

Screw connection with clamping yoke technology (W-Series)

Feed-through terminal blocks

Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!

The compact terminals are impressive for their small size and rated cross-section capacity.

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

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	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm ²
Note	

Ordering data

Version	
	without peg / dark beige
	with peg / blue
	with peg / dark beige
Note	

Accessories

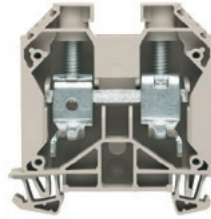
Screwable cross-connection	
	2-pole
	10-pole
	4-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige
Cover	
	black/yellow
	white
	With lightning flash symbol
Marking tags	

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

WDU 35

35 mm²

Clamping screw / spigot for good connection stability



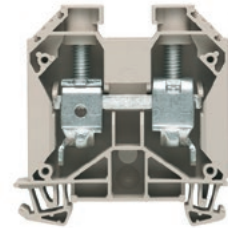
16 x 60 x 62.5	
150 / 50	
2.5...50	

IEC 60947-7-1			Ex eb II	C Gb		II 2 G D
IEC	UL	CSA	EN 60079-7			
1000	1000	600	690			
125	150	150	115			
35	AWG 12...0	AWG 12...NaN	35 mm²			
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 / (M 6)						
18 / 6.5 x 1.2 mm						
/ 16...16						
2.5...16 / 2.5...16						

Type	Qty.	Order No.
WDU 35	40	1020500000
WDU 35 BL	40	1020580000
WDU 35/ZA	40	1028800000

Type	Qty.	Order No.
WQV 35/2	138 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 MC B GE/SW	32	2445090000
WAD 12 MC NE WS	32	2445070000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

WDU 35 IR

35 mm²

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

IEC 60947-7-1		Ex eb II C Gb		II 2 G D
IEC	UL	CSA	EN 60079-7	
1000	1000		690	
125	150		115	
35	AWG 12...0		35 mm²	
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 / (M 6)				
18 / TX 20				

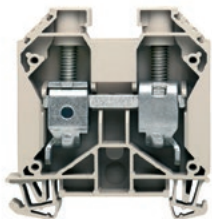
Type	Qty.	Order No.
WDU 35 IR	40	1393400000

Type	Qty.	Order No.
WQV 35/2	138 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 MC B GE/SW	32	2445090000
WAD 12 MC NE WS	32	2445070000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

WDU 35 IK

35 mm²

Hexagonal socket / spigot for good connection stability



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



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
125	150	150	115
35	AWG 12...NaN	AWG 12...NaN	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...6 / (M 6)	
18 / S4 (DIN 6911)	
/ 16...16	
2.5...16 / 2.5...16	

Type	Qty.	Order No.
WDU 35/IK	25	1020600000
WDU 35/IK BL	25	1020680000
WDU 35/IK/ZA	25	1029000000

Type	Qty.	Order No.
WQV 35/2	138 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 MC B GE/SW	32	2445090000
WAD 12 MC NE WS	32	2445070000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

WDU 35N

35 mm²

Suitable for power distribution
Compact design



16 x 66 x 50.5
150 / 50
2.5...50



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
500	1000		352
125	150		110
35	AWG 12...0	AWG 12...2	35 mm ²

6 kV / 3

B8 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...5 / (M 6)	
18 / 6.5 x 1.2 mm	
2.5...6 / 2.5...6	

Type	Qty.	Order No.
WDU 35N	20	1040400000
WDU 35N BL	20	1040480000

Type	Qty.	Order No.
WQV 35N/2	125 A 20	1079200000
WQV 35N/4	125 A 20	1079400000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 16N GE BED	50	1083600000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000



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

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

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	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm ²
Note	

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
End bracket	
	dark beige, screwable
Cover	
	With lightning flash symbol
Additional connection	
	10 mm ²
Marking tags	
Screwdriver	
	Standard

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

WDU 50N

50 mm²

Compact design



18.5 x 70 x 69.6
192 / 70
10...70

IEC 60947-7-1		Ex eb II C Gb			II 2 G D
IEC	UL	CSA	EN 60079-7		
1000	600	600	690		
150	150	150	126		
50	AWG 10...0	AWG 8...0	50 mm²		
8 kV / 3					
B10 / V-0					
   			DEMKO14ATEX1338U		
Rated connection		Further connection			
10...16 / 10...70					
10...50					
3.5...6 / (M 6)					
24 / S4 (DIN 6911)					
/ 6...16					
6...16 / 6...16					

Type	Qty.	Order No.
WDU 50N	10	1820840000
WDU 50N BL	10	1820850000
Note		

Type	Qty.	Order No.
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	41 A 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

WDU 50N IR

50 mm²

Six-lobe socket



18.5 x 70 x 69.6
192 / 70
10...70

IEC 60947-7-1			Ex eb II C Gb	 II 2 G D
IEC	UL	CSA	EN 60079-7	
1000			690	
150			126	
50			50 mm²	
8 kV / 3				
B10 / V-0				
CCC ENEC			DEMKO14ATEX1338U	
Rated connection		Further connection		
10...16 / 10...70				
10...50				
3...6 / (M 6)				
24 / TX 20				
/ 6...16				
6...16 / 6...16				

Type	Qty.	Order No.
WDU 50N IR	10	1186630000
Note		

Type	Qty.	Order No.
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	41 A 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

120 mm²

Compact design



A horizontal number line with a central point labeled 'y'. There are two open circles at the ends of the line, one to the left and one to the right of the central point.

IEC 60947-7-1 Ex eb II C Gb  II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	1000	880
269	228	220	221
120	AWG 4...250	AWG 4...0	120 mm ²

8 kV / 3

B13 / V-0

CCC CE SP ENE UL DEMKO14ATEX1338U

Rated connection	Further connection
16...16 / 16...150	
16...120	
12...20 / (M 10)	
27 / S6 (DIN 6911)	

16...35 / 10...35

Type	Qty.	Order No.
WDU 95N/120N	5	1820550000
WDU 95N/120N BL	5	1820560000

Type		Qty.	Order No.
WQV 95N/120N/2	269 A	5	1826890000
WQV 95N/120N/3	269 A	5	1826900000
WQV 95N/120N/4	269 A	5	1826910000
WEW 35/1		50	1059000000
WAD 20 GE WSD		10	9512260000
WZAD 95N/120N	41 A	5	1859580000
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

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	Nm
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 mm²	
8 kV / 3				
B15 / V-0				
CE  ENE		KEMA01ATEX2186U		
Rated connection		Further connection		
/ 70...240				
70...240 / 70...185				
25...30 / (M 10)				
40 / S8 (DIN 6911)				
/ 35...95				
50...95 / 35...50				

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
WDU 240	2	1802780000
WDU 240 BL	2	1822210000
Note		

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
End bracket	
	dark beige, screwable
Cover	
	With lightning flash symbol
Additional connection	
	10 mm ²
Marking tags	
Screwdriver	
	Standard

Type	Qty.	Order No.
WQB 240/2	320 A 5	1802790000
WQB 240/3	320 A 5	1802800000
Note		
WEW 35/1	50	1059000000
Note		
WZAD 240	57 A 5	1802810000
Note		
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
Note		
SKS 2,0-8,0 MR	1	9008870000

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