

Time saving

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

Space saving

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

Safety

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

Overview

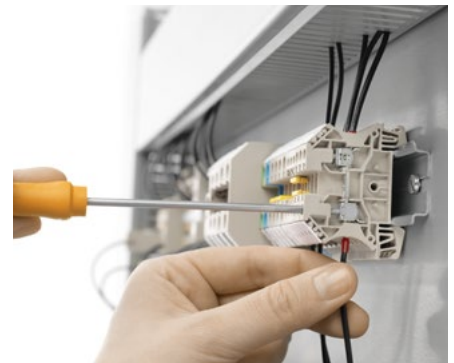
You can rely on it: thanks to the range of models and real flexibility, our terminal blocks with clamping yoke technology can be used in a wide range of different applications.

Universal application:

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

Varied product assortment with wide clamping range:

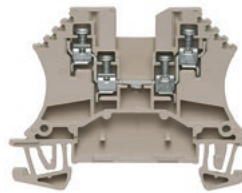
Our terminal blocks with clamping yoke technology are available in both standard and compact designs. The compact design covers wire cross-sections from 0.05 mm² to 150 mm² and helps save space in the panel. The standard version covers conductor cross sections of up to 240 mm². The identical contours of the terminal blocks make configuration easier and reduces the quantity of accessories required.



WDU 1.5/ZZ

1.5 mm²

Twin connection



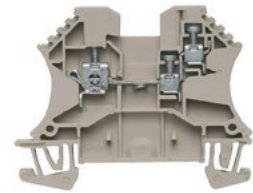
Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 60 x 46.5
23 / 2.5
0.13...2.5

WDU 2.5/1.5/ZR

2.5 mm²

Supplementary connection, right



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

Technical data

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

IEC 60947-7-1	Ex e II	Ex	II 2 G D
IEC	UL	CSA	EN 60079-7
800	300	300	440
17.5	25	10	17.5
1.5	AWG 26...12	AWG 26...12	2.5 mm ²
8 kV / 3			
A1 / V-0			
CE CB IEC KECC NEMA DEMKO14ATEX1338U			
Rated connection	Further connection		
0.5...2.5 / 0.5...2.5			
0.5...1.5 / 0.5...1.5			
0.4...0.6 Nm / (M 2.5)			
7 / 0.6 x 3.5 mm			
0.5...1			
0.5...1 / 0.5...0.75			
Note	Note the max. current of the terminal (23 A) when using the WDV cross-connector!		

IEC 60947-7-1	Ex e II	Ex	II 2 G D
IEC	UL	CSA	EN 60079-7
800	300	300	690
24	20	20	24
2.5	AWG 30...12	AWG 26...14	2.5 mm ²
8 kV / 3			
A3, A1 / V-0			
CE CB IEC KECC NEMA DEMKO14ATEX1338U			
Rated connection	Further connection		
0.5...4 / 1.5...4	0.5...2.5 / 0.5...2.5		
0.5...4 / 0.5...2.5	0.5...1.5 / 0.5...1.5		
0.4...0.6 Nm / (M 2.5)			
10 / 0.6 x 3.5 mm	7 / SD 0.6 x 3.5		
0.5...1			
0.5...1.5 / 0.5...1.5			
Note	2.5 mm ² conductor with ferrule with plastic collar, with the collar optimised for diameter only (order No. 1333100000, QTY 500).		

Ordering data

Version	
	dark beige
	blue
Note	

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

Type	Qty.	Order No.
WDU 2.5/1.5/ZR	100	1024700000
WDU 2.5/1.5/ZR BL	100	1024780000
Note	The rated voltage is 400 V when using the ZDV cross-connector, additional connection (right 1.5 mm ²)	

Accessories

Pluggable cross-connection	
	2-pole
	10-pole
Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
	dark beige
	Blue
End bracket	
	dark beige
Testing / Checking	
	Standard
	With spigot
Cover	
	With lightning flash symbol
	Blank, white
Identification systems	

Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/10	32 A	20	1054460000
WAP 2.5-10		50	1050000000
WAP 2.5-10 BL		50	1050080000
WAP 16+35 WTW 2.5-10		20	1050100000
WAP 16+35 WTW 2.5-10 BL		20	1050180000
WEW 35/2		100	1061200000
WTA 2 WDU2.5-10		25	1632320000
WTA 2/ZA WDU2.5-10		25	1632330000
WAD 4 GE BED		50	1072000000
WAD 4 WS		50	1072100000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/10	32 A	20	1054460000
WAP 2.5-10		50	1050000000
WAP 2.5-10 BL		50	1050080000
WAP 16+35 WTW 2.5-10		20	1050100000
WAP 16+35 WTW 2.5-10 BL		20	1050180000
WEW 35/2		100	1061200000
WTA 2 WDU2.5-10		25	1632320000
WTA 2/ZA WDU2.5-10		25	1632330000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

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

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

Note: Use a 2.5 / 1 mm² conductor with the WQB. Cross-connections, see section "W series accessories".