

# Screw connection with clamping yoke technology (W-Series)

## Feed-through terminal blocks

Universal range

A

### WDU 1.5/R 3.5

1.5 mm<sup>2</sup>

Feed-through terminal for TS 15



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

3.5 x 24.5 x 24	
<b>17.5 / 1.5</b>	
<b>0.13...1.5</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	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
<b>Note</b>	

IEC 60947-1	Ex eb II C Gb		II 2 G D
<b>IEC</b>	<b>UL</b>	<b>CSA</b>	<b>EN 60079-7</b>
400	300	300	275
17.5	15	10	15
1.5	AWG 26...14	AWG 26...14	1.5 mm <sup>2</sup>
4 kV / 3			
A1 / V-0			
DEMKO14ATEX1338U			
<b>Rated connection</b>	<b>Further connection</b>		
0.5...1.5 / 1.5...1.5	2.5		
0.5...1.5 / 0.5...0.5	/ (M 2)		
7 / 0.4 x 2.5 mm			
0.5...0.75			
0.5...0.75 / 0.5...0.5			
PZ 6/5 recommended as crimping tool for 1.5 mm <sup>2</sup> with wire-end ferrule			

#### Ordering data

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

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WDU 1.5/R3.5	100	1753280000
WDU 1.5/R3.5 BL	100	1754170000

#### Accessories

<b>Screwable cross-connection</b>	
2-pole	
10-pole	
<b>End plate / Partition plate</b>	
dark beige	
Blue	
<b>End bracket</b>	
dark beige	
<b>Testing / Checking</b>	
Test plug	
Socket	
<b>Marking tags</b>	
<b>Plug-in cross-connection</b>	
2-pole	
10-pole	

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WAP WDU1.5/R3.5	20	1754190000
EW 15	50	0382860000
DEK 5/3.5 MC NE WS	500	1755270000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
ZQV 1.5N/R3.5/2 GE	17.5 A 50	1754210000
ZQV 1.5N/R3.5/10 GE	17.5 A 20	1754290000

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

Cross-connections, see section "W series accessories".

### AKZ 1.5

1.5 mm<sup>2</sup>

Feed-through terminal for TS 15



5.1 x 24.8 x 24	
<b>24 / 2.5</b>	
<b>0.21...2.5</b>	

IEC 60947-1	Ex eb II C Gb		II 2 G D
<b>IEC</b>	<b>UL</b>	<b>CSA</b>	<b>EN 60079-7</b>
250	150	300	220
17.5	15	10	17.5
1.5	AWG 22...14	AWG 24...16	2.5 mm <sup>2</sup>
4 kV / 3			
A1 / V-2			
TUEV18ATEX8221U			
<b>Rated connection</b>	<b>Further connection</b>		
0.5...2.5 / 1.5...1.5	2.5		
0.5...1.5 / 0.5...1.5	/ (M 2.5)		
7 / 3.0 x 0.5 mm			
0.5...1			

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
AKZ 1.5	100	0340460000
AKZ 1.5 BL	100	0340480000

AKZ 1.5 order No. 0340460000 and 0340480000 made of PA with flammability rating acc. to UL 94/V-2

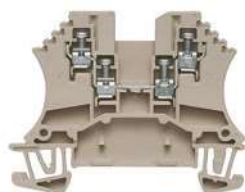
<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
Q 2 AKZ1.5	24 A 50	0368200000
Q 10 AKZ1.5	24 A 20	0368500000
AP AKZ1.5	50	0340560000
AP AKZ1.5 BL	50	0340580000
EW 15	50	0382860000
PS 2.3 RT	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000
DEK 5/5 MC NE WS	1000	1609801044

Cross-connections, see section "W series accessories".

**WDU 1.5/ZZ**

**1.5 mm<sup>2</sup>**

Twin connection



5.1 x 60 x 46.5  
**23 / 25**  
**0.13...2.5**



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

IEC	UL	CSA	EN 60079-7
800	300	300	550
17.5	25	10	17.5
1.5	AWG 26...12	AWG 26...12	2.5 mm <sup>2</sup>

8 kV / 3  
A1 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
0.5...2.5 / 0.5...2.5	
0.5...1.5 / 0.5...1.5	
/ (M 2.5)	
7 / 0.6 x 3.5 mm	

0.5...1
0.5...1 / 0.5...0.75

Note the max. current of the terminal (23 A) when using the WQV cross-connector!

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

**Technical data**

Rated data	
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	
Clamped conductors (H05V/H07V)	
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/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Note	

**Ordering data**

Version	
	dark beige
	Blue
Note	

**Accessories**

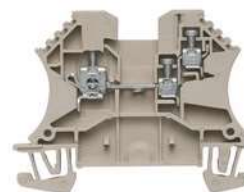
Plug-in cross-connection	
	2-pole
	10-pole
Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
	dark beige
	Blue
End bracket	
	dark beige
Testing / Checking	
	Standard
	With spigot
Cover	
	With lightning flash symbol
	Blank, white
Marking tags	

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

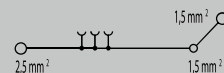
**WDU 2.5/1.5/ZR**

**2.5 mm<sup>2</sup>**

Supplementary connection, right



5.1 x 60 x 46.5  
**32 / 4**  
**0.05...4**



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

IEC	UL	CSA	EN 60079-7
800	300	300	690
24	20	20	24
2.5	AWG 30...12	AWG 26...14	2.5 mm <sup>2</sup>

8 kV / 3  
A3, A1 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
0.5...4 / 1.5...4	0.5...2.5 / 0.5...2.5
0.5...4 / 0.5...2.5	0.5...1.5 / 0.5...1.5
/ (M 2.5)	
10 / 0.6 x 3.5 mm	7 / SD 0.6 x 3.5

0.5...1
0.5...1.5 / 0.5...1.5

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	Qty.	Order No.
WDU 1.5/ZZ	100	1031400000
WDU 1.5/ZZ BL	100	1031480000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
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	50	1061200000
WTA 2 WDU2.5-10	6 A 25	1632320000
WTA 2/ZA WDU2.5-10	6 A 25	1632330000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

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

Type	Qty.	Order No.
WDU 2.5/1.5/ZR	100	1024700000
WDU 2.5/1.5/ZR BL	100	1024780000

The rated voltage is 400 V when using the ZQV cross-connector, additional connection (right 1.5 mm<sup>2</sup>)

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
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	50	1061200000
WTA 2 WDU2.5-10	6 A 25	1632320000
WTA 2/ZA WDU2.5-10	6 A 25	1632330000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Note: Use a 2.5 / 1 mm<sup>2</sup> conductor with the WQB. Cross-connections, see section "W series accessories".



