1061200000
Screwdriver									
	w. cutting device "swifty set"								
	Standard version	SD 0.6X3.5X100		10	9008330000	SD 0.6X3.5X100		10	9008330000
Reducing sleeves									
	for conductors < 0.5mm² / AWG 20								
	for conductors < 1.0mm² / AWG 18								
Marking systems (see large assortment in chapter M)									
	Tags	WS 8/5 / DEK 5				WS 8/5 / DEK 5			
For detailed information on additional accessories and usage instructions see chapter accessories.									

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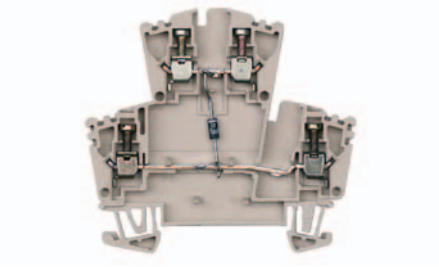
Delivery times see page X.2

Terminals with electronic components

WDK 2.5/D/2 — 2.5 mm²

Circuit e. g. for contactor



5.1 x 69 x 63
10 / 4
0.13 ... 4

IEC 60947-7-1

IEC	UL	CSA	EN 50019
400			
10			
2.5			
6 / 3			
A3 / V-0			
1000 / 1			

Rated connection	Additional connection
0.5…4 / 1.5…4	
0.5…4 / 0.5…2.5	
0.4…0.6 (M 2.5)	
10 / 3.5 x 0.6	

Rated current 10A for through-going busbars only. Diode 1 N 4007

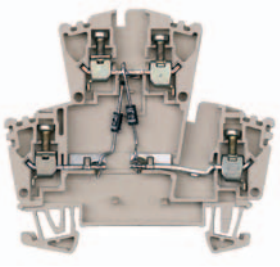
Type	Qty.	Order No.
WDK 2.5 1D A.2	25	1023300000

Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, Qty. 500)

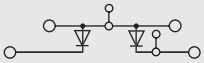
Type	Current [A]	Qty.	Qty.
	Current [A]		
WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/4	32	50	1053860000
	Width [mm]		
WAP WDK2.5	1.5	20	1059100000
	Width [mm]		
WEW-35/2	8	100	1061200000
SD 0.6X3.5X100		10	9008330000
WS 8/5 / DEK 5			

WDK 2.5/D/4 — 2.5 mm²

Lamp test circuit



5.1 x 69 x 63
10 / 4
0.13 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 50019
400			
10			
2.5			
6 / 3			
A3 / V-0			
1000 / 1			

Rated connection	Additional connection
0.5…4 / 1.5…4	
0.5…4 / 0.5…2.5	
0.4…0.6 (M 2.5)	
10 / 3.5 x 0.6	

Rated current 10A for through-going busbars only. Diode 1 N 4007

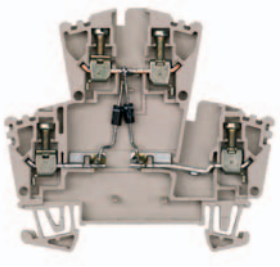
Type	Qty.	Order No.
WDK 2.5 2D	25	8014670000

Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, Qty. 500)

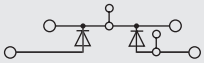
Type	Current [A]	Qty.	Qty.
	Current [A]		
WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/4	32	50	1053860000
	Width [mm]		
WAP WDK2.5	1.5	20	1059100000
	Width [mm]		
WEW-35/2	8	100	1061200000
SD 0.6X3.5X100		10	9008330000
WS 8/5 / DEK 5			

WDK 2.5/D/5 — 2.5 mm²

Lamp test circuit



5.1 x 69 x 63
10 / 4
0.13 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 50019
400			
10			
2.5			
6 / 3			
A3 / V-0			
1000 / 1			

Rated connection	Additional connection
0.5…4 / 1.5…4	
0.5…4 / 0.5…2.5	
0.4…0.6 (M 2.5)	
10 / 3.5 x 0.6	

Rated current 10A for through-going busbars only. Diode 1 N 4007

Type	Qty.	Order No.
WDK 2.5 2D	25	1022600000

Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, Qty. 500)

Type	Current [A]	Qty.	Qty.
	Current [A]		
WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/4	32	50	1053860000
	Width [mm]		
WAP WDK2.5	1.5	20	1059100000
	Width [mm]		
WEW-35/2	8	100	1061200000
SD 0.6X3.5X100		10	9008330000
WS 8/5 / DEK 5			

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Delivery times see page X.2

Terminals with electronic components

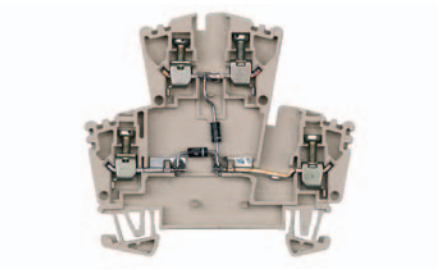
Terminals with electronic components

A wide range of terminals with electronic components are available as standard. Customer specific variants 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.

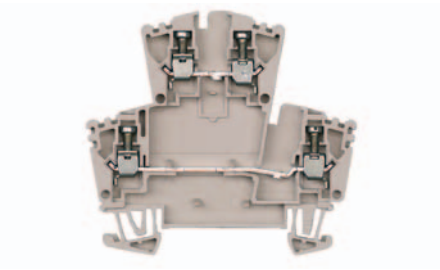
WDK 2.5/D/6 — 2.5 mm²

Lamp test circuit

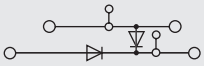


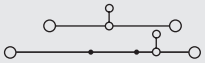
WDK 2.5E/o. Electr. — 2.5 mm²

For installation of electr. components



		WDK 2.5/D/6	WDK 2.5E/o. Electr.
Width/Length/Height with TS35x7.5	mm	**5.1** x 69 x 63	**5.1** x 69 x 63
Max. current / max. cond. cross-section	A/mm²	**10 / 4**	**10 / 4**
Max. clamping range	mm²	**0.13 ... 4**	**0.13 ... 4**





Technical data

Rated data		WDK 2.5/D/6	WDK 2.5E/o. Electr.
		IEC 60947-7-1	IEC 60947-7-1
		IEC / UL / CSA / EN 50019	IEC / UL / CSA / EN 50019
Rated voltage	V	400	400
Rated current	A	10	10
Rated cross-section	mm²	2.5	2.5
Rated impulse voltage / Pollution severity	kV/-	6 / 3	6 / 3
Plug gauge IEC 60-947-1 / flammability class acc. UL94		A3 / V-0	A3 / V-0
Approvals			
Electronic fixtures			
Diode current / diode voltage	V / A	1000 / 1	
LED-voltage, LED-current, polarity	V / mA / -		
Resistance	-/V		
Clampable conductors (H05V/H07V)		Rated connection / Additional connection	Rated connection / Additional connection
Solid / stranded	mm²	0.5…4 / 1.5…4	0.5…4 / 1.5…4
Flexible / flexible w. wire end ferrule	mm²	0.5…4 / 0.5…2.5	0.5…4 / 0.5…2.5
Tightening torque range (clamping screw)	Nm	0.4…0.6 (M 2.5)	0.4…0.6 (M 2.5)
Stripping length / blade size	mm / -	10 / 3.5 x 0.6	10 / 3.5 x 0.6
Information		Rated current 10A for through-going busbars only.	Rated current 10A for through-going busbars only.

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
Design of terminal	dark beige Wemid	WDK 2.5 2D	25	1023500000	WDK 2.5/D	100	1023200000
see circuit diagram above	green Wemid						
	Dark beige Wemid (LED red)						
	Dark beige Wemid (LED green)						
Information		Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, Qty. 500)					

Accessories

Cross-connection, pluggable		Type	Current [A]	Qty.	Qty.	Type	Current [A]	Qty.	Qty.
(ZQV 2.5N/4)	2-pole								
	3-pole								
	4-pole								
	10-pole								
	50-pole								
Cross-connection, screwable			**Current [A]**				**Current [A]**		
WQV 2.5-3	2-pole	WQV 2.5/2	32	50	1053660000	WQV 2.5/2	32	50	1053660000
	3-pole	WQV 2.5/3	32	50	1053760000	WQV 2.5/3	32	50	1053760000
	4-pole	WQV 2.5/4	32	50	1053860000	WQV 2.5/4	32	50	1053860000
	10-pole	WQV 2.5/4	32	50	1053860000	WQV 2.5/4	32	50	1053860000
End plate / partition			**Width [mm]**				**Width [mm]**		
	dark beige Wemid	WAP WDK2.5	1.5	20	1059100000	WAP WDK2.5	1.5	20	1059100000
End bracket			**Width [mm]**				**Width [mm]**		
	dark beige / beige	WEW-35/2	8	100	1061200000	WEW-35/2	8	100	1061200000
Screwdriver									
	w. cutting device "swifty set"								
	Standard version	SD 0.6X3.5X100		10	9008330000	SD 0.6X3.5X100		10	9008330000
Reducing sleeves									
	for conductors < 0.5mm² / AWG 20								
	for conductors < 1.0mm² / AWG 18								
Marking systems (see large assortment in chapter M)									
	Tags	WS 8/5 / DEK 5				WS 8/5 / DEK 5			

For detailed information on additional accessories and usage instructions see chapter accessories.

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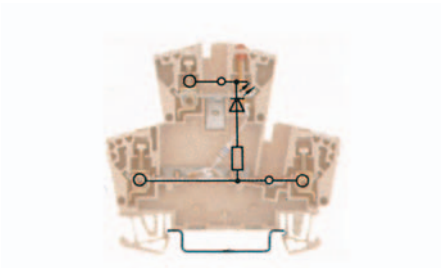
Delivery times see page X.2

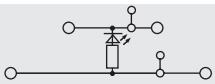
Terminals with electronic components

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 50019
24			
10			
2.5			
	0.8 / 3		
	A3 / V-0		
24 / 5			

Rated connection	Additional connection
0.5…4 / 1.5…4	
0.5…4 / 0.5…2.5	
0.4…0.6 (M 2.5)	
10 / 3.5 x 0.6	

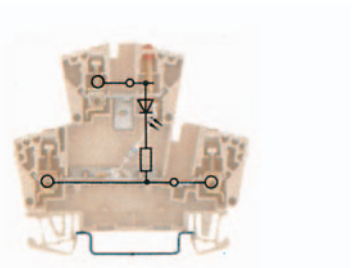
Type	Qty.	Order No.
WDK 2.5 LD ROT 1R 24VDC	25	1023600000
WDK 2.5 LD GR 1R 24VDC	25	8023610000

Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, VPE 500)

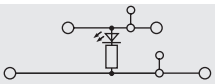
Type	Current [A]	Qty.	Qty.
	Current [A]		
WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/4	32	50	1053860000
	Width [mm]		
WAP WDK2.5	1.5	20	1059100000
	Width [mm]		
WEW-35/2	8	100	1061200000
SD 0.6X3.5X100		10	9008330000
WS 8/5 / DEK 5			

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 50019
24			
10			
2.5			
	0.8 / 3		
	A3 / V-0		
24 / 5			

Rated connection	Additional connection
0.5…4 / 1.5…4	
0.5…4 / 0.5…2.5	
0.4…0.6	
10 / 3.5 x 0.6	

Type	Qty.	Order No.
WDK 2.5 LD ROT 1R 24VDC	25	8023630000
WDK 2.5 LD GR 1R 24VDC	25	8010040000

Conductor 2.5 mm² with wire end ferrule with plastic collar only with diameter optimised collar (Order No. 1333100000, VPE 500)

Type	Current [A]	Qty.	Qty.
	Current [A]		
WQV 2.5/2	32	50	1053660000
WQV 2.5/3	32	50	1053760000
WQV 2.5/4	32	50	1053860000
WQV 2.5/4	32	50	1053860000
	Width [mm]		
WAP WDK2.5	1.5	20	1059100000
	Width [mm]		
WEW-35/2	8	100	1061200000
SD 0.6X3.5X100		10	9008330000
DEK 5 / WS 8/5			

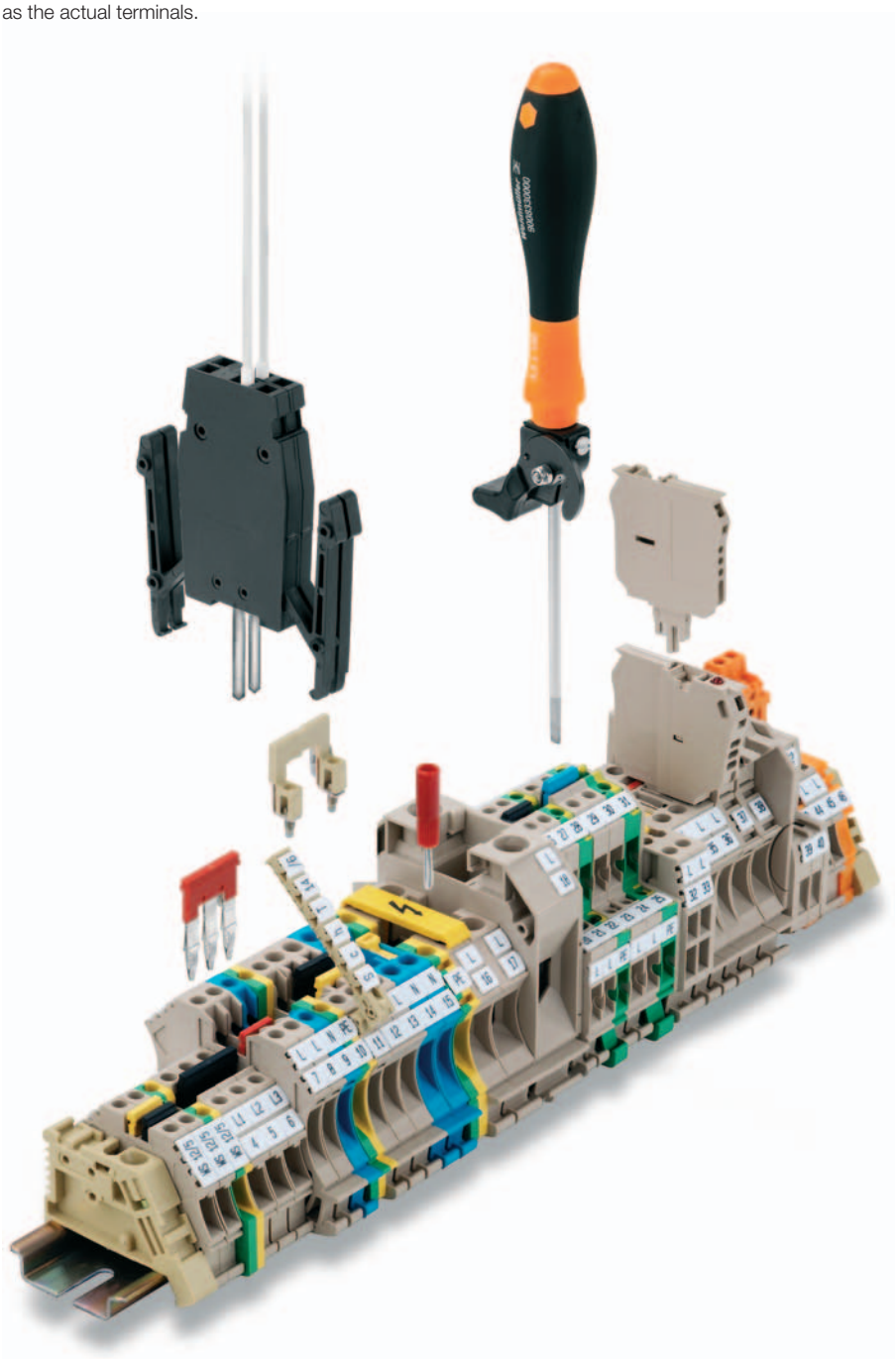
Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Accessories

Supplementary functions

Weidmüller offers the user of W-series terminals an extensive range of accessories for the ideal solution to all possible tasks, even over and beyond standard functions.

