

**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**

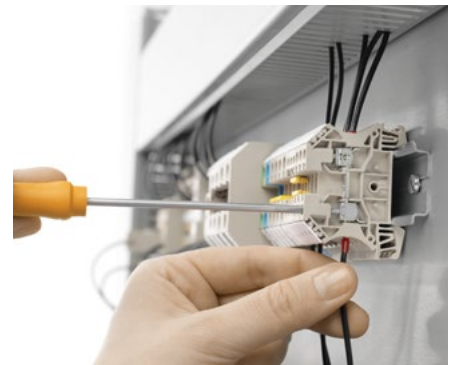
You can rely on it: thanks to the range of models and real flexibility, our terminal blocks with clamping yoke technology can be used in a wide range of different applications.

**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 mm<sup>2</sup> to 150 mm<sup>2</sup> and helps save space in the panel. The standard version covers conductor cross sections of up to 240 mm<sup>2</sup>. 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

Universal range

A

### WDU 50N

50 mm<sup>2</sup>

Compact design



### WDU 50N IR

50 mm<sup>2</sup>

Six-lobe socket



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

18.5 x 70 x 69.6
<b>192 / 70</b>
<b>10...70</b>

18.5 x 70 x 69.6
<b>192 / 70</b>
<b>10...70</b>

### Technical data

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

IEC 60947-7-1	Ex e II	Ex	II 2 G D
<b>IEC</b>	<b>UL</b>	<b>CSA</b>	<b>EN 60079-7</b>
1000	600	600	690
150	150	150	126
50	AWG 10...0	AWG 8...0	50 mm <sup>2</sup>
8 kV / 3			
B10 / V-0			
CE UK ENEC RAL			
DEMKO14ATEX1338U			
<b>Rated connection</b>	<b>Further connection</b>		
6...16 / 6...70			
10...50 / 6...50			
3.5...6 Nm / (M 6)			
24 / S4 (DIN 6911)			
...			
...16 / 6...16			
6...16 / 6...16			
1000 V DC rated voltage tested.			

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<b>IEC</b>	<b>UL</b>	<b>CSA</b>	<b>EN 60079-7</b>
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<b>Rated connection</b>	<b>Further connection</b>		
10...16 / 10...70			
10...50 / 10...50			
3...6 Nm / (M 6)			
24 / TX 20			
...			
...16 / 6...16			
6...16 / 6...16			
1000 V DC rated voltage tested.			

### Ordering data

<b>Version</b>	
	dark beige
	blue
<b>Note</b>	

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WDU 50N	10	1820840000
WDU 50N BL	10	1820850000
1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-EN partitions.		

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WDU 50N IR	10	1186630000
1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-EN partitions.		

### Accessories

<b>Screwable cross-connection</b>	
	2-pole
	3-pole
	4-pole
<b>End bracket</b>	
	dark beige
<b>Cover</b>	
	With lightning flash symbol
<b>Additional connection</b>	
	10 mm <sup>2</sup>
<b>Identification systems</b>	
<b>Screwdriver</b>	
	Standard

<b>Type</b>	<b>current</b>	<b>Qty.</b>	<b>Order No.</b>
WQV 50N/2	150 A	5	1834060000
WQV 50N/3	150 A	5	1834070000
WQV 50N/4	150 A	5	1834080000
WEW 35/1		50	1059000000
WAD 20 GE WSD		10	9512260000
WZAD 50N		5	1872720000
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

<b>Type</b>	<b>current</b>	<b>Qty.</b>	<b>Order No.</b>
WQV 50N/2	150 A	5	1834060000
WQV 50N/3	150 A	5	1834070000
WQV 50N/4	150 A	5	1834080000
WEW 35/1		50	1059000000
WAD 20 GE WSD		10	9512260000
WZAD 50N		5	1872720000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/6.5 MC NE WS		540	1609920000
TH-S 9-40		1	9008880000

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

Auxiliary connection for additional conductor "WZAD 50N" 1872720000 (up to 10 mm<sup>2</sup>, 41 A). Cross-connections, see section "W series accessories".

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