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

Universal range

A

**AKZ 2.5**

**2.5 mm<sup>2</sup>**

Feed-through terminal for TS 15



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

5.1 x 25.5 x 26.3	
<b>32 / 4</b>	
<b>0.13...4</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	mm <sup>2</sup>
Flexible / Flexible with ferrule	-
<b>Note</b>	

IEC 60947-7-1	Ex eb II C Gb		II 2 G D
<b>IEC</b>	<b>UL</b>	<b>CSA</b>	<b>EN 60079-7</b>
250	300	300	220
24	10	10	24
2.5	AWG 26...12	AWG 26...10	4 mm <sup>2</sup>
4 kV / 3			
A3 / V-2			
TUEV18ATEX8221U			
<b>Rated connection</b>	<b>Further connection</b>		
0.5...4 / 1.5...2.5			
0.5...2.5 / 0.5...2.5			
/ (M 2.5)			
7 / 0.5 x 3.0 mm			
0.5...1.5			

**Ordering data**

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

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
AKZ 2.5	100	<b>0697160000</b>
AKZ 2.5 BL	100	<b>0697180000</b>
AKZ 2.5 order No. 0697160000 and 0697180000 made of PA with flammability rating acc. to UL 94/V-2		

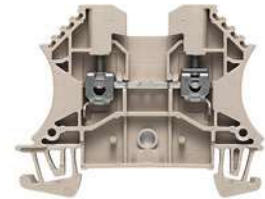
**Accessories**

<b>Plug-in cross-connection</b>		
2-pole		
10-pole		
<b>Screwable cross-connection</b>		
2-pole		
10-pole		
<b>End plate / Partition plate</b>		
dark beige		
Blue		
dark beige		
Blue		
<b>End bracket</b>		
dark beige		
<b>Testing / Checking</b>		
Standard		
With spigot		
Test plug		
Socket		
<b>Cover</b>		
Blank, yellow		
Blank, white		
With lightning flash symbol		
<b>Marking tags</b>		
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
<b>For detailed information on other accessories and application in the online catalogue</b>		

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
Q 2 AKZ1.5	24 A 50	<b>0368200000</b>
Q 10 AKZ1.5	24 A 20	<b>0368500000</b>
AP AKZ2.5	50	<b>0697360000</b>
AP AKZ2.5 BL	50	<b>0697380000</b>
TW AKZ2.5	20	<b>0318560000</b>
EW 15	50	<b>0382860000</b>
PS 2.3 RT	20	<b>0180400000</b>
STB 8.5/D4/2.3/M2.5 AKZ	50	<b>0215700000</b>
Cross-connections, see section "W series accessories".		

**WDU 2.5**

**2.5 mm<sup>2</sup>**



5.1 x 60 x 46.5	
<b>32 / 4</b>	
<b>0.05...4</b>	

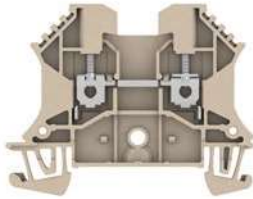
IEC 60947-7-1	Ex eb II C Gb		II 2 G D
<b>IEC</b>	<b>UL</b>	<b>CSA</b>	<b>EN 60079-7</b>
800	600	600	690
24	25	20	24
2.5	AWG 30...12	AWG 26...12	2.5 mm <sup>2</sup>
8 kV / 3			
A3 / V-0			
DEMKO14ATEX1338U			
<b>Rated connection</b>	<b>Further connection</b>		
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
/ (M 2.5)			
10 / 0.6 x 3.5 mm			
0.5...1.5			
0.5...1.5 / 0.5...1.5			
2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).			

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WDU 2.5	100	<b>1020000000</b>
WDU 2.5 BL	100	<b>1020080000</b>
Rated voltage is 400 V when using the cross-connector. For colour versions, see section on W-series Accessories		

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
ZQV 2.5N/2	24 A 60	<b>1527540000</b>
ZQV 2.5N/10	24 A 20	<b>1527690000</b>
WQV 2.5/2	32 A 50	<b>1053660000</b>
WQV 2.5/10	32 A 20	<b>1054460000</b>
WAP 2.5-10	50	<b>1050000000</b>
WAP 2.5-10 BL	50	<b>1050080000</b>
WAP 16+35 WTW 2.5-10	20	<b>1050100000</b>
WAP 16+35 WTW 2.5-10 BL	20	<b>1050180000</b>
WEW 35/2	50	<b>1061200000</b>
WTA 2 WDU2.5-10	6 A 25	<b>1632320000</b>
WTA 2/ZA WDU2.5-10	6 A 25	<b>1632330000</b>
WAD 5 MC NE GE	48	<b>1112920000</b>
WAD 5 MC NE WS	48	<b>1112910000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 12/5 MC NE WS	720	<b>1609860000</b>
DEK 5/5 MM WS	800	<b>2007110000</b>
WS 8/5 MM WS	800	<b>2007150000</b>
Ensure 2.5 mm <sup>2</sup> max. when using the WQB. Only 400 V with the use of shield bus LS 2.8 1056400000 .		

**WDU 2.5 HV**

**2.5 mm<sup>2</sup>**



5.1 x 60 x 46.5  
**32 / 4**  
**0.05...4**



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
24			
2.5			
8 kV / 3			
A3 / V-0			

CE	
Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
/(M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDU 2.5 HV	100	<b>1412950000</b>

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	<b>1527540000</b>
ZQV 2.5N/10	24 A 20	<b>1527690000</b>
WQV 2.5/2	32 A 50	<b>1053660000</b>
WQV 2.5/10	32 A 20	<b>1054460000</b>
WAP 2.5-10	50	<b>1050000000</b>
WAP 2.5-10 BL	50	<b>1050080000</b>
WAP 16+35 WTW 2.5-10	20	<b>1050100000</b>
WAP 16+35 WTW 2.5-10 BL	20	<b>1050180000</b>
WEW 35/2	50	<b>1061200000</b>
WTA 2 WDU2.5-10	6 A 25	<b>1632320000</b>
WTA 2/ZA WDU2.5-10	6 A 25	<b>1632330000</b>
WAD 5 MC NE GE	48	<b>1112920000</b>
WAD 5 MC NE WS	48	<b>1112910000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 12/5 MC NE WS	720	<b>1609860000</b>
DEK 5/5 MM WS	800	<b>2007110000</b>
WS 8/5 MM WS	800	<b>2007150000</b>

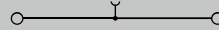
**WDU 2.5N**

**2.5 mm<sup>2</sup>**

With screwable cross-connection  
Compact design



5.1 x 44 x 37  
**32 / 4**  
**0.05...4**



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	352
24	20	20	24
2.5	AWG 22...12	AWG 26...12	2.5 mm <sup>2</sup>
6 kV / 3			
A3 / V-0			

CE	
Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
/(M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	Qty.	Order No.
WDU 2.5N	100	<b>1023700000</b>
WDU 2.5N BL	100	<b>1023780000</b>

For colour versions, see section on W-series Accessories - specific functions.