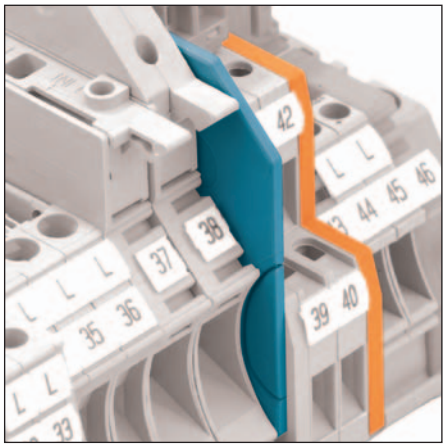
The accessories meet the same quality standards as the actual terminals.



Visual separation

Side covers

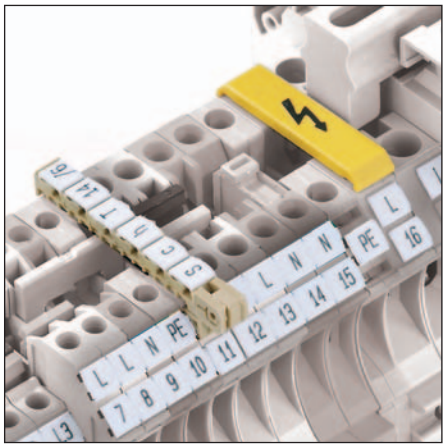
Page D.70



To guarantee finger-safe use of terminals, open sides are covered with end plates and partition plates to prevent any contact with live parts. End plates and partition plates also come in different colours so that they can be used for visual separation of different circuits.

Labelling

Chapter M, page D.84



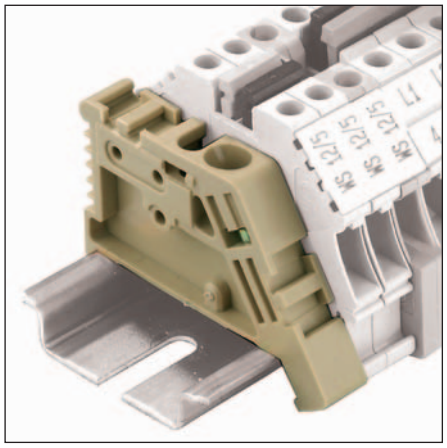
Weidmüller's labelling systems in **Section M** are used to label screw terminals. Individual clamping points, terminal groups and conductors can be marked.

The cover (WAD) can also be used for labelling mains supply points (see **page D.84**)

Accessories

Fastening

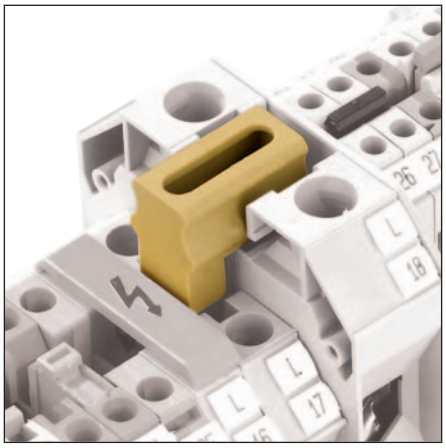
Page F.30



An end bracket is fitted to the right and left of the terminals to locate the terminals on the mounting rail.
The marking surface of the end bracket can also be used for group marking.
Please turn to **Section F** for the wide range of Weidmüller end brackets and mounting rails.

Electrical supply

Page D.72

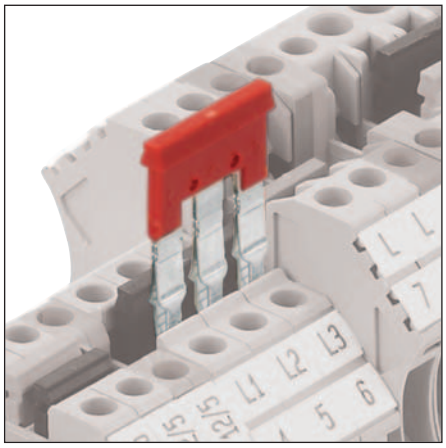


For the W-series, power is supplied via standard terminals in conjunction with a special cross-connection, which directly connects terminals for larger and smaller cross-sections (the picture shows WDU 35 on WDU 4).

It is possible to form a link to screw-in cross-connectors of smaller cross-sections (WQV 2.5/4/6). This extends electrical distribution to any number of other terminals of the smaller cross-section.

Electrical distribution

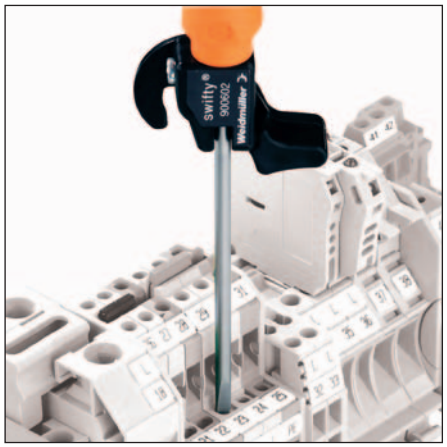
Page D.74



A screw-in and a pluggable cross-connection system is available for Weidmüller screw terminals. The pluggable **cross-connector (ZQV)** for screw terminals is unique. It enables considerable reductions in assembly times. The pluggable cross-connections can be used for nearly all W-series terminals in the cross-section ranges 2.5 and 4 mm^2.

Connecting

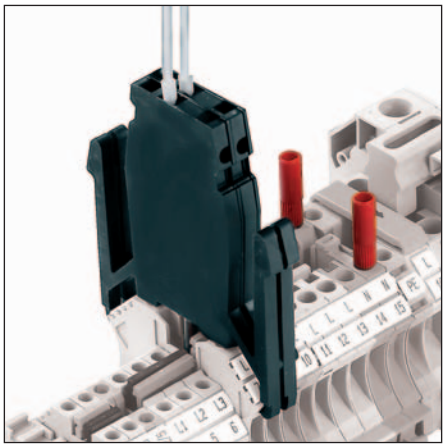
Chapter N



Conductors are connected into Weidmüller terminals using standard screwdrivers, as shown in **Section N.**

Testing

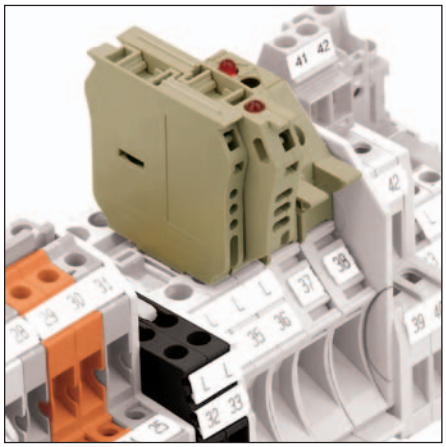
Page D.82



The snap-in test adapter (WTA) is used as a single slice and as a test adapter strip for measurements in switchboards.
The test adapter is ideal for convenient, rational testing of assembled terminals.
It is also possible to perform tests with a socket contact and test plug (page D.79).

Specific functions/ colour variations

Page B.85

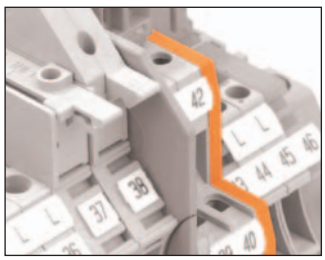


Further helpful accessories are available for screw connection terminals including:

- Plug-in fuse holder (SIHA 1 and SIHA 2)
- Screen plug (LS), shorting plug (WDS)
- Extension connectors (WZAD)
- PEN bridges
- Accessories for measuring and isolating terminals
- Terminals in various colours
- Pre-fitted terminal blocks

Accessories – Visual separation / side covers

End plates



Shock protection

Apart from only a few exceptions, the last terminal of a terminal strip must be covered with an end plate type WAP/AP. End plates are also to be inserted in a terminal strip with different sized terminals.
This guarantees protection from live 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.

Guaranteed operating voltage

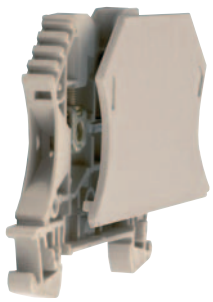
End plates can also be used for observing the necessary air and creepage clearances to ensure the rated voltage for the application. For example, when cross-connections are positioned immediately adjacent to each other.

Identical contours

The outer dimensions of the end plates correspond to the cover dimensions of the corresponding terminal.

Mounting

The end plate can be simply clipped onto the corresponding terminal with clip-in pivot.
Corresponding indentations in the terminal allow the terminals to be correctly located.



… for standard design

Type	Colour	Qty.	Order No.	for terminal:		
1.5 mm thick						
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	
1.5 mm thick						
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			
1.5 mm thick						
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 WS	white	20	1790910000	WDK 2.5 DU-PE	WDK 2.5 FF	
1.5 mm thick						
WAP WTR 2.5/ZZ	dark beige	20	1074600000	WTR 2.5/ZZ		
WAP WTR 2.5/ZZ BL	blue	20	1074680000			
1.5 mm thick						
WAP WDL 2.5/S	dark beige	20	1067700000	WDL 2.5/S…		
1.5 mm thick						
WAP WDL 2.5	dark beige	20	1067800000	WDL 2.5…		
2.5 mm thick (...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			
2.5 mm thick (...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			
1.5 mm thick						
AP DLI2.5 DB	dark beige	20	1783550000	DLI 2.5 DB…	DLA 2.5 DB…	
1.5 mm thick						
AP DLD2.5 DB	dark beige	20	1784210000	DLD 2.5 DB		
1.5 mm thick						
WAP WTL 6.1	dark beige	20	1068300000	WTL 6.1…	WTQ 6.1…	
WAP WTL 6.1 RT	red	20	1068360000	WTD 6.1...		
2,0 mm thick						
ZAP/TW 1	dark beige	50	1608740000	WTL 4…		
ZAP/TW 1 BL	blue	50	1608750000			
ZAP/TW 1 OR	orange	50	1608760000			
1.5 mm thick						
WAP WDU 1.5/R3.5	dark beige	20	1754190000	WDU 1.5/ R3.5	WPE 1.5/ R3.5	
1.5 mm thick						
WAP WDK 1.5/R3.5	dark beige	20	1754200000	WDK 1.5/ R3.5		
1.5 mm thick						
AP AKZ1.5	beige PA	50	0340560000	AKZ 1.5		
AP AKZ1.5 BL	blue PA	50	0340580000			
2.5 mm thick						
AP AKZ2.5	beige PA	50	0697360000	AKZ 2.5		
AP AKZ2.5 BL	blue PA	50	0697380000			
1.5 mm thick						
AP AKZ4	beige PA	50	0294460000	AKZ 4		
AP AKZ4 BL	blue PA	50	0294480000			

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Accessories – Visual separation / side covers

End plate for compact design

Type	Colour	Qty.	Order No.	for terminal:
1.5 mm thick				
WAP WDU 2.5N/4N	dark beige	50	1060000000	WDU 2.5N WDU 4N
WAP WDU 2.5N/4N BL	blue	50	1060080000	
WAP WDU 2.5N/4N GE	yellow	50	1060090000	
WAP WDU 2.5N/4N OR	orange	50	1060060000	
1.5 mm thick				
WAP WDK 2.5/4N	dark beige	20	1084000000	WDK 2.5N WDK 2.5N V WDK 2.5N DU-PE WDK 2.5N PE WDK 4N WDK 4N V WDK 4N DU-PE WDK 4N PE
WAP WDK 2.5/4N BL	blue	20	1084080000	

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.

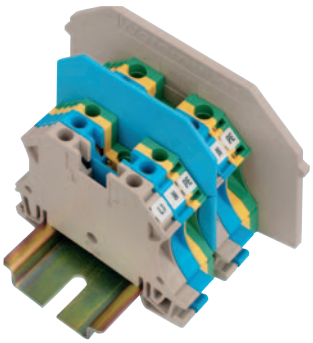
Dimensions

WAP 16+35 WTW 2.5-10

Length	60 mm
Hight with TS 35 x 7.5	63 mm

WTW EN

Length	86 mm
Hight with TS 35 x 7.5	63 mm

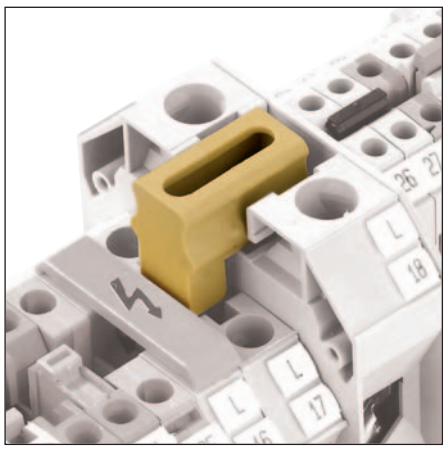


Type	Colour	Qty.	Order No.	for terminal:
1.5 mm thick				
WAP 16-35 WTW 2.5-10	dark beige	20	1050100000	WDU 1.5/ZZ WDU 2.5/1.5/ZR WDU 2.5 - 35 WDU 2.5 F… WDU 2.5/TC WDU 4 SL - 10 SL WPE 2.5 - 35 WNT 2.5-10 WTR 2.5… WTR 4… WSI 6… WPO 4
WAP 16-35 WTW 2.5-10 BL	blue	20	1050180000	
WAP 16-35 WTW 2.5-10 OR	orange	20	1050160000	
3.0 mm thick				
WTW EN	dark beige	20	1058800000	WDK 2.5… WDK 2.5 F… WDK 2.5N… WDK 4N…

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Accessories – Potential supply

Potential supply
with cross-section reduction



Feed-through terminals such as WDU 35 or WDU 16 are responsible for potential supply in the W-series. The potential is routed by the cross-connectors shown to terminals of a smaller cross-section (cross-section reduction).

