

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

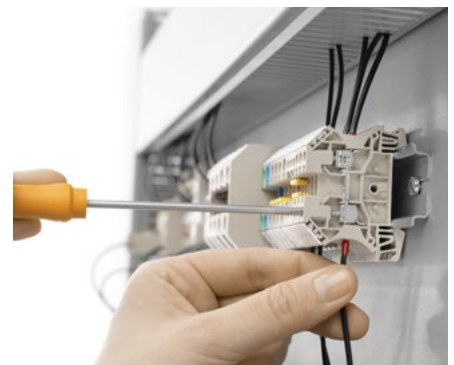
You can rely on it: thanks to the range of models and real flexibility, our terminal blocks with clamping yoke technology can be used in a wide range of different applications.

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.



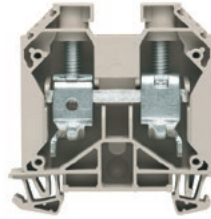
Screw connection with clamping yoke technology (W-Series)

Feed-through terminal blocks

WDU 35

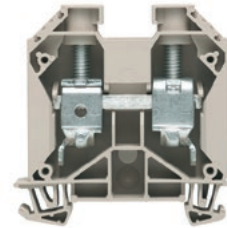
35 mm²

Clamping screw / spigot for good connection stability



WDU 35 IR

35 mm²



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

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

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

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 60947-1	Ex e II	Ex	II 2 G D
IEC	UL	CSA	EN 60079-7
1000	1000	600	690
125	150	150	115
35	AWG 12...0	AWG 12...2	35 mm ²
8 kV / 3			
B8 / V-0			
CE CB IEC KEMA GOST TUV SUD DEMKO14ATEX1338U			
Rated connection		Further connection	
2.5...16 / 2.5...50			
2.5...35 / 2.5...35			
4...5 Nm / (M 6)			
18 / 6.5 x 1.2 mm			
2.5...10 / 16...16			
2.5...16 / 2.5...16			

IEC 60947-1	Ex e II	Ex	II 2 G D
IEC	UL	CSA	EN 60079-7
1000			690
125			115
35			35 mm ²
8 kV / 3			
B8 / V-0			
DEMKO14ATEX1338U			
Rated connection		Further connection	
2.5...16 / 2.5...50			
2.5...35 / 2.5...35			
4...5 Nm / (M 6)			
18 / TX 20			

Ordering data

Version	
	dark beige
	dark beige
	blue
Note	

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

Type	Qty.	Order No.
WDU 35 IR	40	1393400000

Accessories

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

Type	current	Qty.	Order No.
WQV 35/2	135 A	50	1053060000
WQV 35/10	112 A	10	1053160000
WAP 16+35 WTW 2.5-10		20	1050100000
WAP 16+35 WTW 2.5-10 BL		20	1050180000
WEW 35/1		50	1059000000
WAD 12 M.BL.		50	1055960000
WAD 12 NEUTRAL		50	1056260000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/6.5 MC NE WS		540	1609920000

Type	current	Qty.	Order No.
WQV 35/2	135 A	50	1053060000
WQV 35/10	112 A	10	1053160000
WAP 16+35 WTW 2.5-10		20	1050100000
WAP 16+35 WTW 2.5-10 BL		20	1050180000
WEW 35/1		50	1059000000
WAD 12 M.BL.		50	1055960000
WAD 12 NEUTRAL		50	1056260000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000

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

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