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	<b>1053660000</b>
WQV 2.5/10	32 A 20	<b>1054460000</b>
WAP WDU2.5N/4N	50	<b>1060000000</b>
WAP WDU2.5N/4N BL	50	<b>1060080000</b>
EW 35	50	<b>0383560000</b>
WTA 1 WDU1.5	6 A 25	<b>1632290000</b>
WTA 1/ZA WDU1.5	6 A 25	<b>1632300000</b>
WAD 4 WS	50	<b>1072100000</b>
WAD 4 GE BED	50	<b>1072000000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 12/5 MC NE WS	720	<b>1609860000</b>
DEK 5/5 MM WS	800	<b>2007110000</b>
WS 8/5 MM WS	800	<b>2007150000</b>

Socket and test plug, see section "W-Series accessories".

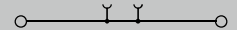
**WDU 2.5N/ZQV**

**2.5 mm<sup>2</sup>**

With pluggable cross-connection  
Compact design



5.1 x 44 x 37  
**32 / 4**  
**0.05...4**



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500		300	
24		25	
2.5		AWG 26...12	
6 kV / 3			
A3 / V-0			

CE	
Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.25...2.5	
/(M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	Qty.	Order No.
WDU 2.5N ZQV	100	<b>1040800000</b>
WDU 2.5N ZQV BL	100	<b>1040880000</b>

Rated voltage is 400 V when using the ZQV cross-connector.

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	<b>1527540000</b>
ZQV 2.5N/10	24 A 20	<b>1527690000</b>
WAP WDU2.5N/4N	50	<b>1060000000</b>
WAP WDU2.5N/4N BL	50	<b>1060080000</b>
EW 35	50	<b>0383560000</b>
WTA 1 WDU1.5	6 A 25	<b>1632290000</b>
WTA 1/ZA WDU1.5	6 A 25	<b>1632300000</b>
WAD 4 WS	50	<b>1072100000</b>
WAD 4 GE BED	50	<b>1072000000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 12/5 MC NE WS	720	<b>1609860000</b>
DEK 5/5 MM WS	800	<b>2007110000</b>
WS 8/5 MM WS	800	<b>2007150000</b>

Cross-connections, see section "W series accessories".



# Screw connection with clamping yoke technology (W-Series)

## Feed-through terminal blocks

Universal range

A

### WDU 2.5N/600 UL

2.5 mm<sup>2</sup>

Compact design



### AKZ 4

4 mm<sup>2</sup>

Feed-through terminal for TS 15



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

5.1 x 44 x 42.7
<b>32 / 4</b>
<b>0.05...4</b>

6.1 x 27 x 29
<b>41 / 6</b>
<b>0.13...6</b>

#### Technical data

Rated data	
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	
Clamped conductors (H05V/H07V)	
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/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	-
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800	600	600	
24	25	20	
2.5	AWG 22...12	AWG 26...12	
8 kV / 3			
A3 / V-0			
CE CB IEC VDE UL			
Rated connection		Further connection	
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
/ (M 2.5)			
10 / 0.6 x 3.5 mm			
Rated connection		Further connection	
0.5...1.5 / 0.5...1.5			
/ 0.5...1.5			
2.5 mm <sup>2</sup> conductor with ferrule with plastic collar, with the collar optimised for diameter only (order No. 1333100000, QTY 500).			

IEC 60947-7-1				Ex eb II C Gb  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
400	300	300	275	400	300	300	275
32	27	10	32	32	27	10	32
4	AWG 26...12	AWG 24...12	6 mm <sup>2</sup>	4	AWG 26...12	AWG 24...12	6 mm <sup>2</sup>
6 kV / 3				6 kV / 3			
A3 / V-2				A3 / V-2			
CE CB IEC VDE UL				TUEV18ATEX8221U			
Rated connection		Further connection		Rated connection		Further connection	
0.5...6 / 1.5...4				0.5...6 / 1.5...4			
0.5...4 / 0.5...2.5				0.5...4 / 0.5...2.5			
/ (M 3)				/ (M 3)			
8 / 0.6 x 3.5 mm				8 / 0.6 x 3.5 mm			
Rated connection		Further connection		Rated connection		Further connection	
0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			

#### Ordering data

Version	
	dark beige
	beige
	Blue
Note	

Type	Qty.	Order No.
WDU 2.5N/600UL	100	1730940000

Type	Qty.	Order No.
AKZ 4	100	0294360000
AKZ 4 BL	100	0294380000
AKZ 4 order No. 0294360000 and 0294380000 made of PA with flammability rating acc. to UL 94/V-2		

#### Accessories

Plug-in cross-connection	
	2-pole
	10-pole
Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
	dark beige
	Blue
End bracket	
	dark beige
Testing / Checking	
	Standard
	With spigot
	Test plug
	Socket
Cover	
	Blank, white
	Blank, yellow
	With lightning flash symbol
Marking tags	
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDU2.5N/4N	50	1060000000
WAP WDU2.5N/4N BL	50	1060080000
WEW 35/2	50	1061200000
WTA 1 WDU1.5	6 A 25	1632290000
WTA 1/ZA WDU1.5	6 A 25	1632300000
WAD 4 WS	50	1072100000
WAD 4 GE BED	50	1072000000
WS 8/5 MM WS	800	2007150000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 12/5 MC NE WS	720	1609860000
Socket and test plug, see section "W-Series accessories".		

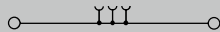
Type	Qty.	Order No.
Q 2 AKZ4	24 A 50	0336400000
Q 10 AKZ4	24 A 20	0368600000
AP AKZ4	20	0294460000
AP AKZ4 BL	20	0294480000
TW AKZ4	50	0348260000
EW 15	50	0382860000
PS 2.3 RT	20	0180400000
STB 8.5/04/2.3/M2.5 AKZ	50	0215700000
DEK 5/6 MC NE WS	1000	1609820000
Cross-connections, see section "W series accessories".		

WDU 4

4 mm<sup>2</sup>



6.1 x 60 x 46.5  
41 / 6  
0.13...6



Ex eb II  
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	690
32	35	35	32
4	AWG 26...10	AWG 26...10	4 mm <sup>2</sup>

8 kV / 3

A4 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...6 / 0.5...4	
/(M 3)	
10 / 0.6 x 3.5 mm	

0.5...2.5

0.5...1.5 / 0.5...1.5

Rated voltage is 400 V when using the ZQV cross-connector.  
Note max. current of terminal (41 A) when using WQV!

Type	Qty.	Order No.
WDU 4	100	1020100000
WDU 4 BL	100	1020180000

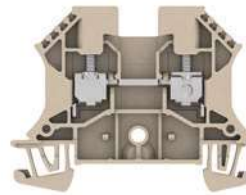
1000 VDC rated voltage tested. Rated voltage is 400 V when using the cross-connector. For alternative colours, see section on W-series accessories

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WQV 4/2	41 A 50	1051960000
WQV 4/10	41 A 20	1052060000
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	50	1061200000
WTA 3 WDU4	6 A 25	1632350000
WTA 3/ZA WDU4	6 A 25	1632360000
WAD 5 MC NE WS	48	1112910000
WAD 5 MC NE GE	48	1112920000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

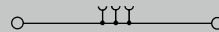
Socket and test plug, see section "W series accessories". Only 400 V with the use of shield bus LS 2.8 1056400000.