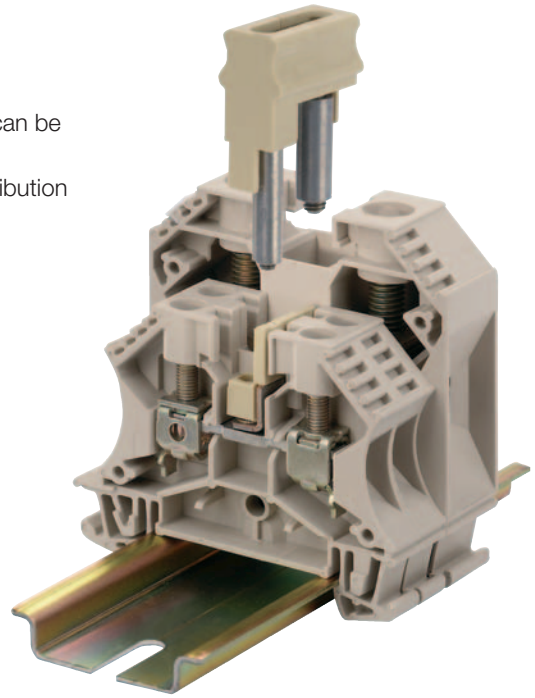
After cross-section reduction, the potential can then be distributed on to any number of terminals of this same cross-section, using standard cross-connectors.

Function

- Larger conductor cross-section can be used for power supply
- Central potential supply and distribution to any number of circuits.

Mounting

First, prepare the **standard cross-connector** that is to distribute the potential to other terminals of smaller conductor cross-section. To do so, break off the plastic screwdriver guide at the first pole of the cross-connector by bending it back and forth at the intended break-off point, and remove the fixing screw. Then place the cross-connector in the middle of the terminal.



Now insert the **cross-connector 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.

Accessories – Potential supply

Cross-connectors for potential supply (cross-section reduction)

Power supply via WDU 35

Outgoing terminal	WDU 2.5	WDU 4 / WDU 6	WDU 10	WDU 16

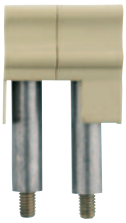
Technical data		to WDU 35	to WDU 2.5	to WDU 35	to WDU 4 / 6	to WDU 35	to WDU 10	to WDU 35	to WDU 16
Continuous current 2-pole	A	41		41		57		76	
Thread size		M 4	M 2.5	M 4	M 3	M 4	M 3	M 4	M 4
Tightening torque	Nm	1.2 ... 1.8	0.4 ... 0.7	1.2 ... 1.8	0.5 ... 0.8	1.2 ... 1.8	0.5 ... 0.8	1.2 ... 1.8	1.2 ... 1.8
Order data		**Type**	**Qty** / **Order No.**	**Type**	**Qty** / **Order No.**	**Type**	**Qty** / **Order No.**	**Type**	**Qty** / **Order No.**
	2-pole	WQV 35-2.5	10 / **1064100000**	WQV 35-4/6	10 / **1064200000**	WQV 35-10	10 / **1068000000**	WQV 16/2	50 / **1053260000**

Power supply via WDU 16 / WDU 10

Outgoing terminal	WDU 2.5	WDU 4 / WDU 6	WDU 2.5	WDU 4

Technical data		to WDU 16	to WDU 2.5	to WDU16	to WDU 4 / 6	to WDU10	to WDU 2.5	to WDU 10	to WDU 4
Continuous current 2-pole	A	41		41		24		32	
Thread size		M 4	M 2.5	M 4	M 3	M 3	M 2.5	M 3	M 3
Tightening torque	Nm	1.2 ... 1.8	0.4 ... 0.7	1.2 ... 1.8	0.5 ... 0.8	0.5 ... 0.8	0.4 ... 0.7	0.5... 0.8	0.5 ... 0.8
Order data		**Type**	**Qty** / **Order No.**	**Type**	**Qty** / **Order No.**	**Type**	**Qty** / **Order No.**	**Type**	**Qty** / **Order No.**
	2-pole	WQV 16-2.5	10 / **1063900000**	WQV 16-4/6	10 / **1064000000**	QL 10-2.5	10 / **185962000**	QL 10-4	10 / **1859610000**
						not finger-safe		not finger-safe	

Power supply via WDU 16N / WDU 6

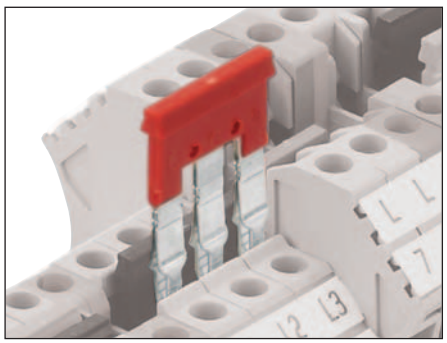
Outgoing terminal	WDU 2.5	WDU 4 / WDU 6	WDU 10	WDU 2.5
				

Technical data		to WDU 16	to WDU 2.5	to WDU 16N	to WDU 4 / 6	to WDU16N	to WDU 10	to WDU 6	to WDU 2.5
Continuous current 2-pole	A	24		41		24		24	
Thread size		M 3	M 2.5	M 3	M 3	M 3	M 3	M 3	M 2.5
Tightening torque	Nm	0.5 ... 0.8	0.4 ... 0.7	0.5 ... 0.8	0.5 ... 0.8	0.5 ... 0.8	0.5 ... 0.8	0.5... 0.8	0.4 ... 0.7
Order data		**Type**	**Qty** / **Order No.**	**Type**	**Qty** / **Order No.**	**Type**	**Qty** / **Order No.**	**Type**	**Qty** / **Order No.**
	2-pole	WQV 16N-2.5	10 / **1073100000**	WQV 16N-4/6	10 / **1072500000**	WQV 16N-10	10 / **1073400000**	QL 6-2.5	10 / **1859600000**
								not finger-safe	

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Accessories – Electrical distribution

Pluggable cross-connection ZQV



Unique for screw terminals

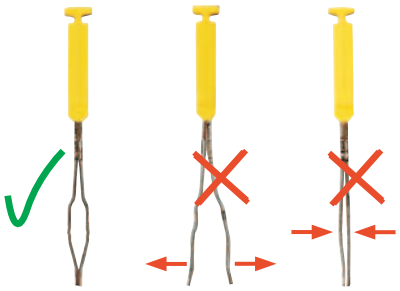
Weidmüller is the only producer to offer a pluggable cross-connection system for screw terminals. The pluggable cross-connections stand out with their easy handling and quick assembly, resulting in considerable time savings compared to screwed assembly solutions.

Assembly

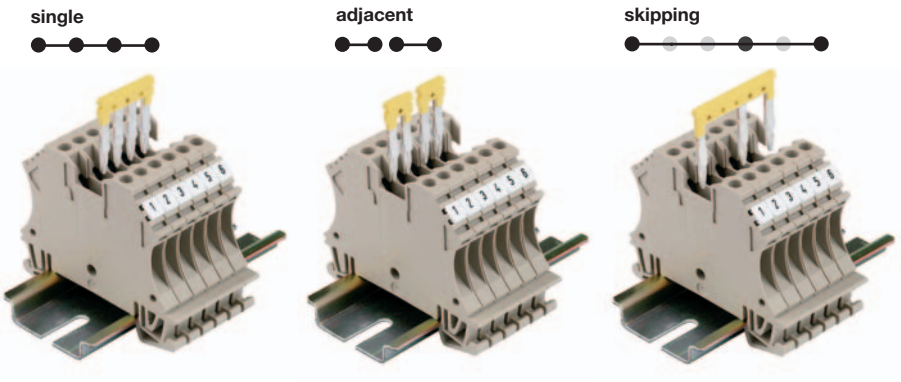
- The ZQV is pressed into the cross-connection channel by hand.
- **Important!** Ensure that the ZQV is pressed right in. The cross-connector must not protrude out of the cross-connection channel.
- To replace or remove, simply lever out with a screwdriver.

Technical information

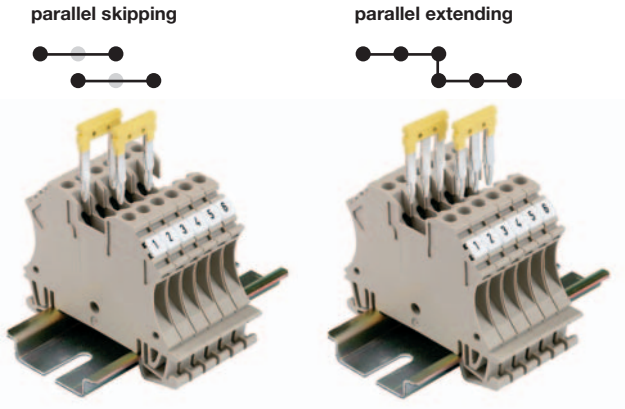
- Finger-safe to VDE 0160 part 100 (VGB 4)
- Reduced rated voltage 400 V
- Different colours can be used to mark different potential
- **Important!** The contact elements must not be deformed.



In one cross-connection channel



In two cross-connection channels

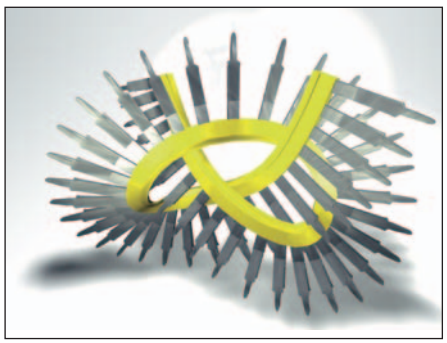


Possible cross-connections of terminals of the same type with appropriate cross-connectors

Terminal type	Cross-connector	single	adjacent	skipping	parallel skipping	parallel extending
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	•	•	•		
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	•	•	•		

Accessories – Electrical distribution

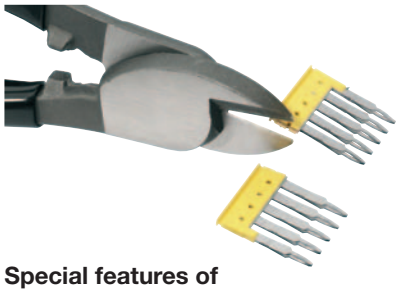
ZQV pluggable cross-connector



Continuous cross-connector

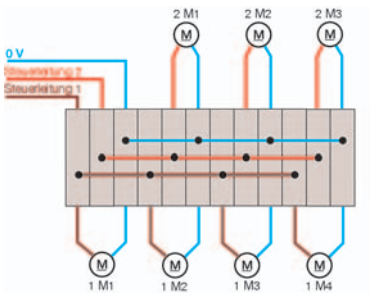
ZQV 2.5N/50 (50-pole) and ZQV 4N/41 (41-pole) are ideal for shortening (e.g. with tool KT ZQV-9002170000) to produce customised configurations with the required number of poles.

More than 25 poles in a row are not recommended because of the resulting tolerances in the terminals.



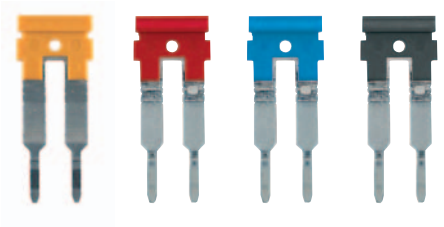
Special features of WDU 2.5, WDU 4 and WDU 2.5/1.5/ZR

- 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

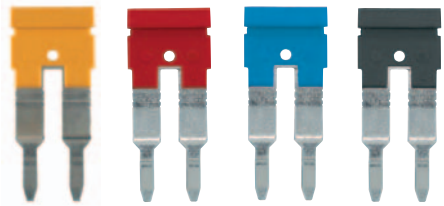
ZQV 2,5N



No. of poles	Type	Qty	Order no. yellow	Order no. red	Order no. blue	Order no. black
2	ZQV 2.5N/2	60	1693800000	1717900000	1717990000	1718080000
3	ZQV 2.5N/3	60	1693810000	1717910000	1718000000	1718090000
4	ZQV 2.5N/4	60	1693820000	1717920000	1718010000	1718100000
5	ZQV 2.5N/5	20	1693830000	1717930000	1718020000	1718110000
6	ZQV 2.5N/6	20	1693840000	1717940000	1718030000	1718120000
7	ZQV 2.5N/7	20	1693850000	1717950000	1718040000	1718130000
8	ZQV 2.5N/8	20	1693860000	1717960000	1718050000	1718140000
9	ZQV 2.5N/9	20	1693870000	1717970000	1718060000	1718150000
10	ZQV 2.5N/10	20	1693880000	1717980000	1718070000	1718160000
50	ZQV 2.5N/50	10	1693890000	1718170000	1718180000	1718190000

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	Qty	Order no. yellow	Order no. red	Order no. blue	Order no. black
2	ZQV 4N/2	60	1758250000	1793950000	1793960000	1793970000
3	ZQV 4N/3	60	1762630000	1793980000	1793990000	1794000000
4	ZQV 4N/4	60	1762620000	1794010000	1794020000	1794030000
5						
6						
7						
8						
9						
10	ZQV 4N/10	20	1758260000	1794040000	1794050000	1794060000
41	ZQV 4N/41	10	1758270000	1794070000	1794080000	1794090000

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

Accessories – Electrical distribution

WQV screw cross-connector

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. It is then possible to bridge individual or several terminals.
- Captive fixing screws.
- Snap onto the clamped support – simple overhead assembly.

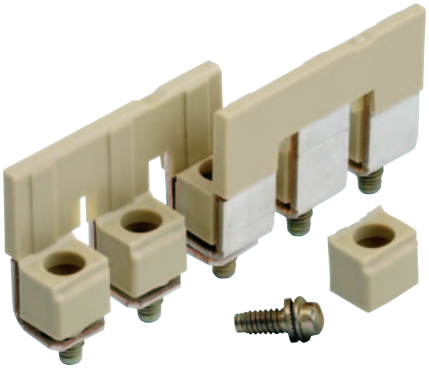
Any number of poles (extending)

Pre-fitted cross-connectors 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.

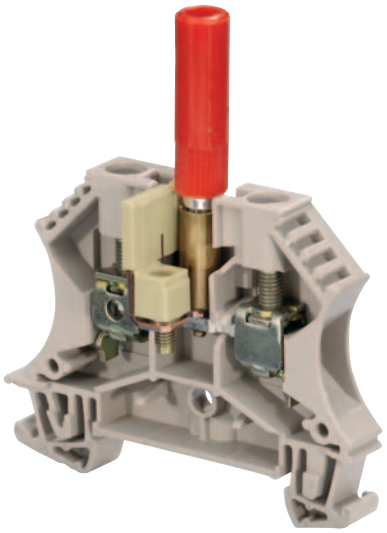


Routing 2 potentials in parallel

- In spite of only having 1 channel, the WQV cross-connection system can still be used for offset cross-connections. See the photo “parallel skipping”.

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.

