

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 240

240 mm²



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

36 x 100 x 123.7
415 / 240
70...240

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	-
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	-
Flexible / Flexible with ferrule	mm ²
Note	

IEC 60947-7-1	Ex e II		II 2 G D
IEC	UL	CSA	EN 60079-7
1000	600	600	1100
415	380	400	350
240		AWG 0...500	240 mm ²
8 kV / 3			
B15 / V-0			
			KEMA01ATEX2186U
Rated connection		Further connection	
/ 70...240			
70...240 / 70...185			
25...30 Nm (M 10)			
40 / S8 (DIN 6911)			
/ 35...95			
50...95 / 35...50			
Copper straps can be used; see online catalogue for possible connections.			

Ordering data

Version	
	dark beige
	blue
Note	

Type	Qty.	Order No.
WDU 240	2	1802780000
WDU 240 BL	2	1822210000
1000 VDC rated voltage tested.		

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
End bracket	
	dark beige
Cover	
	With lightning flash symbol
	Blank, white
Additional connection	
	10 mm ²
Identification systems	
Screwdriver	
	Standard

Type	current	Qty.	Order No.
WQB 240/2	320 A	5	1802790000
WQB 240/3	320 A	5	1802800000
WEW 35/1		50	1059000000
WZAD 240		5	1802810000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/6.5 MC NE WS		540	1609920000
SKS 2,0-8,0 MR		1	9008870000

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