WDU 4 HV

4 mm<sup>2</sup>



6.1 x 60 x 46.5  
41 / 6  
0.13...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
32			
4			

8 kV / 3

A4 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...6 / 0.5...4	
/(M 3)	
10 / 0.6 x 3.5 mm	

0.5...2.5

0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WDU 4 HV	100	1412960000

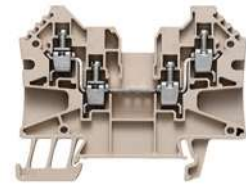
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WQV 4/2	41 A 50	1051960000
WQV 4/10	41 A 20	1052060000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WTA 3 WDU4	6 A 25	1632350000
WTA 3/ZA WDU4	6 A 25	1632360000
WAD 5 MC NE WS	48	1112910000
WAD 5 MC NE GE	48	1112920000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000

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

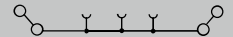
WDU 4/ZZ

4 mm<sup>2</sup>

Twin connection



6.1 x 70 x 53  
32 / 6  
0.05...6



Ex eb II  
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	690
32	30	30	29.5
4	AWG 30...10	AWG 30...10	4 mm <sup>2</sup>

8 kV / 3

A4 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
0.5...6	
0.5...4	
/(M 3)	
10 / 0.6 x 3.5 mm	

0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WDU 4/ZZ	50	1905060000
WDU 4/ZZ BL	50	1114720000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WQV 4/2	41 A 50	1051960000
WQV 4/10	41 A 20	1052060000
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	50	1061200000
WTA 3 WDU4	6 A 25	1632350000
WTA 3/ZA WDU4	6 A 25	1632360000
WAD 5 MC NE WS	48	1112910000
WAD 5 MC NE GE	48	1112920000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000

Cross-connections, see section "W series accessories".



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

Universal range

A

**WDU 4/ZR**

**4 mm<sup>2</sup>**

Supplementary connection, right



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

6.1 x 63.5 x 53
<b>32 / 6</b>
<b>0.05...6</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	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
<b>Note</b>	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	690
32	30	30	31
4	AWG 30...10	AWG 30...10	4 mm <sup>2</sup>

8 kV / 3  
A4 / V-0

Ex eb II  
C Gb II 2 G D

DEMCO14ATEX1338U

<b>Rated connection</b>		<b>Further connection</b>	
0.5...6		0.5...6	
0.5...4		0.5...4 / 0.5...4	
/ (M 3)			
10 / 0.6 x 3.5 mm			
0.5...1.5			
0.5...1.5 / 0.5...1.5			

**Ordering data**

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

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WDU 4/ZR	50	1905140000

**Accessories**

<b>Plug-in cross-connection</b>	
	2-pole
	10-pole
<b>End plate / Partition plate</b>	
	dark beige
	Blue
<b>End bracket</b>	
	dark beige
<b>Testing / Checking</b>	
	Standard
	With spigot
<b>Cover</b>	
	With lightning flash symbol
	Blank, white
<b>Marking tags</b>	

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP WDU/WTR4/ZR	50	1905070000
WEW 35/2	50	1061200000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

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

Cross-connections, see section "W series accessories".

**WDU 4N**

**4 mm<sup>2</sup>**

Compact design



6.1 x 44 x 37.7
<b>39 / 6</b>
<b>0.13...6</b>

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm <sup>2</sup>

6 kV / 3  
A4 / V-0

Ex eb II  
C Gb II 2 G D

DEMCO14ATEX1338U

<b>Rated connection</b>		<b>Further connection</b>	
0.5...6 / 1.5...6			
0.5...4 / 0.5...4			
/ (M 3)			
11 / 0.6 x 3.5 mm			
0.5...1.5			

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WDU 4N	100	1042600000
WDU 4N BL	100	1042680000

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP WDU2.5N/4N	50	1060000000
WAP WDU2.5N/4N BL	50	1060080000
WEW 35/2	50	1061200000
WTA 1 WDU1.5	6 A 25	1632290000
WTA 1/ZA WDU1.5	6 A 25	1632300000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

Cross-connections, see section "W series accessories".

WDU 4 SL

4 mm<sup>2</sup>



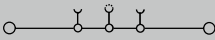
WDU 4 SL/EN

4 mm<sup>2</sup>

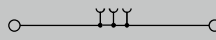


Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

6.1 x 60 x 46.5
41 / 6
0.22...6





6.1 x 60 x 51.5
41 / 6
0.22...6





Technical data

Rated data	
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	
Clamped conductors (H05V/H07V)	
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/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Note	

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

IEC	UL	CSA	EN 60079-7
630	600	300	440
32	30	25	32
4	AWG 22...10	AWG 22...10	4 mm <sup>2</sup>
6 kV / 2			
A4 / V-0			
 DEMKO14ATEX1338U			
Rated connection		Further connection	
0.5...6 / 1.5...6			
0.5...4			
/ (M 3)			
15 / 0.6 x 3.5 mm			
0.5...1.5			
0.5...1.5 / 0.5...1.5			
Note			
Note the max. current of the terminal (41 A) when using the cross-connector!			

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

IEC	UL	CSA	EN 60079-7
630	600	300	690
32	30	25	32
4	AWG 22...10	AWG 22...10	4 mm <sup>2</sup>
6 kV / 2			
A4 / V-0			
 DEMKO14ATEX1338U			
Rated connection		Further connection	
0.5...6 / 1.5...6			
0.5...4			
/ (M 3)			
15 / 0.6 x 3.5 mm			
0.5...1.5			
0.5...1.5 / 0.5...1.5			
Note			
Note the max. current of the terminal (41 A) when using the cross-connector!			

Ordering data

Version	
dark beige	
dark beige	
Blue	
Note	

Type	Qty.	Order No.
WDU 4 SL	50	9537440000
WDU 4 SL BL	50	9203060000
Note		
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).		

Type	Qty.	Order No.
WDU 4 SL/EN	50	9537450000
Note		
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).		

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	
Marking tags	
Plug-in cross-connection	
2-pole	
10-pole	
Hak. Cable lugs	
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
WQV 4/2	41 A 50	1051960000
WQV 4/10	41 A 20	1052060000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
WTA 3 WDU4	6 A 25	1632350000
WS 12/6 MC NE WS	600	1609900000
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
HBT 1,5 - 3,0 RT	100	1312440000
HBT 2,5 - 3,0 BL	100	1312450000
Note		
Cross-connections, see section "W series accessories".		

Type	Qty.	Order No.
WQV 4/2	41 A 50	1051960000
WQV 4/10	41 A 20	1052060000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
WTA 3 WDU4	6 A 25	1632350000
WS 12/6 MC NE WS	600	1609900000
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
HBT 1,5 - 3,0 RT	100	1312440000
HBT 2,5 - 3,0 BL	100	1312450000
Note		
Cross-connections, socket and test plug, see section "W series accessories". Only 400 V with the use of shield bus LS 2.8 1056400000.		