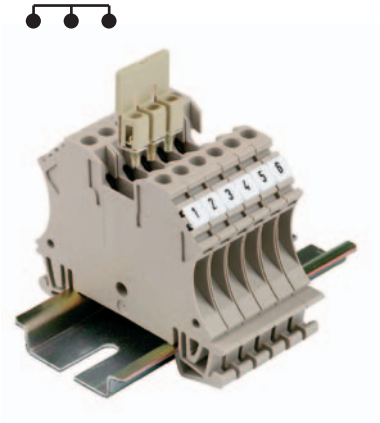


Accessories – Electrical distribution

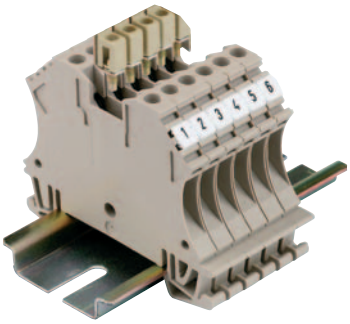
Screw-in cross-connector – possible combinations

In one cross-connection channel

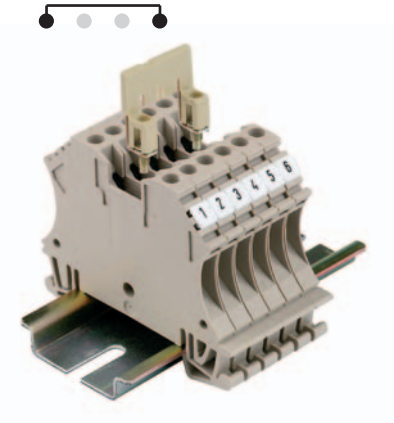
single



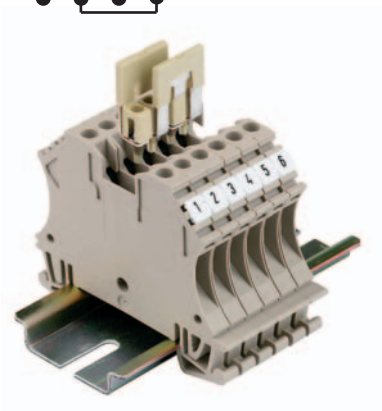
adjacent



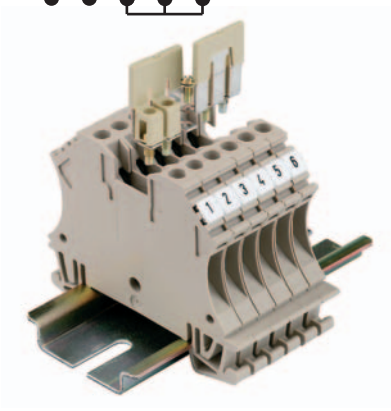
skipping



parallel skipping



extending



Possible cross-connections of terminals of the same type with appropriate cross-connectors

Terminal type	Cross-connection	single	adjacent	skipping	parallel skipping	extending
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 SL - WDU 10 SL	WQV 4 - WQV 10	•	•	•	•	•
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 95N/120N	WQV 95N/120N	•	•			

Accessories – Electrical distribution

Screw-in cross-connectors

WQV 2.5

Technical data		
Continuous current 2-pole/multi-pole	A	32 / 32
Thread size		M 2.5
Tightening torque	Nm	0.4 ... 0.7

Order data	Type	Qty	Order No.
2-pole	WQV 2.5/2	50	1053660000
3-pole	WQV 2.5/3	50	1053760000
4-pole	WQV 2.5/4	50	1053860000
5-pole	WQV 2.5/5	10	1053960000
6-pole	WQV 2.5/6	10	1054060000
7-pole	WQV 2.5/7	10	1054160000
8-pole	WQV 2.5/8	10	1054260000
9-pole	WQV 2.5/9	10	1054360000
10-pole	WQV 2.5/10	20	1054460000
15-pole	WQV 2.5/15	10	1059660000
32-pole	WQV 2.5/32		1577600000

for terminal

WDU 1.5 ZZ
WDU 1.5 BLZ
WDU 2.5/1.5 ZR
WDU 2.5
WDU 2.5 F
WDK 2.5
WDK 2.5 V
WDK 2.5 DU-PE
WDK 2.5 F

WQV 4

Technical data		
Continuous current 2-pole/multi-pole	A	41 / 41
Thread size		M 3
Tightening torque	Nm	0.5 ... 0.8

Order data	Type	Qty	Order No.
2-pole	WQV 4/2	50	1051960000
3-pole	WQV 4/3	50	1054560000
4-pole	WQV 4/4	50	1054660000
5-pole	WQV 4/5	10	1057860000
6-pole	WQV 4/6	10	1057160000
7-pole	WQV 4/7	10	1057260000
8-pole	WQV 4/8	10	1057960000
9-pole	WQV 4/9	10	1058060000
10-pole	WQV 4/10	20	1758260000
15-pole	WQV 4/15	10	1057460000

for terminal

WDU 4
WDU 4 SL

WQV 6

Technical data		
Continuous current 2-pole/multi-pole	A	57 / 57
Thread size		M 3
Tightening torque	Nm	0.5 ... 0.8

Order data	Type	Qty	Order No.
2-pole	WQV 6/2	50	1052360000
3-pole	WQV 6/3	50	1054760000
4-pole	WQV 6/4	50	1054860000
5-pole	WQV 6/5	50	1062660000
6-pole	WQV 6/6	50	1062670000
7-pole	WQV 6/7	50	1062680000
8-pole			
9-pole			
10-pole	WQV 6/10	20	1052260000
15-pole			
32-pole			

for terminal

WDU 6
WDU 6 SL

WQV 35N

Technical data		
Continuous current 2-pole/multi-pole	A	115 / 100
Thread size		M 4
Tightening torque	Nm	1.2 ... 1.8

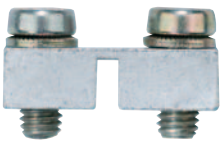
Order data	Type	Qty	Order No.
2-pole	WQV 35N/2	50	1079200000
3-pole	WQV 35N/3	50	1079300000
4-pole	WQV 35N/4	50	1079400000
5-pole			
6-pole			
7-pole			
8-pole			
9-pole			
10-pole			
15-pole			
32-pole			

for terminal

WDU 35N

WQV 50N

finger-safe with cover WAD



Technical data		
Continuous current 2-pole/multi-pole	A	150 / 150
Thread size		M 6
Tightening torque	Nm	2.5 ... 4.5

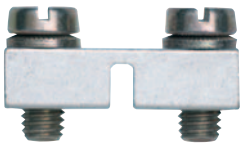
Order data	Type	Qty	Order No.
2-pole	WQV 50N/2	10	183406000
3-pole	WQV 50N/3	10	183407000
4-pole	WQV 50N/4	10	183408000
5-pole			
6-pole			
7-pole			
8-pole			
9-pole			
10-pole			
15-pole			
32-pole			

for terminal

WDU 50N

WQV 70N

finger-safe with cover WAD



Technical data		
Continuous current 2-pole/multi-pole	A	192 / 192
Thread size		M 6
Tightening torque	Nm	2.5 ... 4.5

Order data	Type	Qty	Order No.
2-pole	WQV 70N/2	5	9512240000
3-pole	WQV 70N/3	5	9512250000
4-pole	WQV 70N/4	5	9531290000
5-pole			
6-pole			
7-pole			
8-pole			
9-pole			
10-pole			
15-pole			
32-pole			

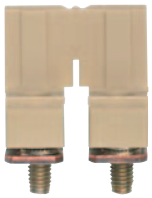
for terminal

WDU 70N

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Accessories – Electrical distribution

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

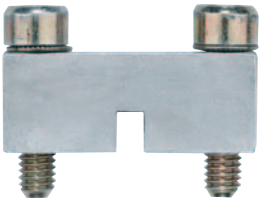
232 / 232
M 5
2.0 ... 4.0

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



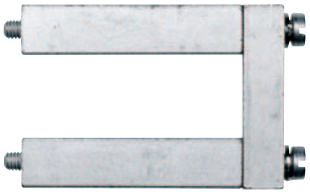
269 / 269
M 6
3.0 ... 4.5

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

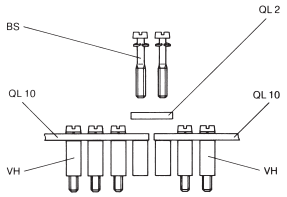
for terminal
WDU 120/150

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Accessories – Electrical distribution

Q screw-in cross-connectors

With this cross-connector, the cross-connection lugs, sleeves and fixing screws are pre-fitted. All individual parts are also available separately on request. Cross-connectors 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-connectors. For example, a 20-pole cross-connection is made up by connecting two 10-pole cross-connectors with the cross-connection strap of a 2-pole cross-connector (as shown).



Q ... AKZ 4SS

Technical data		
Continuous current 2-pole/multi-pole	A	32 / 32
Thread size		M 2.5
Tightening torque	Nm	0.4 ... 0.6

Order data	Type	Qty	Order No.
2-pole	Q...2 AKZ 4SS		0369000000
3-pole	Q...3 AKZ 4SS		0369100000
4-pole	Q...4 AKZ 4SS		0369200000
10-pole	Q...10 AKZ 4SS		0369300000
24-pole			

for terminal
WDK 2.5 EX

Q ... DLI 2.5

		24 / 24
		M 2.5
		0.4 ... 0.6

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
DLO 2.5

Q ... AKZ 1.5

Technical data		
Continuous current 2-pole/multi-pole	A	24 / 24
Thread size		M 2.5
Tightening torque	Nm	0.4 ... 0.6

Order data	Type	Qty	Order No.
2-pole	Q...2 AKZ 1.5	50	0368200000
3-pole	Q...3 AKZ 1.5	50	0368300000
4-pole	Q...4 AKZ 1.5	50	0368400000
10-pole	Q...10 AKZ 1.5	20	0368500000
24-pole			

for terminal
AKZ 1.5
AKZ 2.5

Q ... AKZ 4

		32 / 32
		M 2.5
		0.4 ... 0.6

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

		24 / 24
		M 2.5
		0.4 ... 0.6

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)

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Accessories – Electrical distribution

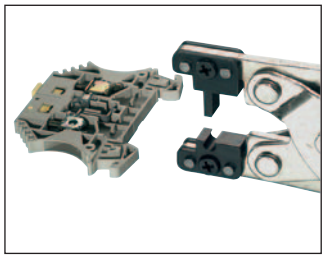
Cross-connection with WTR 2.5 isolating terminal and WSI 6 fuse terminal

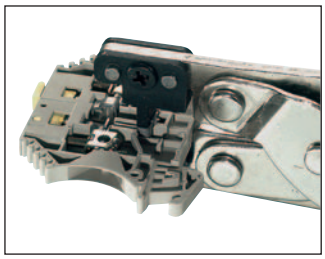
Assembly

The cross-connection straps are screwed directly to the busbar. For this purpose, use tool WAW 2 to press out the knockout side window of the clamped support and snap on the terminal. Now open the disconnect element (fuse holder) and insert the fixing screw. Push the cross-connection strap from the side through the knockout of the clamped support and fasten with the screws.
Important! The side window of the last terminal must not be broken out to safeguard the rated voltage.

Use

In WTR 2.5, assembly of the WQB B outside bridge involves less workload. But please note that the conductor cross-section is reduced by one size.





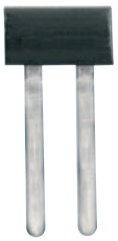
Outside cross-connection bridges

Function

Outside 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.

	Q L...	WQB A / ...	WQB B / ...
			
Technical data			
Continuous current 2-pole/multi-pole A	24 / 24	24 / 24	24 / 24
Fork length	12 mm	12 mm	16 mm

Order data

Type	Qty	Order No.
2-pole	QL 2	100	1578950000
3-pole	QL 3	100	**1578960000**
4-pole	QL 4	50	**1578970000**
10-pole	QL 10	20	1578990000
24-pole			
Fixing screw	BS-M 2,5 x 4,5	100	1062700000
Releasing tool	WAW 2	1	**9004510000**

for terminal
WTR 2.5
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

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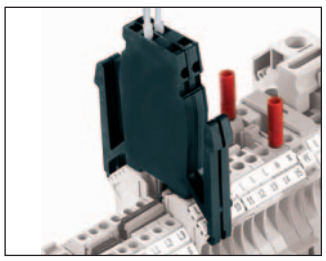
Delivery times see page X.2

Accessories – Testing

Test adapter



The clip-in test adapter WTA is used as single slice and also as test adapter strip for measurements in switchboards.

Conductors with a cross-section range from 0.5 mm² to 1.5 mm² can be clamped. The test adapter is simply clipped into the terminal for secure contact with the potential-conducting busbar. This connection is released again simply by pressing the release button.

Starting torque for all test adapters WTA 0.4 … 0.6 Nm (M 2.5)

		WTA 1	WTA 2
Dimensions			
Height (with TS 35 x 7.5)	mm	98.2	107.6
Length	mm	66.1	66.1
Width	mm	5.0	5.0
Stripping length	mm	6.0	6.0
Rated voltage / current / cross-connection			
to IEC 60 947-7-1		250 V / 6.0 A / 1.5 mm²	250 V / 6 A / 1.5 mm²
to UL/CSA		300 V / 6.0 A / 1.5 mm²	300 V / 6 A / 1.5 mm²
Clamped conductor			
solid core H 07V-U	mm²	0.5 ... 1.5	0.5 ... 1.5
flexible stranded H 07V-K	mm²	1.0 ... 1.5	1.0 ... 1.5
flexible stranded with AEH (DIN 46228/1)	mm²	0.5 ... 1.5	0.5 ... 1.5
Order data			
		Type / Qty / Order No.	**Type / Qty / Order No.**
1-pole		WTA 1 / 25 / **1632290000**	WTA 2 / 25 / **1632320000**
1-pole with clip-in pivot		WTA 1/ZA / 25 / **1632300000**	WTA 2/ZA / 25 / **1632330000**
10-pole		WTA 1/10 / 5 / **1632310000**	WTA 2/10 / 5 / **1632340000**
		for terminal	**for terminal** / **for terminal**
		WDU 2.5N	WDU 1.5 ZZ / WDU 4
		WDU 4N	WDU 2.5/1.5 ZR / WDU 6
			WDU 2.5 / WDU 10
			WDU 2.5 F / WDU 16
Marking tags		DEK 5	DEK 6

		WTA 5	WTA 6
Dimensions			
Height (with TS 35 x 7.5)	mm	68.2	107.6
Length	mm	17.0	66.1
Width	mm	5.0	5.0
Stripping length	mm	14	6.0
Rated voltage / current / cross-connection			
to IEC 60 947-7-1		250 V / 6.0 A / 0.75 mm²	250 V / 6.0 A / 1.5 mm²
to UL/CSA		300 V / 6.0 A / 0.75 mm²	300 V / 6.0 A / 1.5 mm²
Clamped conductor			
solid core H 07V-U	mm²	0.5 ... 1.0	0.5 ... 1.5
flexible stranded H 07V-K	mm²	1.0	1.0... 1.5
flexible stranded with AEH (DIN 46228/1)	mm²	0.5 ... 1.0	0.5 ... 1.5
Order data			
		Type / Qty / Order No.	**Type / Qty / Order No.**
1-pole		WTA 5 / 25 / **1051260000**	WTA 6 / 25 / **1632380000**
1-pole with clip-in pivot		- / - / -	WTA 6/ZA / 25 / **1632390000**
10-pole		WTA 5/10 / 5 / **1062060000**	WTA 6/10 / 5 / **1632400000**
		for terminal	**for terminal**
		WDU 2.5 / WDU 10	WTR 2.5
		WDU 4 / WDU 10 ZR	
		WDU 6	
Marking tags		DEK 3.5	DEK 6

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Delivery times see page X.2

Accessories – Testing

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		
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	1649600000
WTA 4/ZA	25	1649610000
WTA 4/10	5	1649620000
for terminal		
WDK 2.5		
WDK 2.5 V		
WDK 2.5 F		
WDK 2.5 FV		

DEK 5

Test plug (PS)

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.

Socket (StB)

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 isolating terminals are available with pre-fitted sockets (see W-series isolating terminals). The sockets are equipped with a slot for the screwdriver.

