

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

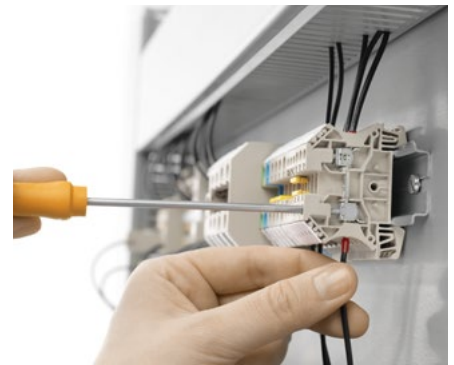
You can rely on it: thanks to the range of models and real flexibility, our terminal blocks with clamping yoke technology can be used in a wide range of different applications.

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.



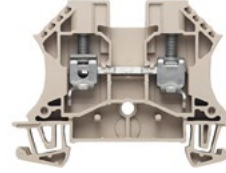
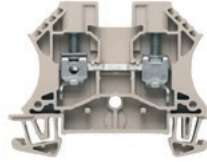
**Screw connection with clamping yoke technology (W-Series)
Feed-through terminal blocks**

WDU 6

6 mm²

WDU 6 HV

6 mm²



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

7.9 x 60 x 46.5
57 / 10
0.22...10

7.9 x 60 x 46.5
57 / 10
0.22...10

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	IEC	UL	CSA	EN 60079-7
800	600	600	690	1000			
41	50	50	41	41			
6	AWG 22...8	AWG 22...8	6 mm ²	6			
8 kV / 3				8 kV / 3			
A5 / V-0				A5 / V-0			
CE CCC RoHS KEM RoHS UL				DEMKO14ATEX1338U			
Rated connection		Further connection		Rated connection		Further connection	
0.5...10 / 1.5...10				0.5...10 / 1.5...10			
0.5...10 / 0.5...6				0.5...10 / 0.5...6			
0.8...1.6 Nm / (M 3.5)				0.8...1.6 Nm / (M 3.5)			
12 / 0.8 x 4.0 mm				12 / 0.8 x 4.0 mm			
0.5...2.5				0.5...2.5			
0.5...2.5 / 0.5...2.5				0.5...2.5 / 0.5...2.5			
Note max. current of terminal (57 A) when using WQV! Wire connection H07V...10 and AWG 8 with tightening torque of 1.4-1.6 Nm.							

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000			
41			
6			
8 kV / 3			
A5 / V-0			
Rated connection		Further connection	
0.5...10 / 1.5...10			
0.5...10 / 0.5...6			
0.8...1.6 Nm / (M 3.5)			
12 / 0.8 x 4.0 mm			
0.5...2.5			
0.5...2.5 / 0.5...2.5			

Ordering data

Version	
	dark beige
	dark beige
	blue
Note	

Type	Qty.	Order No.
WDU 6	100	1020200000
WDU 6 BL	100	1020280000
1000 VDC rated voltage tested. For colour versions, see section on W-series Accessories - specific functions.		

Type	Qty.	Order No.
WDU 6 HV	100	1412970000
WDU 6 IR	100	1393350000

Accessories

Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
	dark beige
	Blue
End bracket	
	dark beige
Testing / Checking	
	Standard
Cover	
	Blank, yellow
	Blank, white
Identification systems	
Pluggable cross-connection	
	2-pole
	10-pole
Hak. Cable lugs	
For detailed information on other accessories and application in the online catalogue	

Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/10	57 A	20	1052260000
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 3 WDU4		25	1632350000
WAD 8 MC NE GE		48	1112950000
WAD 8 MC NE WS		48	1112940000
DEK 5/8 MC NE WS		800	1856740000
WS 12/6.5 MC NE WS		540	1609920000
WS 8/8 MM WS		500	2007170000
DEK 5/8 MM WS		500	2007130000

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

Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/10	57 A	20	1052260000
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 3 WDU4		25	1632350000
WAD 8 MC NE GE		48	1112950000
WAD 8 MC NE WS		48	1112940000
DEK 5/8 MC NE WS		800	1856740000
WS 12/8 PLUS MC NE WS		420	1906000000
WS 8/8 MM WS		500	2007170000
DEK 5/8 MM WS		500	2007130000