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

A



**WDU 6**

**6 mm<sup>2</sup>**

**WDU 6 HV**

**6 mm<sup>2</sup>**



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

7.9 x 60 x 46.5
<b>57 / 10</b>
<b>0.22...10</b>

7.9 x 60 x 46.5
<b>57 / 10</b>
<b>0.22...10</b>

### Technical data

Rated data	
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	
Clamped conductors (H05V/H07V)	
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/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
<b>Note</b>	

IEC 60947-1

Ex eb II  
C Gb

II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	690
41	50	50	41
6	AWG 22...8	AWG 22...8	6 mm <sup>2</sup>

8 kV / 3  
A5 / V-0

CE

DEMKO14ATEX1338U

Rated connection	Further connection
0.5...10 / 1.5...10	
0.5...10 / 0.5...6	
/ (M 3.5)	
12 / 0.8 x 4.0 mm	
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 60947-1

IEC	UL	CSA	EN 60079-7
1000			
41			
6			

8 kV / 3  
A5 / V-0

CE

Rated connection	Further connection
0.5...10 / 1.5...10	
0.5...10 / 0.5...6	
/ (M 3.5)	
12 / 0.8 x 4.0 mm	
0.5...2.5 / 0.5...2.5	

### Ordering data

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

Type	Qty.	Order No.
WDU 6	100	1020200000
WDU 6 BL	100	1020280000

1000 V DC 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
Marking tags	
Plug-in cross-connection	
	2-pole
	10-pole
Hak. Cable lugs	
<b>For detailed information on other accessories and application in the online catalogue</b>	

Type	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	50	1061200000	
WTA 3 WDU4	6 A	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.

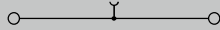
Type	Qty.	Order No.	
WQV 6/2	57 A	50	1052360000
WQV 6/10	57 A	20	1052260000
WAP 2.5-10	50	1050000000	
WAP 2.5-10 BL	50	1050080000	
WAP 16+35 WTW 2.5-10	20	1050100000	
WAP 16+35 WTW 2.5-10 BL	20	1050180000	
WEW 35/2	50	1061200000	
WTA 3 WDU4	6 A	25	1632350000
WAD 8 MC NE GE	48	1112950000	
WAD 8 MC NE 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	

WDU 6 SL

6 mm<sup>2</sup>



7.9 x 60 x 46.5  
57 / 6  
0.5...6



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

IEC	UL	CSA	EN 60079-7
630	150	300	275
41	50	45	40
6	AWG 20...8	AWG 20...8	6 mm <sup>2</sup>

6 kV / 2  
A5 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
0.5...6 6	
0.5...6	
/(M 3.5)	
16 / 0.8 x 4.0 mm	
0.5	

ESI rated data: 500 V/24 A / Note the max. current of the terminal (57 A) when using the cross-connector!

Type	Qty.	Order No.
WDU 6 SL	50	9537460000

With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

Type	Qty.	Order No.
WQV 6/2	57 A 50	1052360000
WQV 6/10	57 A 20	1052260000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
WTA 5/1	6 A 25	1051260000
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
HBT 1,5 - 4,6 RT	100	1233340000
HBT 2,5 - 4,6 BL	100	1233330000
HBT 6,0 - 4,6 GE	100	1216230000

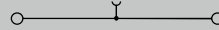
Cross-connections, see section "W series accessories".

WDU 6 SL/EN

6 mm<sup>2</sup>



7.9 x 60 x 51.1  
57 / 6  
0.5...6



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

IEC	UL	CSA	EN 60079-7
630	150	300	440
41	50	45	40
6	AWG 20...8	AWG 20...8	6 mm <sup>2</sup>

6 kV / 2  
A5 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
0.5...6 6	
0.5...6	
/(M 3.5)	
16 / 0.8 x 4.0 mm	
0.5	

ESI rated data: 500 V/24 A / Note the max. current of the terminal (57 A) when using the cross-connector!

Type	Qty.	Order No.
WDU 6 SL/EN	50	9537470000

With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

Type	Qty.	Order No.
WQV 6/2	57 A 50	1052360000
WQV 6/10	57 A 20	1052260000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
WTA 5/1	6 A 25	1051260000
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
HBT 1,5 - 4,6 RT	100	1233340000
HBT 2,5 - 4,6 BL	100	1233330000
HBT 6,0 - 4,6 GE	100	1216230000

Cross-connections, see section "W series accessories".



# Screw connection with clamping yoke technology (W-Series)

## Feed-through terminal blocks

Universal range

A

### WDU 10

10 mm<sup>2</sup>

### WDU 10 IR

10 mm<sup>2</sup>



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

9.9 x 60 x 46.5
<b>76 / 16</b>
<b>1.31...16</b>

9.9 x 60 x 46.5
<b>76 / 16</b>
<b>1.31...16</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	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
<b>Note</b>	

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

IEC	UL	CSA	EN 60079-7
1000	600	600	690
57	65	65	57
10	AWG 18...6	AWG 18...6	10 mm <sup>2</sup>
8 kV / 3			
B6 / V-0			
DEMKO14ATEX1338U			
Rated connection		Further connection	
1.5...16 / 1.5...16			
1.5...16 / 1.5...16			
/ (M 4)			
12 / 1.0 x 5.5 mm			
1.5...6 / 0.5...6			
0.5...6 / 0.5...6			
<b>Note</b> max. current of terminal (76 A) when using WQV! Tighten AWG 6/7 and H07V-R16 to 2.4 Nm.			

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

IEC	UL	CSA	EN 60079-7
1000	600	600	690
57	65	65	57
10	AWG 18...6	AWG 18...6	10 mm <sup>2</sup>
8 kV / 3			
B6 / V-0			
DEMKO14ATEX1338U			
Rated connection		Further connection	
1.5...16 / 1.5...16			
1.5...16 / 1.5...16			
/ (M 4)			
12 / TX 15			

#### Ordering data

<b>Version</b>	
	dark beige
	Blue
	black (combi clip-on foot TS 32/25)
<b>Note</b>	

Type	Qty.	Order No.
WDU 10	50	1020300000
WDU 10 BL	50	1020380000
<b>Note</b> 1000 VDC rated voltage tested. For alternative colours, see section on W-series accessories - specific functions.		