Combining with WQV

The socket can be used in combination with the WQV screw-in cross-connector. 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.

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

StB

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 (fingersicher)					
StB 21.6	PS 4	50	1071000000	WDU 4 WDU 10	WDU 6

PS

Test plug	Qty	Order No.
Diameter 2.3 mm / Rated current 17.5 A		
PS 2.3	20	0180400000
Diameter 4.0 mm / Rated current 24 A		
PS 4	20	0299600000

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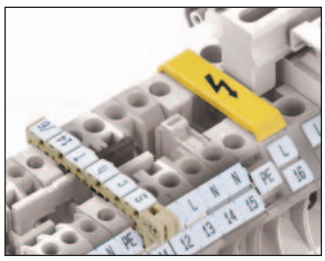
Accessories – Marking

Marking / Cover



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-connectors

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.

D

WAD

Type	Qty	Order No.	for standard terminal	for compact terminal
WAD 4 yellow*	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…
WAD 5 yellow*	50	1053460000	WDU 2.5	
WAD 5 white	50	1056060000	WDU 4	
WAD 8 yellow*	50	1053560000	WDU 6	
WAD 8 white	50	1056160000	WDU 10	
WAD 12 yellow*	50	1055960000	WDU 16...	
WAD 12 white	50	1056260000	WDU 35...	
WAD 12N yellow*	50	1073200000		WDU 16N…
WAD 12N white	50	1073290000		
WAD 16N yellow*	50	1083600000		WDU 35N…
WAD 16N white	50	1083500000		
WAD 20 yellow*	20	9512260000		WDU50N
WAD 20 white	20	9512270000		WDU 70N
				WDU 95N/120N
WAD 27 yellow*	10	1062860000	WDU 70/95	
WAD 27 white	10	1062960000	WDU 120/150	

* with warning flash

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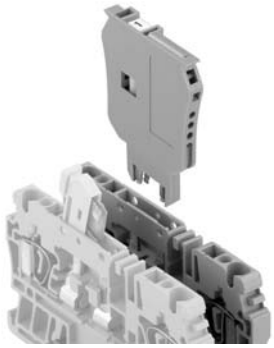
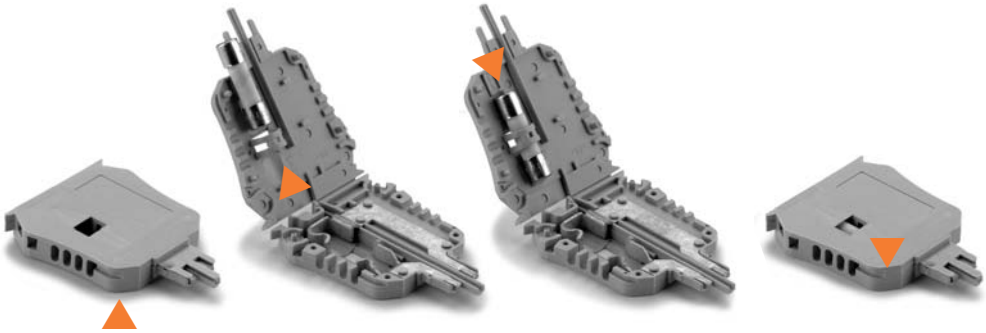
Accessories – Specific functions

SIHA fuse holder





1. Open fuse holder with fingers or screwdriver
2. Push old fuse out
3. Fit new fuse
4. Press fuse holder together again

For G-fuse cartridges 5 x 20

The SIHA fuse holder turns a simple terminal into a fuse terminal in next-to-no time.

Simply remove the isolating lever and plug on the fuse plug.

- Simple handling – without tools
- 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

D

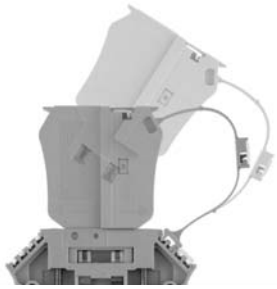
SIHA 1

	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 isolating terminal type		
WTR 2.5 ...		

SIHA 2

	Qty	Order No.
without LED		
SIHA2/G20		
400 V	1	**9537600000**
with LED (red)		
SIHA2/G20		
10 - 36 V	1	**9537610000**
35 - 70 V	1	**9537620000**
60 - 150 V	1	**9537630000**
140 - 250 V	1	**9537640000**
for isolating terminal type		
WTR 4 ...		

SIHA STRAP



	Qty	Order No.
with strap		
SIHA STRAP		
	20	**953768000**

Connector for subsequent assembly

- Receptacle in the terminal is the marking position
- Integrated marking position
- Clips into fuse holder either on the left or on the right

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Delivery times see page X.2

Accessories – Specific functions

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 push-on tab 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.

Shorting plug (WDS)

Shorting plugs (cross-connection plugs) are used together with sockets (diameter 2.3 mm) for easily disconnected cross-connection of terminals.

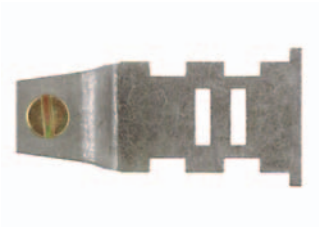
In practice, this plug is frequently used for isolating or measuring and isolating terminals. The insulated holder makes the WDS finger-safe.

Assembly

The plug is simply plugged onto the socket and locks automatically.

For terminal width 5.1 mm

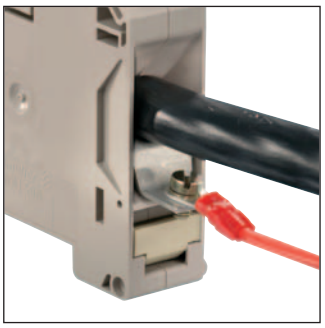
Extension connector (WZAD)



An extension connector (WZAD) is offered for feed-through terminals from 50 mm^2

Assembly

This connector consists of a metal part which is pushed into the terminal and lodges behind the clamping yoke. The WZAD extension connector is connected to the “main” conductor in the terminal. Another conductor of up to 4 mm^2 and 32A can be screwed to the outer end of the extension connector using a ring cable lug.



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	Clamping conductor	Rated current	Qty	Order No.	for terminal
WZAD 70	up to 4 mm^2	32 A	10	1066000000	WDU 70/95
WZAD 120	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
WZAD 95N/120N	up to 4 mm^2	32 A	5	1859580000	WDU 95N/120N

Reduced voltage

for standard terminal	Reduced voltage
WDU 1.5/ZZ	400V
WDU 2.5/1.5/ZR	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/ZR
WDU 2.5
WDK 2.5… (WQV)
WTR 2.5…
WDU 2.5 F…

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Delivery times see page X.2

Accessories – Specific functions

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 is used to split the joint PE and N conductor into 2 separate conductors, transforming the TN-S to a TN-C mains.

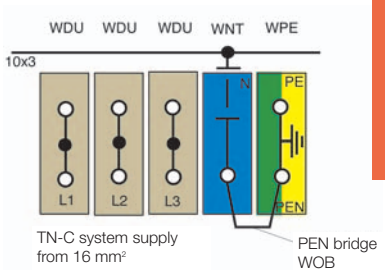
Standard installation

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.

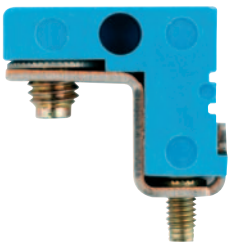
Building installation with N conductor isolation

There are special outside cross-connectors (WQB-PEN) for isolating neutral 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 ...

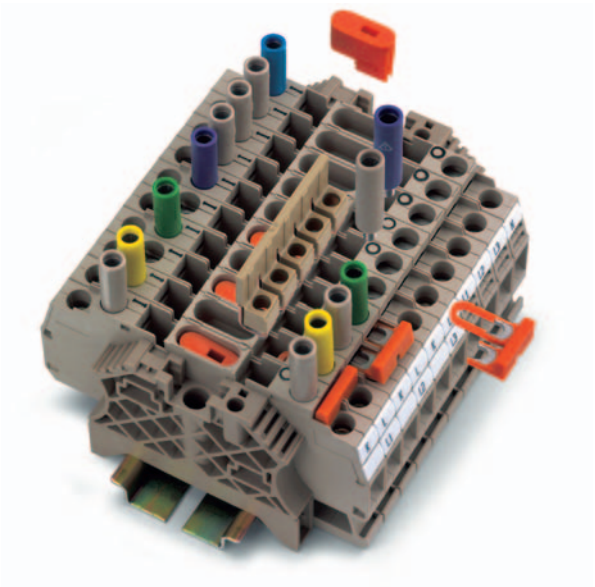
Type	Qty	Order No.	for terminal
with standard terminals			
WQB-PEN 10	10	**1060300000**	WPE 10 WDU 10 BL
WQB-PEN 16	10	**1060200000**	WPE 16 WDU 16 BL
WQB-PEN 3	10	**1060100000**	WPE 35N WDU 35N BL
with isolating neutral terminals			
WQB-PEN 16N	10	**1079600000**	WNT 16N WPE 16N
WQB-PEN 35N	10	**1079500000**	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	**9525840000**	WPE 70N WDU 70N BL
WQV 70/95-PEN	5	**1072300000**	WPE 70/95 WDU 70/95 BL
WQV 120-PEN	5	**1072400000**	WPE 120/150 WDU 120/150 BL

Accessories – Specific functions

Accessories for measuring and isolating terminals

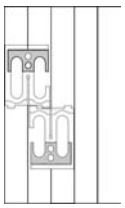


Cross-connection slider QVS ...

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 screwdriver guide. Cross-connection sliders are designed so that the sockets inserted in the terminals remain available for test plugs at every position.
The 2-pole version type QVS 2S is designed to slide with test plugs plugged in. If the option of testing is required when the QVS is plugged in, socket StB35 can be used for fastening.
The clearance and creepage sections required for the rated voltage of the terminal are changed when accessories are fitted.

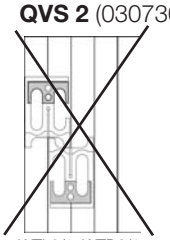
Sockets type StB are screwed into the busbar of the terminal. They take test plugs type PS4 or cross-connectors type QS2.

QVSK 2 (167036)



WTL6/1, WTD6/1

QVS 2 (030730)



WTL6/1, WTD6/1

Note:

QVB 2 cannot be switched offset to each other.

Rated voltage

for neighbouring	rated voltage
QVS	63 V
WQV	bis 400 V
QL	250 V

for neighbouring	rated voltage
StB 25	63 V
StB 30.5	63 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
SSP WTL	100	1604200000

QVS 1

Cross-connection slider

QVS QVS QVSK 2 QVS 2S

Type	No. of poles	Qty	Order No.
QVS 2	2	20	0307300000
QVSK 2	2	20	1670360000
QVS 3	3	20	0329300000
QVS 4	4	20	0307400000
QVS 2S	2	20	0358460000

STB

Sockets

Type	Colour	Qty	Order No.
STB 14			
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

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Accessories – Specific functions

Accessories for measuring and isolating terminals

BS fixing screws

WH connecting sleeves

WQV cross-connectors

WQV cross-connectors 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 isolating terminals WLT 6.1 as fixed i. e. not switching cross-connector. 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 sections 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 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	plain	50	0334700000
BS M3 x 20 CuNi 60 (copper alloy)		100	0377100000
Connecting sleeves			
VH 19 CuZn 39 (brass alloy)		50	0318000000
VH 12 E-Cu 57 (copper alloy)		100	0249000000

WQV / QL

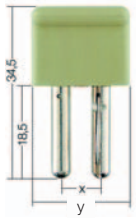
WQV (only for WTL 6/2, WTL 6/3)

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**

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

QS 2

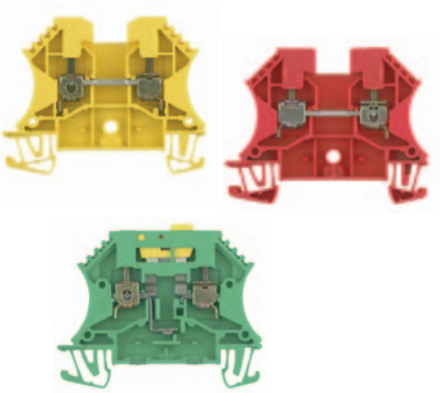


Type	No. of poles	Qty	Order No.
WQV			
QS 2 x = 8 mm, y = 16 mm	2	20	0270960000
QS 2 x = 10 mm, y = 20 mm	2	20	**0270860000**
QS 2 x = 12 mm, y = 20 mm	2	20	**0270760000**

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Colour-versions

Colour-versions



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

	Colour	Qty	Order No.
WDU 2.5			
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 6 WS	white		1039700000
WDU 10			
WDU 10 OR	orange		1020360000
WDU 10 GR	grey		1020320000
WDU 10 RT	red		1020340000
WDU 16			
WDU 16 OR	orange		1020460000
WTR 2.5			
WTR 2.5 OR	orange		1011160000
WTR 2.5 GE	yellow		1011120000
WTR 2.5 GN	green		1011130000
WTR 2.5 GR	grey		1011150000
WTR 2.5 RT	red		1011140000
WTR 2.5 SW	black		1011110000
WTR 2.5 WS	white		1011190000
WTR 4			
WTR 4 SW	black		7910200000
WTR 4 StB			
WTR 4 StB SW	black		7910230000
WSI 6			
WSI 6 OR	orange		1011060000
WSI 6 SW	black		1011010000
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
WTQ 6/1			
WTQ 6/1 GE	yellow		1847660000
WTL 6/3			
WTL 6/3 BR	brown		1018640000
WTL 6/3 GR	green		1018850000

Compact design

	Colour	Qty	Order No.
WDU 2.5N			
WDU 2.5N OR	orange		1023760000
WDU 2.5N GE	yellow		1023790000
WDK 2.5N			
WDK 2.5N OR	orange		1041660000
WDK 4N			
WDK 4N OR	orange		1041960000

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Terminal blocks

Pre-fitted terminal blocks

Ready 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.

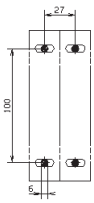
Important!

- Tolerances for butt mounting must be heeded in project planning. A butt 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.

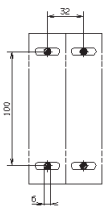
  For direct mounting without the mounting rail please take notice of the drilling plan.