Type	Qty.	Order No.
WDU 10 IR	50	1393380000

#### Accessories

<b>Screwable cross-connection</b>	
	2-pole
	10-pole
<b>End plate / Partition plate</b>	
	dark beige
	Blue
	dark beige
	Blue
<b>End bracket</b>	dark beige
<b>Testing / Checking</b>	
	Standard
<b>Cover</b>	
	Blank, yellow
	Blank, white
<b>Marking tags</b>	
<b>Hak. Cable lugs</b>	

Type	Qty.	Order No.
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
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	50	1061200000
WTA 3 WDU4	6 A 25	1632350000
WAD 8 MC NE GE	48	1112950000
WAD 8 MC NE WS	48	1112940000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

Type	Qty.	Order No.
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
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	50	1061200000
WTA 5/1	6 A 25	1051260000
WAD 8 MC NE GE	48	1112950000
WAD 8 MC NE WS	48	1112940000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

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

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



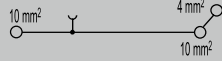
**WDU 10/ZR**

**10 mm<sup>2</sup>**

Additional connection on right 4 mm<sup>2</sup>



9.9 x 70 x 49  
**76 / 16**  
**1.31...16**



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
57	65	65	
10	AWG 16...6	AWG 16...6	
8 kV / 3			
B6, A4 / V-0			

Rated connection		Further connection	
1.5...16 / 1.5...16		0.5...6 / 1.5...4	
1.5...16 / 1.5...16		0.5...4 / 0.5...4	
/ (M 4)			
12 / 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm	
1.5...6			
1...6 / 1...6			
Note max. current of terminal (76 A) when using WQV! Tighten AWG 6/7 and H07V-R16 to 2.4 Nm. Upper right ZR connection A 4.			

Type	Qty.	Order No.
WDU 10/ZR	50	<b>1042400000</b>
WDU 10/ZR BL	50	<b>1042480000</b>
The measurement data relates to the 10 mm <sup>2</sup> connection.		

Type	Qty.	Order No.
WQV 10/2	76 A 50	<b>1052560000</b>
WQV 10/10	63 A 20	<b>1052460000</b>
WEW 35/2	50	<b>1061200000</b>
WTA 5/1	6 A 25	<b>1051260000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 12/6.5 MC NE WS	540	<b>1609920000</b>
HBT 1,5 - 4,6 RT	100	<b>1233340000</b>
HBT 2,5 - 4,6 BL	100	<b>1233330000</b>
HBT 6,0 - 4,6 GE	100	<b>1216230000</b>

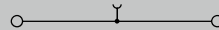
Cross-connections, socket and test plug, see section "W series accessories".

**WDU 10 SL**

**10 mm<sup>2</sup>**



9.9 x 60 x 46.25  
**76 / 10**  
**1.31...10**



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
630	150	300	352
57	50	65	55
10	AWG 16...8	AWG 16...6	10 mm <sup>2</sup>
6 kV / 2			
A5 / V-0			

Rated connection		Further connection	
1.5...10 / 1.5...10		1...6	
/ (M 4)			
17 / 1.0 x 5.5 mm			
1.5...4			
2.5...4 / 1...4			
ESI rated data: 500 V/36 A / 16 mm <sup>2</sup> stranded connection must be tightened with 2 Nm.			

Type	Qty.	Order No.
WDU 10 SL	50	<b>9537480000</b>
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).		

Type	Qty.	Order No.
WQV 10/2	76 A 50	<b>1052560000</b>
WQV 10/10	63 A 20	<b>1052460000</b>
WAP 2.5-10	50	<b>1050000000</b>
WAP 2.5-10 BL	50	<b>1050080000</b>
WAP 16+35 WTW 2.5-10	20	<b>1050100000</b>
WEW 35/2	50	<b>1061200000</b>
WTA 5/1	6 A 25	<b>1051260000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 12/6.5 MC NE WS	540	<b>1609920000</b>
HBT 1,5 - 4,6 RT	100	<b>1233340000</b>
HBT 2,5 - 4,6 BL	100	<b>1233330000</b>
HBT 6,0 - 4,6 GE	100	<b>1216230000</b>

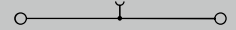
Cross-connections, see section "W series accessories".

**WDU 10 SL/EN**

**10 mm<sup>2</sup>**



9.9 x 56.6 x 51.1  
**76 / 16**  
**1.31...16**



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
630	600	300	550
57	50	65	55
10	AWG 16...8	AWG 16...6	10 mm <sup>2</sup>
6 kV / 2			
A6 / V-0			

Rated connection		Further connection	
1.5...16 / 1.5...16		1...6	
/ (M 4)			
17 / 1.0 x 5.5 mm			
1.5...4			
2.5...4 / 1...4			
ESI rated data: 500 V/36 A / 16 mm <sup>2</sup> stranded connection must be tightened with 2 Nm.			

Type	Qty.	Order No.
WDU 10 SL/EN	50	<b>9537490000</b>
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).		

Type	Qty.	Order No.
WQV 10/2	76 A 50	<b>1052560000</b>
WQV 10/10	63 A 20	<b>1052460000</b>
WAP 2.5-10	50	<b>1050000000</b>
WAP 2.5-10 BL	50	<b>1050080000</b>
WAP 16+35 WTW 2.5-10	20	<b>1050100000</b>
WEW 35/2	50	<b>1061200000</b>
WTA 5/1	6 A 25	<b>1051260000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 12/6.5 MC NE WS	540	<b>1609920000</b>
HBT 1,5 - 4,6 RT	100	<b>1233340000</b>
HBT 2,5 - 4,6 BL	100	<b>1233330000</b>
HBT 6,0 - 4,6 GE	100	<b>1216230000</b>

Cross-connections, see section "W series accessories".

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

Identically contoured design of 2.5 to 10 mm<sup>2</sup> 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.

### WDU 16

16 mm<sup>2</sup>

With peg for higher connection stability



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

11.9 x 60 x 62.5
<b>101 / 25</b>
<b>0.82...25</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	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
<b>Note</b>	

IEC 60947-7-1			
Ex eb II C Gb  II 2 G D			
<b>IEC</b>	<b>UL</b>	<b>CSA</b>	<b>EN 60079-7</b>
1000	600	600	690
76	85	85	76
16	AWG 18...4	AWG 18...6	16 mm <sup>2</sup>
8 kV / 3			
B7 / V-0			
DEMKO14ATEX1338U			
<b>Rated connection</b>		<b>Further connection</b>	
1.5...16 / 1.5...25			
1.5...25 / 1.5...16			
/ (M 5)			
16 / 1.0 x 5.5 mm			
1.5...4 / 1.5...6			
1.5...6 / 1.5...6			
Conductor connection H07V...16 and AWG 6 with tightening torque of 2.0-2.4 Nm.			

### Ordering data

<b>Version</b>	
	without peg / dark beige
	with peg / blue
	with peg / dark beige
<b>Note</b>	

Type	Qty.	Order No.
WDU 16	50	1020400000
WDU 16 BL	50	1020480000
WDU 16/ZA	50	1028900000
Order No. 1020400000 and 1020480000 (blue) versions without pegs (50 pcs.)		