  Fixing with screw M6x16.
  (Order No. 1063700000/ Qty. 20)

Drilling plan WDU 70/95



Drilling plan 120/150



Standard design

Standard design	Qty	Order No.	Description
WDU 2.5			
WDU 2.5/10 BEZ	10	**1020700000**	10x WDU 2.5, identified by printed marking strip DEK 5 (nos. 1 – 9)
WDU 2.5/10/ZA BEZ 1-10	10	**1033410000**	10x WDE 2.5, identified by printed marking strip DEK 5 (nos. 1 – 10)
WDU 2.5/10 BEZ/NE	10	**1020800000**	10 x WDE 2.5, with neutral marking strip DE 4
WDK 2.5			
WDK 2.5/10/BEZ	10	**1025600000**	10x WDK 2.5 (WQV), identified by printed marking strip DEK 5 (nos. 1 – 9)
WDK 2.5/10	10	**1025700000**	10 x WDK 2.5 (WQV), with neutral marking strip DEK 5
WDK 2.5 ZQV/10/BEZ	10	**1025610000**	10 x WDK 2.5 (ZQV), identified by printed marking strip DEK (fig. 1-9)
WDU 4			
WDU 4/10/BEZ	10	**1020900000**	10x WDU 4, identified by printed marking strip DEK 6 (figs. 1-9)
WDU 4/10	10	**1021000000**	10 x WDU 4 identified by neutral marking strip DEK 6
WMA 4/4	20	**1034000000**	3x WDU 4 (marked L1, L2, L3), WPE 4 (marked PE)
WMA 4/5	20	**1033800000**	3x WDU 4 (marked L1,L2,L3), DEU 4 in blue (identified by N), WPE 4 (marked PE)
WDU 6			
WDU 6/10 BEZ	10	**1021400000**	10x WDU 6, identified by printed marking strip DEK 8 (figs. 1-9)
WDU 6/10 BEZ/NE	10	**1021300000**	10x WDU 6 identified by neutral marking strip DEK 8
WDU 70/95			
WDU 70/95/3	4	**1026700000**	3 x WDU 70/95
WDU 70/95/4	3	**1026800000**	4 x WDU 70/95
WDU 70/95/5	2	**1026900000**	5 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, 1x WDU 70/95 green
WDU 120/150			
WDU 120/150/3	3	**1026400000**	3 x WDU 120/150
WDU 120/150/4	2	**1026500000**	4 x WDU 120/150
WDU 120/150/5	2	**1026500000**	5 x WDU 120/150
WDU 120/150/5/N	2	**1032400000**	mains terminal block, 3x WDU 120/150 dark beige, 1x WDU 120/150 blue, 1x WDU 120/150 green
WDL 2.5			
WDL 2.5/3/S/NT/L/PE	25	**1034200000**	3x 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
DLI 2.5			
DLI 2.5/10 DB	10	**1783850000**	10 x DLI 2.5DB, the bottom two levels each cross-connected, no marking tabs
DLI 2.5/10/BEZ +- DB	10	**1783830000**	10x DLI 2.5 DB, the bottom two levels each cross-connected, identified by +/-
DLA 2.5 DB			
DLA 2.5/10 DB	10	**1783570000**	10x DLA 2.5 DB, the two bottom levels each cross-connected, no marking tabs
DLA 2.5/10/BEZ DB	10	**1783580000**	10x DLA 2.5 DB, the two bottom levels each cross-connected, identified by -/PE
AKZ 1.5			
AKZ 1.5/10	10	**0358060000**	10x AKZ 1.5
AKZ 1.5/10/BEZ	10	**0358160000**	10x AKZ 1.5, identified by printed marking strip DEK 5 (nos. 1-9)
AKZ 4			
AKZ 4/10	10	**0359560000**	10x AKZ 4
AKZ 4/10/BEZ	10	**0359660000**	10x AKZ 4, identified by printed marking strips DEK 5 (nos. 1-9)

Compact design	Qty	Order No.	Description
WDU 2.5N			
WDU 2.5N/10 BEZ/NE	10	**1024800000**	10x WDU 2.5N, identified by printed marking strips DEK5 (nos. 1-9)
WDU 2.5N/10 BEZ	10	**1024900000**	10x WDU 2.5N, identified by neutral marking strip DEK5
WDK 2.5N			
WDK 2.5N/10 (0-9)	10	**1041700000**	10x WDK 2.5N, identified by printed marking strip DEK5 (nos. 1-9)
WDK 2.5N/10	10	**1041800000**	10x WDK 2.5N, identified by neutral marking strip DEK5
WDK 4N			
WDK 4N/10 (0-9)	10	**1042000000**	10x WDK 4N, identified by printed marking strip DEK6 (nos. 1-9)
WDK 4N/10	10	**1042100000**	10x WDK4N, identified by neutral marking strip DEK6

SAK series

The SAK series lives on ...

... there's new product information on the core range of the SAK family!

Weidmüller supports all customers of the SAK family. The new print material is the SAK product information and two information brochures on specific subjects.

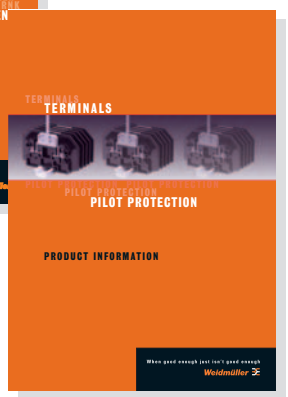
Screw connection – SAK series
Order number:
5634640000 SAK D
5634650000 SAK GB
5635020000 SAK E

SAK conductor connectors – synonymous with reliable connections and product variety.

Many years of market experience have resulted in a constant stream of new improvements. No terminal in the world embodies such know-how as the SAK.
Thus, the unassuming insulated unit with "clamping function" for the conductor conceals a wealth of sound knowledge and broad experience. For terminals have to cope with a wide variety of adverse conditions on a daily basis. The connection systems are chosen according to the application in question.

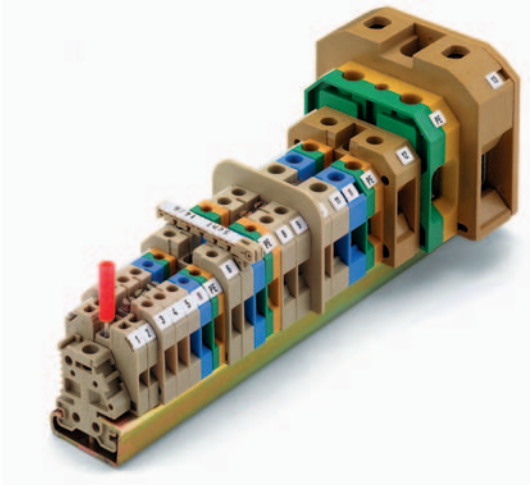
As well as connecting conductors, terminals also perform other functions: when provided with marking tags, the terminals are responsible for clear organisation of the electrical system. In addition, they form a defined connecting point that can be arranged in any order – a starting point for cables and conductors leading to the individual items of equipment in the switchgear cabinet or out of the switchgear cabinet altogether. Terminals make switchgear easier to service and maintain because they can be used for electrical measurements, for splitting up specific electrical circuits or protecting these with corresponding elements. In addition, cross connectors may be used, to distribute potential.

Energy supply and energy generation, transducer isolating terminals and nuclear power station terminals
Order number:
5622400000 D
5622410000 GB



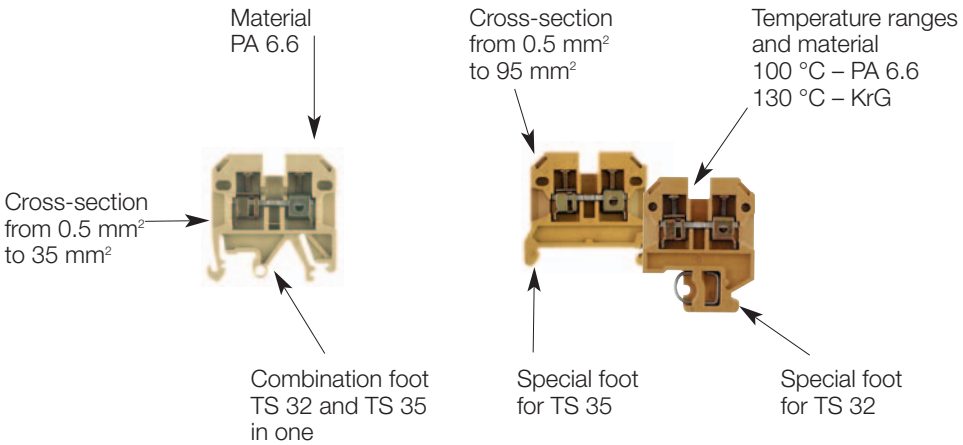
Terminals – pilot protection
Order number:
5628310000 GB

SAK series



Advantages of all SAK terminals:

- Separation of electrical and mechanical function:
  - Screw or tension clamp for mechanical function
  - Copper busbar for electrical function
- Maintenance-free, stock and vibration resistant, screw technology
- Low voltage drop, gas tight contact point
- High clamping point regardless of cross-section
- Three different clip-in feet available
- Various insulation materials
- Wide range of special terminals with different connecting techniques
- Wide range of accessories



Product range

Terminal type	Rated cross-section 2.5 mm²	4 mm²	6 mm²	10 mm²	16 mm²	35 mm²	Flat connection	Flat plug-in connection	Spring loaded	Soldered 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-decker 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-decker fuse terminals										
PA 6.6 / TS 32		•								
PA 6.6 / TS 35		•								
Combination foot		•								
Isolating terminals										
TS 35		•		•						
PA 6.6 / TS 15		•								
Double-decker isolating terminals		•							•	
Ceramic terminals		•		•						

Overview

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 mm^2 to 300 mm^2.

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 voltage loss 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.

Accessories

We also offer extensive accessories for our stud terminals, with detailed descriptions on the following pages.

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

Series ST 400

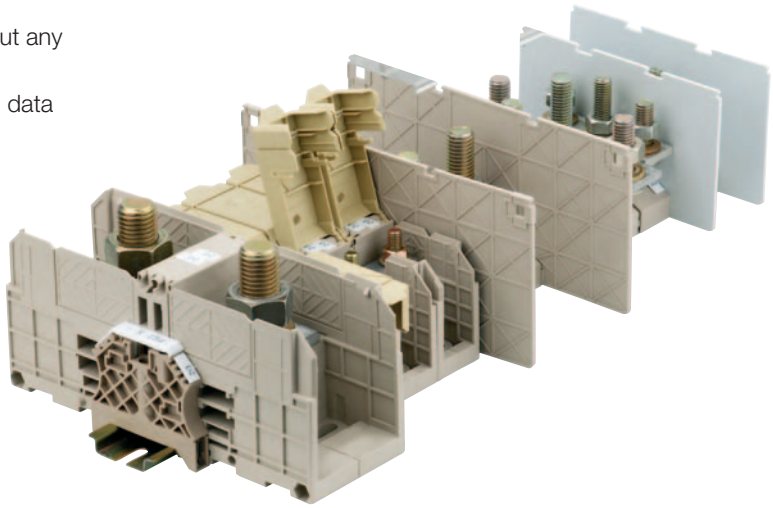
- for voltage ranges up to 4000 V and currents up to 415 A
- for extreme demands, particularly in railway applications

Single stud terminals WF

- 4 conductors can be securely connected without any problems
- 3 conductors even without restricting the rating data

Two-stud terminals WFF

- integrated hinged head



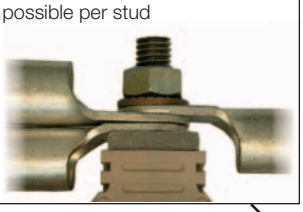
Product overview

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)		•	•	•		

In detail

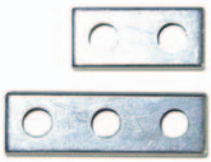
Stud connection

- Stud size M5 to M16
- Conductor with cable lug
  acc. to DIN 46234 up to 240 mm²
  acc. to DIN 46235 up to 300 mm²
- 3 cable lugs possible per stud



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)

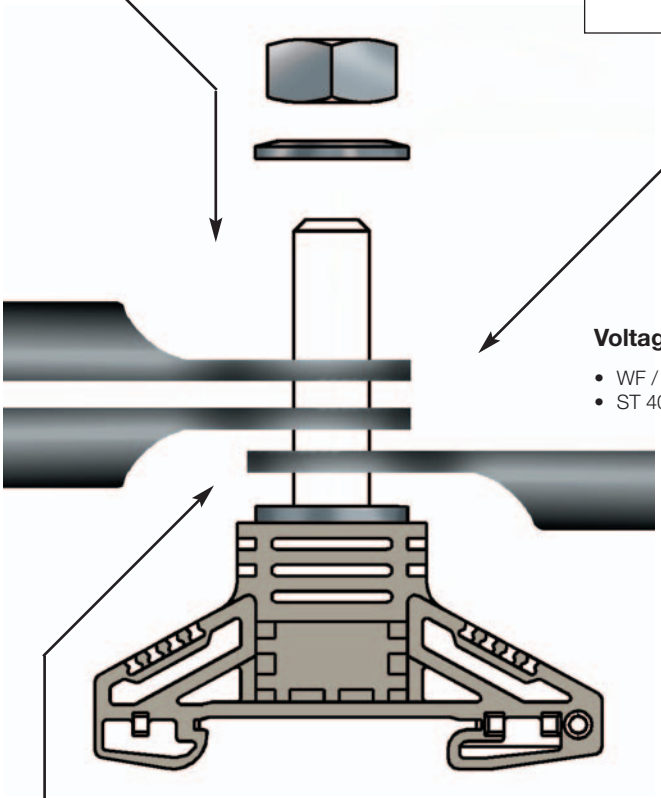


Simple handling

- Cable lugs placed on the stud
- Washer and toothed washer placed on top
- Steel nut tightened to create contact between cable lugs and possibly bus bar

Wemid clamped support

- Tracking resistance CTI 600
- Temperature resistant 120°C
- Self-extinguishing VO acc. to UL94
- Free of pollutants



Voltage range

- WF / WFF up to 2300 V
- ST 4000 up to 4000 V

Safe contact

- Maintenance free, no need to tighten the nuts
- Toothed washer for vibration-proof, high-strength contact
- Cable lugs contact directly or via a highly conductive busbar

Safe handling

Shock protection

- In WF with partitions and transparent cover profiles
- In WFF with locking cover for each connection
- In ST 4000 with screw-on polycarbonate cover

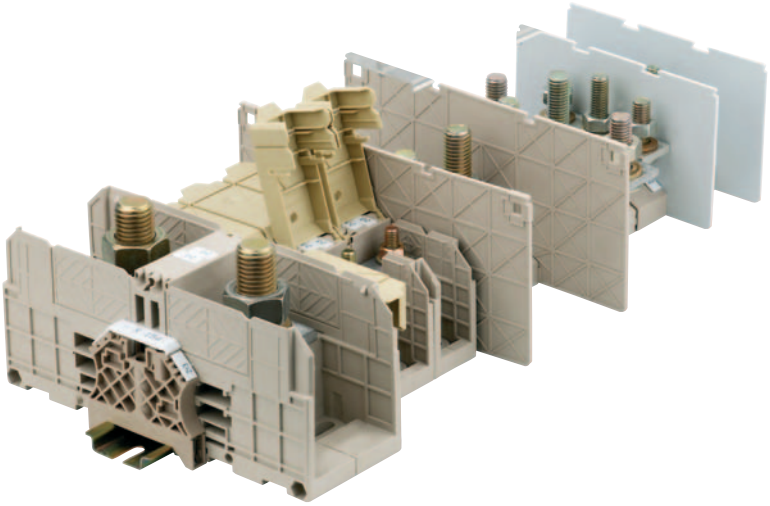
Standards

Fulfil requirements for standard terminals and specific railway standards

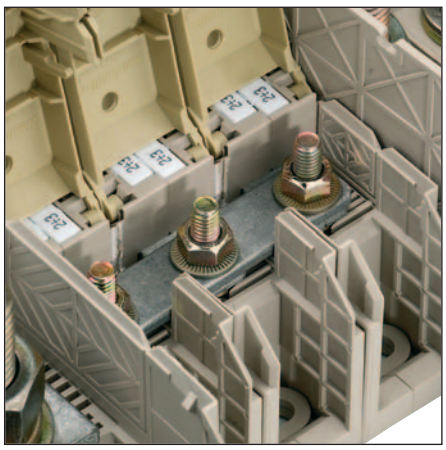
- EN 60 947-7-1
- EN 50124-1
- DIN EN 61373
- RIA 20
- EN 50343
- NF F 61-017

Stud terminals – accessories

Series WF and WFF

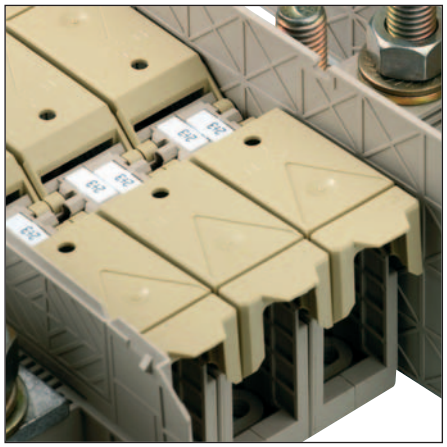


Electrical distribution



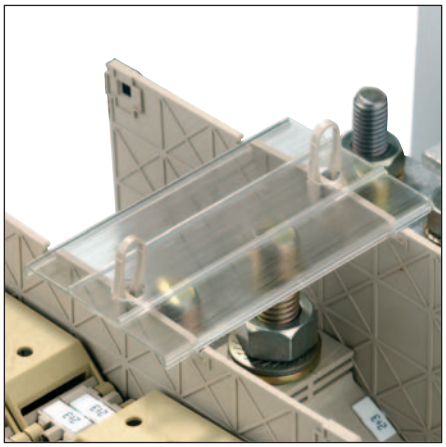
Electrical distribution can be realised between neighbouring stud terminals easily with 2- and 3-poles cross-connections. Cross-connections are also available for different thread sizes from M6 to M8 or M10.
In the WFF two-stud terminals, firstly the flashes have to be removed between the clamped supports. The thin web of material means they can be broken out easily to fit.