### Accessories

<b>Screwable cross-connection</b>	
	2-pole
	10-pole
<b>End plate / Partition plate</b>	
	dark beige
	Blue
<b>End bracket</b>	
	dark beige
<b>Cover</b>	
	With lightning flash symbol
	Blank, white
<b>Marking tags</b>	

Type	Qty.	Order No.	
WQV 16/2	101 A	50	1053260000
WQV 16/10	101 A	10	1053360000
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	

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

Socket and test plug, see section "W-series accessories"

WDU 16 IR

16 mm<sup>2</sup>

WDU 16N

16 mm<sup>2</sup>



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

11.9 x 60 x 62.5
<b>101 / 25</b>
<b>0.82...25</b>

12 x 60 x 46.5
<b>101 / 25</b>
<b>1.5...25</b>

Technical data

Rated data	
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	
Clamped conductors (H05V/H07V)	
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/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm <sup>2</sup>
<b>Note</b>	

IEC 60947-7-1

Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
76	85	85	76
16	AWG 18...4	AWG 18...6	16 mm <sup>2</sup>
8 kV / 3			
B7 / V-0			
Rated connection		Further connection	
1.5...16 / 1.5...25			
1.5...25 / 1.5...16			
/ (M 5)			
16 / TX 15			
/ 1.5...6			
1.5...6 / 1.5...6			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
690	600	300	
76	70	70	
16	AWG 14...6	AWG 14...6	
8 kV / 3			
B7 / V-0			
Rated connection		Further connection	
1.5...16 / 1.5...25			
1.5...16 / 1.5...16			
/ (M 4)			
12 / 1.0 x 5.5 mm			
1.5...4			
1.5...4 / 1.5...4			

AWG 6/7 and H07V-R25 tighten with a tightening torque of 1.5 Nm.

Ordering data

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

Type	Qty.	Order No.
WDU 16 IR	50	1393390000

Type	Qty.	Order No.
WDU 16N	50	1036100000
WDU 16N BL	50	1036180000

1000 VDC rated voltage tested.

Accessories

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

Type	Qty.	Order No.
WQV 16/2	101 A 50	1053260000
WQV 16/10	101 A 10	1053360000
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 NEUTRAL	50	1056260000
WAD 12 M.BL.	50	1055960000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

Type	Qty.	Order No.
WQV 16N/2	76 A 50	1636560000
WQV 16N/4	76 A 50	1636580000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 12N WS	50	1073290000
WAD 12N GE BED	50	1073200000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/12 MC NE WS	300	1905970000
WTA 2 WDU2.5-10	6 A 25	1632320000

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

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



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

Identically contoured design of 2.5 to 10 mm<sup>2</sup> 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.

**WDU 35**

**35 mm<sup>2</sup>**

Clamping screw / spigot for good connection stability



**WDU 35 IR**

**35 mm<sup>2</sup>**



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

16 x 60 x 62.5	
<b>150 / 50</b>	
<b>2.5...50</b>	

16 x 60 x 62.5	
<b>150 / 50</b>	
<b>2.5...50</b>	

**Technical data**

Rated data	
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	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
<b>Note</b>	

IEC 60947-1 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 mm <sup>2</sup>
8 kV / 3			
B8 / V-0			
DEMKO14ATEX1338U			
Rated connection		Further connection	
2.5...16 / 2.5...50			
2.5...35 / 2.5...35			
/ (M 6)			
18 / 6.5 x 1.2 mm			
2.5...10 / 16...16			
2.5...16 / 2.5...16			

IEC 60947-1 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 mm <sup>2</sup>
8 kV / 3			
B8 / V-0			
DEMKO14ATEX1338U			
Rated connection		Further connection	
2.5...16 / 2.5...50			
2.5...35 / 2.5...35			
/ (M 6)			
18 / TX 20			

**Ordering data**

Version	
	without peg / dark beige
	with peg / blue
	with peg / dark beige
<b>Note</b>	

Type	Qty.	Order No.
WDU 35	40	<b>1020500000</b>
WDU 35 BL	40	<b>1020580000</b>
WDU 35/ZA	40	<b>1028800000</b>
Order No. 1020500000 and 1020580000 (blue) versions without pegs (40 pcs.).		

Type	Qty.	Order No.
WDU 35 IR	40	<b>1393400000</b>

**Accessories**

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

Type	Qty.	Order No.
WQV 35/2	138 A 50	<b>1053060000</b>
WQV 35/10	112 A 10	<b>1053160000</b>
<b>End plate / Partition plate</b>		
WAP 16*35 WTW 2.5-10	20	<b>1050100000</b>
WAP 16*35 WTW 2.5-10 BL	20	<b>1050180000</b>
<b>End bracket</b>		
WEW 35/1	50	<b>1059000000</b>
<b>Cover</b>		
WAD 12 M.BL.	50	<b>1055960000</b>
WAD 12 NEUTRAL	50	<b>1056260000</b>
<b>Marking tags</b>		
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 12/6.5 MC NE WS	540	<b>1609920000</b>

Type	Qty.	Order No.
WQV 35/2	138 A 50	<b>1053060000</b>
WQV 35/10	112 A 10	<b>1053160000</b>
<b>End plate / Partition plate</b>		
WAP 16*35 WTW 2.5-10	20	<b>1050100000</b>
WAP 16*35 WTW 2.5-10 BL	20	<b>1050180000</b>
<b>End bracket</b>		
WEW 35/1	50	<b>1059000000</b>
<b>Cover</b>		
WAD 12 M.BL.	50	<b>1055960000</b>
WAD 12 NEUTRAL	50	<b>1056260000</b>
<b>Marking tags</b>		
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 12/5 MC NE WS	720	<b>1609860000</b>

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

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

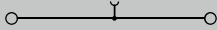
**WDU 35 IK**

**35 mm<sup>2</sup>**

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 <sup>2</sup>

8 kV / 3

B8 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
/ (M 6)	
18 / S4 (DIN 6911)	

2.5...10 / 16...16  
2.5...16 / 2.5...16

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

Order No. 1020600000 and 1020680000 (blue) versions without pegs (25 pcs.).

Type	Qty.	Order No.
WQV 35/2	138 A 50	<b>1053060000</b>
WQV 35/10	112 A 10	<b>1053160000</b>
WAP 16+35 WTW 2.5-10	20	<b>1050100000</b>
WAP 16+35 WTW 2.5-10 BL	20	<b>1050180000</b>
WEW 35/1	50	<b>1059000000</b>
WAD 12 M.BL	50	<b>1055960000</b>
WAD 12 NEUTRAL	50	<b>1056260000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 12/6.5 MC NE WS	540	<b>1609920000</b>

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

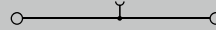
**WDU 35N**

**35 mm<sup>2</sup>**

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	600	352
125	150	150	110
35	AWG 12...0	AWG 12...2	35 mm <sup>2</sup>

6 kV / 3

B8 / V-0

DEMKO14ATEX1338U

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

2.5...6  
2.5...6 / 2.5...6

1000 V DC rated voltage tested.

Type	Qty.	Order No.
WDU 35N	20	<b>1040400000</b>
WDU 35N BL	20	<b>1040480000</b>

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-EN partitions.

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

Cross-connections, see section "W series accessories".