Shock protection



The two-stud terminals in the WFF 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 external influences.

Shock protection / partition plates

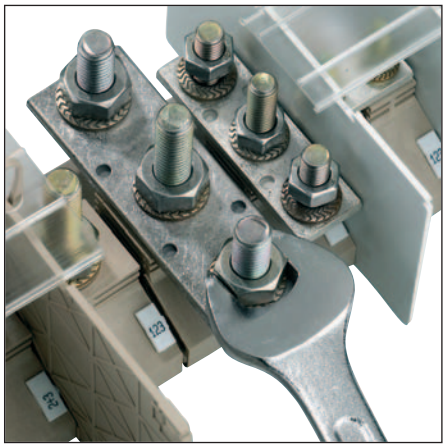


Shock protection in the WF series is provided by partition plates and transparent cover profiles.
The cover profiles are locked into the guides of the partition plates and held with clips to prevent them slipping to the side.

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

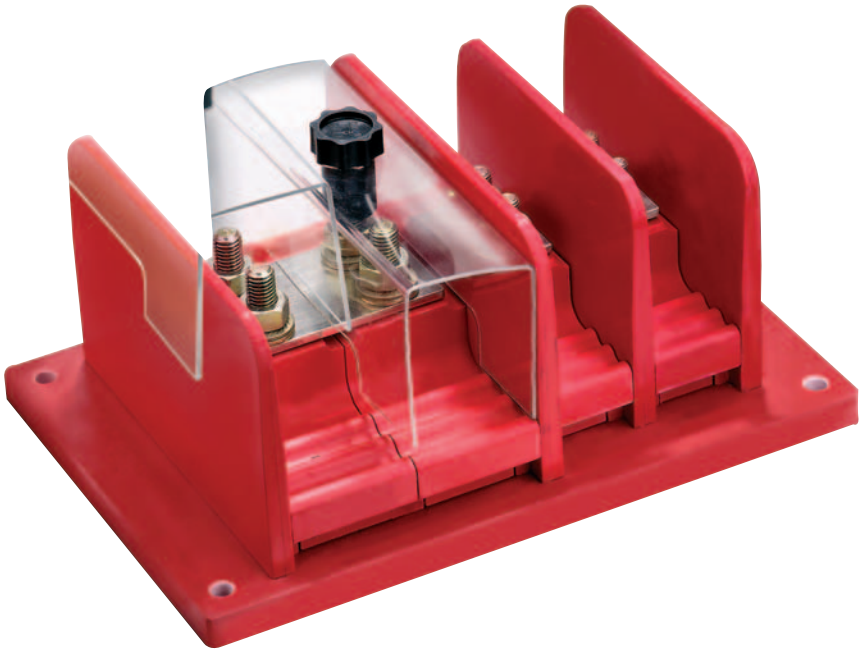
Connection



Can'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.

Stud terminals – accessories

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 walls and fastened to the stud with the plastic-coated fixing nut.
Fixing nuts are available to fit every stud size.

Electrical distribution

When two neighbouring ST 4000 terminals have the same potential, 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 connectors are available as 2, 3 or 4-poles.

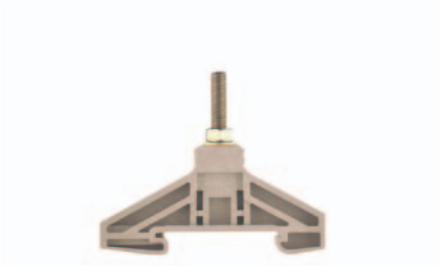
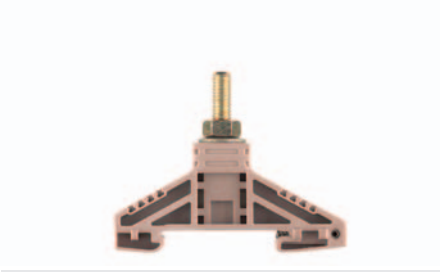
Connection

Can'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.

1-stud terminals

WF-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.

		WF 5	WF 6
		16 mm²	35 mm²
			
Width/Length/Height with TS35x7.5	mm	**13** x 67 x 54	**19.6** x 67 x 56
Max. current / max. cond. cross-section	A/mm²	**76 / 16**	**125 / 35**
Max. clamping range	mm²	**0.1... 16**	**2.5... 35**

Technical data

Rated data w. partition, Wemid		IEC	UL	CSA	EN 50019	IEC	UL	CSA	EN 50019
Rated voltage	V	1000	1000	1000		1000	1000	1000	
Rated current	A	76	115	85		125	115	150	
Rated cross-section	mm²	16	AWG 10 …5	AWG 10…4		35	AWG 14 …2	AWG 14…2	
Rated impulse voltage / Pollution severity	kV/-	8 / 3				8 / 3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		/ V-0				/ V-0			
Approvals									
Rated data w. partition, Epoxy resin		EN 50124				EN 50124			
Rated voltage / Rated impulse voltage	V/kV								
Cable lugs, clamp.									
DIN 46234 / 1 cable lug per side	mm²	0.1…16				2.5…35			
DIN 46234 / 2 cable lugs per side	mm²	0.1…16				2.5…35			
DIN 46235 / 1 cable lug per side	mm²	6…10				6…35			
DIN 46235 / 2 cable lugs per side	mm²	6…10				6…25			
Tightening torque range	Nm	2.0				3.0…6.0			
Information									

Ordering data

Version		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	dark beige Wemid	WF 5	25	**1790130000**	WF 6	25	**1780850000**
	blue Wemid						
Version w. mounted hood	dark beige Wemid						
Information							

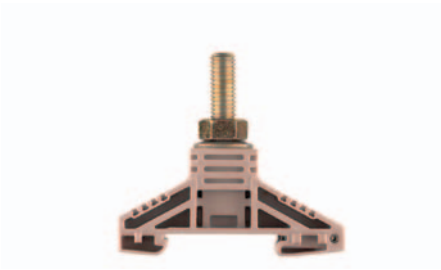
Accessories

Cross-connection		**Type**	**Current [A]**	**Qty.**	**Order No.**	**Type**	**Current [A]**	**Qty.**	**Order No.**
WQL	2-pole	WQL 2 WF5	76	5	**1812710000**	WQL 2 WF6 - t=4mm	125	5	**1780970000**
	3-pole	WQL 3 WF5	76	5	**1812740000**	WQL 3 WF6 - t=4mm	125	5	**1780980000**
Partition			**Width [mm]**				**Width [mm]**		
up tp 1000V	dark beige Wemid					WTW WF6	2	20	**1781220000**
up to 1000V f. insul. cable lugs	dark beige Wemid	WTW WF6-WF12	2.5	20	**1781240000**	WTW WF6-WF12	2.5	20	**1781240000**
up to 2300V	beige epoxy resin					WTW WF6 2300	2	20	**1781230000**
End bracket			**Width [mm]**				**Width [mm]**		
	dark beige Wemid	WEW-35/2	8	100	**1061200000**	WEW-35/2	8	100	**1061200000**
Shock protection									
	Cover profile, transparent	ADP WF6/WF8		20	**1780930000**	ADP WF6/WF8		20	**1780930000**
	Holder for cover profile, transp.	HA ADP WF6/WF10		10	**1781050000**	HA ADP WF6/WF10		10	**1781050000**
	Hood, dark beige, Wemid								
Warning triangle for power supply terminals									
	With elec. shock warn. symbol								
Marking systems (see large assortment in chapter M)									
	Tags	WS 12/5				WS 10/5 / WS 10/6			
For detailed information on additional accessories and usage instructions see chapter accessories.		With WTW…2300 made of epoxy resin, rated current 2.300V acc. to EN 50124-1				With WTW…2300 made of epoxy resin, rated current 2.300V acc. to EN 50124-1			

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

1-stud terminals

WF 8 — 50 mm²



24.6 x 67 x 65
150 / 50
2.5... 50

IEC	UL	CSA	EN 50019
1000	1000	1000	
150	150	150	
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

Type	Qty.	Order No.
WF 8	25	1780860000

Type	Current [A]	Qty.	Order No.
WQL 2 WF6-8 - t=4mm	150	5	**1808980000**
WQL 3 WF8 - t=4mm	150	5	**1781000000**
Width [mm]			
WTW WF8	2	20	1780900000
WTW WF6-WF12	2.5	20	**1781240000**
WTW WF8 2300	2	20	**1780910000**
Width [mm]			
WEW-35/2	8	100	1061200000
ADP WF6/WF8		20	**1780930000**
HA ADP WF6/WF10		10	**1781050000**

WS 10/5 / WS 10/6

With WTW…2300 made of epoxy resin, rated current 2.300V acc. to EN 50124-1

WF 10 — 120 mm²

35.6 x 67 x 74
269 / 120
6... 120

IEC	UL	CSA	EN 50019
1000	1000	1000	
269	255	255	
120	AWG 10 …250 kcmil	AWG 10…250 kcmil	
	8 / 3		
	/ V-0		

EN 50124

6…120
6…120
10…95
10…95
10…20

Type	Qty.	Order No.
WF 10	20	1780870000

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 WF6-WF12	2.5	20	**1781240000**
WTW WF10/WF12 2300	2	20	**1780920000**
Width [mm]			
WEW-35/2	8	100	1061200000
ADP WF10/WF12		20	**1780940000**
HA ADP WF6/WF10		10	**1781050000**

WS 10/5 / WS 10/6

With WTW…2300 made of epoxy resin, rated current 2.300V acc. to EN 50124-1

WF 12 — 120 mm²

35.6 x 67 x 72
269 / 120
6... 120

IEC	UL	CSA	EN 50019
1000	1000	1000	
269	255	320	
120	AWG 10 …250 kcmil	AWG 10…250 kcmil	
	8 / 3		
	/ V-0		

EN 50124

6…120
6…120
10…95
10…95
14…31

Type	Qty.	Order No.
WF 12	20	1780880000

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 WF6-WF12	2.5	20	**1781240000**
WTW WF10/WF12 2300	2	20	**1780920000**
Width [mm]			
WEW-35/2	8	100	1061200000
ADP WF10/WF12		20	**1780940000**
HA ADP WF6/WF10		10	**1781050000**

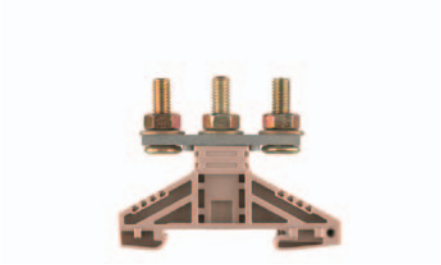
WS 10/5 / WS 10/6

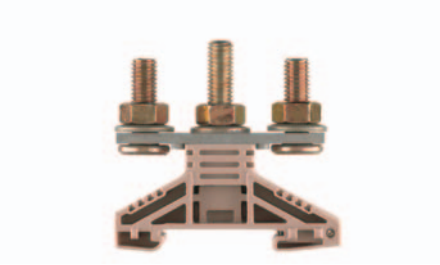
With WTW…2300 made of epoxy resin, rated current 2.300V acc. to EN 50124-1

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

2-stud terminals

WF 2BZ	WF 6/2BZ	35 mm²	WF 8/2BZ	50 mm²





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.

		WF 6/2BZ	WF 8/2BZ
Width/Length/Height with TS35x7.5	mm	**19.6** x 67 x 56	**24.6** x 67 x 65
Max. current / max. cond. cross-section	A/mm²	**125 / 35**	**150 / 50**
Max. clamping range	mm²	**2.5... 35**	**2.5... 50**

Technical data

Rated data w. partition, Wemid		IEC	UL	CSA	EN 50019	IEC	UL	CSA	EN 50019
Rated voltage	V	1000	1000	1000		1000	1000	1000	
Rated current	A	125	115	115		150	150	150	
Rated cross-section	mm²	35	AWG 14 ...2	AWG 14...2		50	AWG 14 ...1/0	AWG 14...1/0	
Rated impulse voltage / Pollution severity	kV/-	8 / 3				8 / 3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		/ V-0				/ V-0			
Approvals									
Rated data w. partition, Epoxy resin		EN 50124				EN 50124			
Rated voltage / Rated impulse voltage	V/kV								
Cable lugs, clamp.									
DIN 46234 / 1 cable lug per side	mm²	2.5...35				2.5...50			
DIN 46234 / 2 cable lugs per side	mm²	2.5...35				2.5...50			
DIN 46235 / 1 cable lug per side	mm²	6...25				6...35			
DIN 46235 / 2 cable lugs per side	mm²	6...25				6...35			
Tightening torque range	Nm	3.0...6.0				6.0...12			
Information									

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige Wemid	WF 6/2BZ - t=4mm	25	1789770000	WF 8/2BZ - t=4mm	25	1789780000
	blue Wemid						
Version w. mounted hood	dark beige Wemid						
Information							

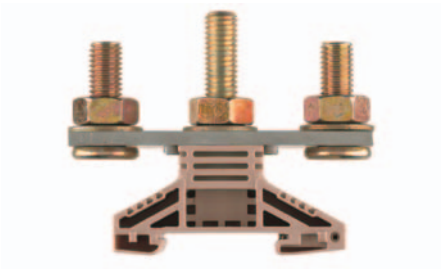
Accessories

Cross-connection		Type	Current [A]	Qty.	Order No.	Type	Current [A]	Qty.	Order No.
WQL	2-pole	WQL 2 WF6 - t=4mm	125	5	1780970000	WQL 2 WF8 - t=4mm	150	5	**1780990000**
	3-pole	WQL 3 WF6 - t=4mm	125	5	**1780980000**	WQL 3 WF8 - t=4mm	150	5	**1781000000**
Partition			**Width [mm]**				**Width [mm]**		
up tp 1000V	dark beige Wemid	WTW WF10/WF12	2	20	1780890000	WTW WF10/WF12	2	20	1780890000
up to 1000V f. insul. cable lugs	dark beige Wemid								
up to 2300V	beige epoxy resin								
End bracket			**Width [mm]**				**Width [mm]**		
	dark beige Wemid	WEW-35/2	8	100	1061200000	WEW-35/2	8	100	1061200000
Shock protection									
	Cover profile, transparent	ADP WF10/WF12		20	**1780940000**	ADP WF10/WF12		20	**1780940000**
	Holder for cover profile, transp.	HA ADP WF6/WF10		10	**1781050000**	HA ADP WF6/WF10		10	**1781050000**
	Hood, dark beige, Wemid								
Warning triangle for power supply terminals									
	With elec. shock warn. symbol								
Marking systems (see large assortment in chapter M)									
	Tags	WS 10/5 / WS 12/5				WS 10/5 / WS 12/5			
For detailed information on additional accessories and usage instructions see chapter accessories.									