**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**

Rated data	
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 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 mm <sup>2</sup>
8 kV / 3			
B10 / V-0			
DEMKO14ATEX1338U			
Rated connection		Further connection	
10...16 / 10...70			
10...50			
/ (M 6)			
24 / S4 (DIN 6911)			
...16 / 6...16			
6...16 / 6...16			
1000 V DC rated voltage tested.			

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 mm <sup>2</sup>
8 kV / 3			
B10 / V-0			
DEMKO14ATEX1338U			
Rated connection		Further connection	
10...16 / 10...70			
10...50			
/ (M 6)			
24 / TX 20			
...16 / 6...16			
6...16 / 6...16			
1000 V DC rated voltage tested.			

**Ordering data**

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

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

Type	Qty.	Order No.
WDU 50N IR	10	<b>1186630000</b>
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**

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

Type	Qty.	Order No.
WQV 50N/2	150 A 5	<b>1834060000</b>
WQV 50N/3	150 A 5	<b>1834070000</b>
WQV 50N/4	150 A 5	<b>1834080000</b>
<b>WEW 35/1</b> 50 <b>1059000000</b>		
<b>WAD 20 GE WSD</b> 10 <b>9512260000</b>		
WZAD 50N	41 A 5	<b>1872720000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 12/6.5 MC NE WS	540	<b>1609920000</b>
SKS 2,0-8,0 MR	1	<b>9008870000</b>

Type	Qty.	Order No.
WQV 50N/2	150 A 5	<b>1834060000</b>
WQV 50N/3	150 A 5	<b>1834070000</b>
WQV 50N/4	150 A 5	<b>1834080000</b>
<b>WEW 35/1</b> 50 <b>1059000000</b>		
<b>WAD 20 GE WSD</b> 10 <b>9512260000</b>		
WZAD 50N	41 A 5	<b>1872720000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 12/6.5 MC NE WS	540	<b>1609920000</b>
TH-S 9-40	1	<b>9008880000</b>

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".

Cross-connections, see section "W series accessories".

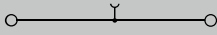
**WDU 70N**

**70 mm<sup>2</sup>**

Compact design



20.5 x 75 x 85  
**232 / 95**  
**16...95**



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

IEC	UL	CSA	EN 60079-7
1000	600	600	690
192	150	150	184
70	AWG 6...0	AWG 6...0	70 mm <sup>2</sup>

8 kV / 3  
B11 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
16...16 / 16...95	
16...70 / 16...50	
/ (M 8)	
22 / S6 (DIN 6911)	
10...16 / 10...25	
10...25 / 6...25	
1000 V DC rated voltage tested.	

Type	Qty.	Order No.
WDU 70N/35	10	<b>9512190000</b>
WDU 70N/35 BL	10	<b>9512420000</b>
1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-EN partitions.		

Type	Qty.	Order No.
WQV 70N/2	192 A	5 <b>9512240000</b>
WQV 70N/3	192 A	5 <b>9512250000</b>
WQV 70N/4	192 A	5 <b>9531290000</b>
WEW 35/1	50	<b>1059000000</b>
WAD 20 GE WSD	10	<b>9512260000</b>
WZAD 70N	41 A	5 <b>1964830000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 12/6.5 MC NE WS	540	<b>1609920000</b>
SKS 2,0-8,0 MR	1	<b>9008870000</b>

Auxiliary connection for additional conductor "WZAD 70N" 1964830000 (up to 10 mm<sup>2</sup>, 41 A). Cross-connections, see section "W series accessories".

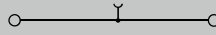
**WDU 70N/35 IR**

**70 mm<sup>2</sup>**

Compact design



20.5 x 75 x 85  
**232 / 95**  
**16...95**



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600		
192	150		
70	AWG 6...0		

8 kV / 3  
B11 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
16...16 / 16...95	
16...70 / 16...50	
/ (M 8)	
22 / TX 40	
1000 V DC rated voltage tested.	

Type	Qty.	Order No.
WDU 70N/35 IR	10	<b>1393420000</b>

Type	Qty.	Order No.
WQV 70N/2	192 A	5 <b>9512240000</b>
WQV 70N/3	192 A	5 <b>9512250000</b>
WQV 70N/4	192 A	5 <b>9531290000</b>
WEW 35/1	50	<b>1059000000</b>
WAD 20 GE WSD	10	<b>9512260000</b>
WZAD 70N	41 A	5 <b>1964830000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 12/6.5 MC NE WS	720	<b>1609860000</b>
TH-S 9-40	1	<b>9008880000</b>

Auxiliary connection for additional conductor "WZAD 70N" 1964830000 (up to 10 mm<sup>2</sup>, 41 A). Cross-connections, see section "W series accessories".

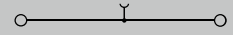
**WDU 95N/120N**

**120 mm<sup>2</sup>**

Compact design



27 x 91 x 90  
**290 / 150**  
**16...150**



IEC 60947-7-1 Ex eb II C Gb **Ex** 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 <sup>2</sup>

8 kV / 3  
B13 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
16...16 / 16...150	
16...120	
/ (M 10)	
27 / S6 (DIN 6911)	
16...16 / 10...35	
16...35 / 10...35	
1000 V DC rated voltage tested.	

Type	Qty.	Order No.
WDU 95N/120N	5	<b>1820550000</b>
WDU 95N/120N BL	5	<b>1820560000</b>
1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-EN partitions.		

Type	Qty.	Order No.
WQV 95N/120N/2	269 A	5 <b>1826890000</b>
WQV 95N/120N/3	269 A	5 <b>1826900000</b>
WQV 95N/120N/4	269 A	5 <b>1826910000</b>
WEW 35/1	50	<b>1059000000</b>
WAD 20 GE WSD	10	<b>9512260000</b>
WZAD 95N/120N	41 A	5 <b>1859580000</b>
DEK 5/5 MC NE WS	1000	<b>1609801044</b>
WS 12/6.5 MC NE WS	540	<b>1609920000</b>
SKS 2,0-8,0 MR	1	<b>9008870000</b>

Auxiliary connection for additional conductor "WZAD 95N/120N" 1859580000 (up to 10 mm<sup>2</sup>, 41 A). Cross-connections, see section "W series accessories".





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

Universal range

A

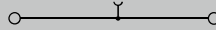
WDU 240

240 mm<sup>2</sup>



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

36 x 100 x 123.7
<b>415 / 240</b>
<b>70...240</b>



**Technical data**

Rated data	
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	
Clamped conductors (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm <sup>2</sup>
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 <sup>2</sup>
Note	

IEC 60947-7-1

Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	1100
415	380	400	350
240		AWG 0...500	240 mm <sup>2</sup>
8 kV / 3			
B15 / V-0			

CE KEMA01ATEX2186U

Rated connection	Further connection
/ 70...240	
70...240 / 70...185	
/ (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	<b>1802780000</b>
WDU 240 BL	2	<b>1822210000</b>

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 <sup>2</sup>
Marking tags	
Screwdriver	
	Standard

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

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