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

2-stud terminals

WF 10/2BZ — 120 mm²



35.6 x 67 x 74
269 / 120
6... 120

IEC	UL	CSA	EN 50019
1000	1000	1000	
269	230	230	
120	AWG 10 …250 kcmil	AWG 10…250 kcmil	
	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
	Width [mm]		
WEW-35/2	8	100	1061200000
ADP WF10/WF12		20	**1780940000**
HA ADP WF6/WF10		10	**1781050000**

WS 10/5 / WS 12/5

With WTW…2300 made of epoxy resin, rated current 1.500V up to 70 mm² acc. to EN 50124-1

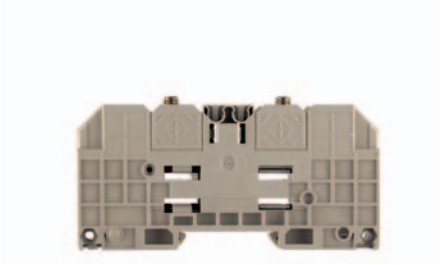
Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

2-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.

		WFF 35	WFF 70
		35 mm²	70 mm²
Width/Length/Height with TS35x7.5	mm	**27** x 107 x 54.5	**32** x 132 x 64
Max. current / max. cond. cross-section	A/mm²	**150 / 50**	**232 / 95**
Max. clamping range	mm²	**2.5... 50**	**2.5... 95**



Technical data

		WFF 35				WFF 70			
				EEx e II Ex T II 2 G D				EEx e II Ex T II 2 G D	
Rated data w. partition, Wemid		**IEC**	**UL**	**CSA**	**EN 50019**	**IEC**	**UL**	**CSA**	**EN 50019**
Rated voltage	V	1000	1000	600	1100	1000	1000	600	1100
Rated current	A	125	115	130	109	192	175	170	167
Rated cross-section	mm²	35	AWG 14 ...2	AWG 14...2	35	70	AWG 14 ...2/0	AWG 14...2/0	70
Rated impulse voltage / Pollution severity	kV/-	8 / 3				8 / 3			
Plug gauge IEC 60-947-1 / flammability class acc. UL94		/ V-0				/ V-0			
Approvals				KEMA 98ATEX1684 U				KEMA 98ATEX1684 U	
Rated data w. partition, Epoxy resin		**EN 50124**				**EN 50124**			
Rated voltage / Rated impulse voltage	V/kV								
Cable lugs, clamp.									
DIN 46234 / 1 cable lug per side	mm²	2.5...50				2.5...95			
DIN 46234 / 2 cable lugs per side	mm²	2.5...35				2.5...70			
DIN 46235 / 1 cable lug per side	mm²	6...25				16...70			
DIN 46235 / 2 cable lugs per side	mm²	6...25				16...70			
Tightening torque range	Nm	3.0...6.0				6.0...12			
Information		Auxillary connection available up to 4mm²/32A (see section accesories).				Auxillary connection available up to 4mm²/32A (see section accesories).			

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige Wemid	WFF 35	10	1028300000	WFF 70	10	1028400000
	blue Wemid	WFF 35 BL	10	**1028380000**	WFF 70 BL	10	**1028480000**
Version w. mounted hood	dark beige Wemid	WFF 35/AH	10	**1029300000**	WFF 70/AH	10	**1029400000**
Information							

Accessories

Cross-connection		Type	Current [A]	Qty.	Order No.	Type	Current [A]	Qty.	Order No.
WQL	2-pole	WQL 2 WFF35	125	5	**1064900000**	WQL 2 WFF70	192	5	**1065000000**
	3-pole	WQL 3 WFF35	125	5	**1065400000**	WQL 3 WFF70	192	5	**1065500000**
Partition			**Width [mm]**				**Width [mm]**		
up tp 1000V	dark beige Wemid	WTW WFF35	2	10	1067100000	WTW WFF70	2	10	1067200000
up to 1000V f. insul. cable lugs	dark beige Wemid								
up to 2300V	beige epoxy resin								
End bracket			**Width [mm]**				**Width [mm]**		
	dark beige Wemid	WEW 35/1	12.2	50	1059000000	WEW 35/1	12.2	50	1059000000
Shock protection									
	Cover profile, transparent								
	Holder for cover profile, transp.								
	Hood, dark beige, Wemid								
Warning triangle for power supply terminals									
	With elec. shock warn. symbol	WD 1 25 K KARTE A 6 ST		5	**1563900000**	WD 1 25 K KARTE A 6 ST		5	**1563900000**
Marking systems (see large assortment in chapter M)									
	Tags	WS 12/6,5				WS 12/6,5			
For detailed information on additional accessories and usage instructions see chapter accessories.		At the unused contact points, the cover plate WAP is used together with the hood WAH.				At the unused contact points, the cover plate WAP is used together with the hood WAH.			

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

2-stud terminals

WFF 120 — 120 mm²

42 x 132 x 73
309 / 150
6... 150

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
1000	1000	600	1100
269	310	310	234
120	AWG 10 …250 kcmil	AWG 10…250 kcmil	120
8 / 3			
/ V-0			

KEMA 98ATEX1684 U

EN 50124

6…150
6…120
16…150
16…120
10…20

Auxillary connection available up to 4mm²/32A (see section accesories).

Type	Qty.	Order No.
WFF 120	5	1028500000
WFF 120 BL	5	1028580000
WFF 120/AH	5	**1029500000**

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	12.2	50	1059000000
WD 1 25 K KARTE A 6 ST		5	**1563900000**

WS 12/6,5

At the unused contact points, the cover plate WAP is used together with the hood WAH.

WFF 185 — 185 mm²

55 x 163 x 79
415 / 240
10... 240

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
1000	1000	600	1100
353	380	360	307
185	AWG 8 …500 kcmil	AWG 8…500 kcmil	185
8 / 3			
/ V-0			

KEMA 98ATEX1684 U

EN 50124

10…240
10…185
25…240
25…185
14…31

Auxillary connection available up to 4mm²/32A (see section accesories).

Type	Qty.	Order No.
WFF 185	4	1028600000
WFF 185 BL	4	**1028680000**
WFF 185/AH	4	**1029600000**

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	12.2	50	1059000000
WD 1 25 K KARTE A 6 ST		5	**1563900000**

WS 12/6,5

At the unused contact points, the cover plate WAP is used together with the hood WAH.

WFF 300 — 300 mm²

55 x 163 x 86
520 / 300
25... 300

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
1000	1000	600	1100
520	500	510	452
300	AWG 6 …600 kcmil	AWG 6…600 kcmil	300
8 / 3			
/ V-0			

KEMA 98ATEX1684 U

EN 50124

25…240
25…240
50…300
50…240
25…60

Auxillary connection available up to 4mm²/32A (see section accesories).

Type	Qty.	Order No.
WFF 300	4	1028700000
WFF 300 BL	4	**1028780000**
WFF 300/AH	4	**1029700000**

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	12.2	50	1059000000
WD 1 25 K KARTE A 6 ST		5	**1563900000**

WS 12/6,5

At the unused contact points, the cover plate WAP is used together with the hood WAH.

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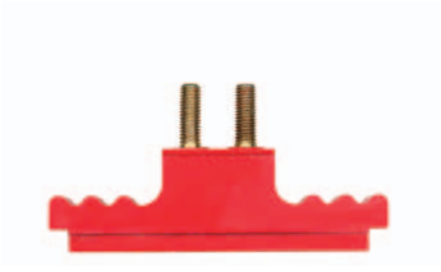
Delivery times see page X.2

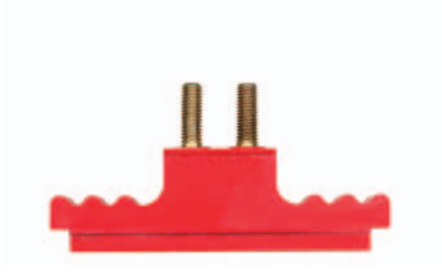
2-stud terminals

ST4000 (up to 4kV)

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.

		ST 4000/S M8 — 120 mm²	ST 4000/S M10 — 120 mm²
Width/Length/Height with TS35x7.5	mm	**40** x 150 x 84	**40** x 150 x 84
Max. current / max. cond. cross-section	A/mm²	**269 / 120**	**269 / 120**
Max. clamping range	mm²	**1.5 ... 120**	**4 ... 120**





Technical data

Rated data w. partition, Wemid		IEC	UL	CSA	EN 50019	IEC	UL	CSA	EN 50019
Rated voltage	V	4000				4000			
Rated current	A	269				269			
Rated cross-section	mm²	120				120			
Rated impulse voltage / Pollution severity	kV/-			30 / 3				30 / 3	
Plug gauge IEC 60-947-1 / flammability class acc. UL94				/ V-0				/ V-0	
Approvals									
Rated data w. partition, Epoxy resin		**EN 50124**				**EN 50124**			
Rated voltage / Rated impulse voltage	V/kV								
Cable lugs, clamp.									
DIN 46234 / 1 cable lug per side	mm²	1.5 - 120				4 - 120			
DIN 46234 / 2 cable lugs per side	mm²								
DIN 46235 / 1 cable lug per side	mm²	16…70							
DIN 46235 / 2 cable lugs per side	mm²								
Tightening torque range	Nm	6.0…12				10…20			
Information		Rated Voltage preconditioning cable lug according DIN 46234				Rated Voltage preconditioning cable lug according DIN 46234			

Ordering data

Version		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	red	ST 4000/S M8	25	**1809110000**	ST 4000/S M10	25	**1809130000**
	with internal thread	ST 4000/S M8 F	25	**1809120000**	ST 4000/S M10 F	25	**1809140000**
Information		Based on the customer specification Weidmüller will provide drawings of the terminal board			Based on the customer specification Weidmüller will provide drawings of the terminal block		

Accessories

Cross-connection		**Type**	**Current [A]**	**Qty.**	**Order No.**	**Type**	**Current [A]**	**Qty.**	**Order No.**
	2-pole	ST 4000/S J2 M8	269	100	**1809310000**	ST 4000/S J2 M10	269	100	**1809340000**
	3-pole	ST 4000/S J3 M8	269	50	**1809320000**	ST 4000/S J3 M10	269	50	**1809350000**
WQL	4-pole	ST 4000/S J4 M8	269	25	**1809330000**	ST 4000/S J4 M10	269	25	**1809360000**
Busbar			**Type**				**Type**		
Conn. betw. studs of a terminal	M8 / Thickness 4mm	ST 4000/S CB M8/4		100	**1809250000**				
	M10 / thickness 4mm					ST 4000/S CB M10/4		100	**1809260000**
	M10 / Thickness 6mm					ST 4000/S CB M10/6		100	**1809270000**
	M12 / Thickness 4mm								
	M12 / Thickness 6mm								
Connecting piece									
to place 2 terminals next to each other without partition	Length 130mm	ST 4000/S C130		50	**1809230000**	ST 4000/S C130		50	**1809230000**
	Length 160mm								
Partition			**Width [mm]**				**Width [mm]**		
	Length 150mm	ST 4000/S P150	10	50	**1809190000**	ST 4000/S P150	10	50	**1809190000**
	Length 180mm								
End plate			**Width [mm]**				**Width [mm]**		
to finish the terminal block	Length 150mm	ST 4000/S E150	10	50	**1809210000**	ST 4000/S E150	10	50	**1809210000**
	Length 180mm								
Shock protection									
	Length 150mm	ST 4000/S S150		20	**1809470000**	ST 4000/S S150		20	**1809470000**
	Length 180mm								
with internal thread	Fixing nut	ST 4000 K M8		50	**1809510000**	ST 4000 K M10		50	**1809520000**
Marking systems (see large assortment in chapter M)									
	Tags	ST 4000/S M M8				ST 4000/S M M10			

For detailed information on additional accessories and usage instructions see chapter accessories.

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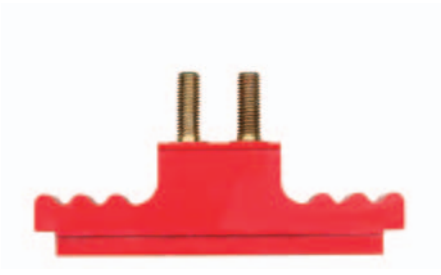
Delivery times see page X.2

2-stud terminals

ST 4000/L M10 — 150 mm²



55 x 180 x 90
309 / 150
10 ... 150

IEC	UL	CSA	EN 50019
4000			
309			
150			
29.5 / 3			
/ V-0			

EN 50124

10 - 150

25 - 150

10…20

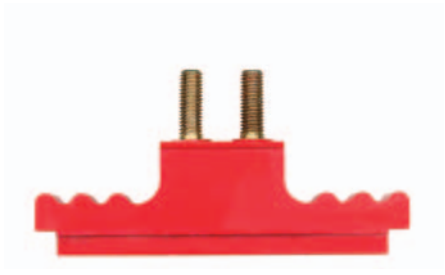
Rated Voltage preconditioning cable lug according DIN 46234

Type	Qty.	Order No.
ST 4000/L M10	15	**1809150000**
ST 4000/L M10 F	15	**1809160000**

Based on the customer specification Weidmüller will provide drawings of the terminal board

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 K M10		50	**1809520000**
ST 4000/L M M10			

ST 4000/L M12 — 240 mm²



55 x 180 x 90
415 / 240
10 ... 240

IEC	UL	CSA	EN 50019
4000			
415			
240			
29.5 / 3			
/ V-0			

EN 50124

10…240

25…240

14…31

Rated Voltage preconditioning cable lug according DIN 46234

Type	Qty.	Order No.
ST 4000/L M12	15	**1809170000**
ST 4000/L M12 F	15	**1809180000**

Based on the customer specification Weidmüller will provide drawings of the terminal board

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**
ST 4000 K M12		50	**1809530000**
ST 4000/L M M12			

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