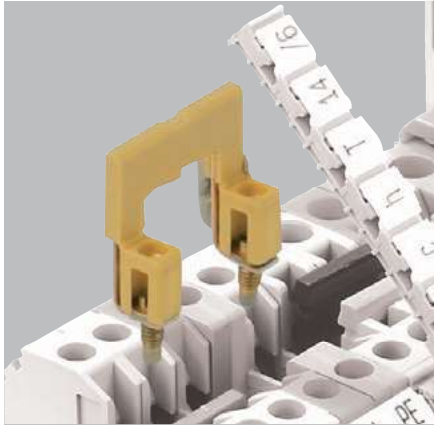


WQV screw-in cross-connection



Any number of poles (extending)

Pre-fitted cross-connections can be set one after the other to produce any required number of poles.

To do so, arrange the last and first contact points of two identical WQVs so that they overlap.

- First, remove the fixing screw and screwdriver guide (insulated part) at one of the outer contact points of one of the WQVs.

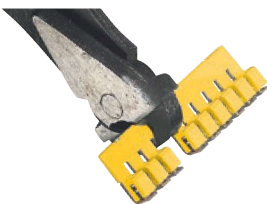
Thanks to the many possible ways in which the WQV cross-connection system can be used – break-out of individual layers, creation of any number of poles or running of two voltages parallel to one another – individual modules can be realised very easily!

Technical instructions

- The full rated current of the terminals can be routed across any number of poles.
- No end plates or partition plates needed for adjacent WQV up to 400 V.

Assembly

- Place the WQV in the cross-connection channel in the middle of the terminal and screw tight.
- Individual WQV segments can be broken out by bending over or using the WAW1 tool (9004500000). It is then possible to bridge individual or several terminals.



- Captive fixing screws.
- Snap onto the clamped support – simple overhead assembly.



- Then insert the WQV without fixing screw and insulated part. At the same time, insert an unmodified WQV in parallel so as to produce an overlap at the connection. The connection is screwed tight using the fixing screw of the unmodified WQV.

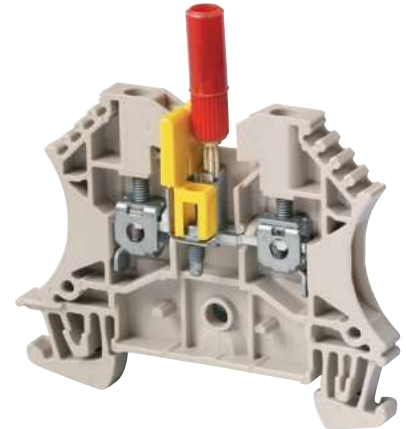


Routing 2 potentials in parallel

- In spite of only having 1 channel, the QV cross-connection system can still be used for offset cross-connections. See the photo “parallel bridging” (see on the next page).

WQV in combination with a socket contact and test plug

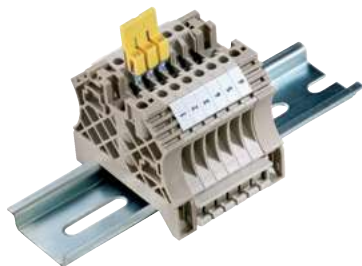
- Remove the fixing screw and insulation part of the WQV. Screw the socket in at this point. This now makes it possible to integrate a safe test point.



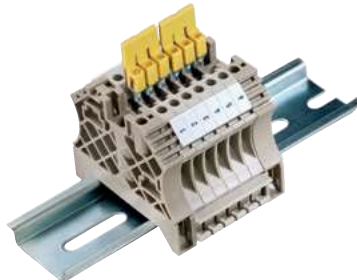
Potential distribution – possible combinations

In one cross-connection channel

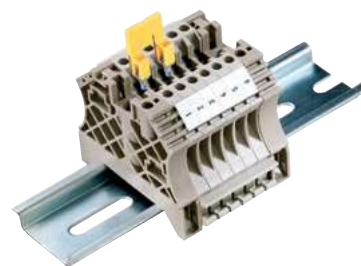
single



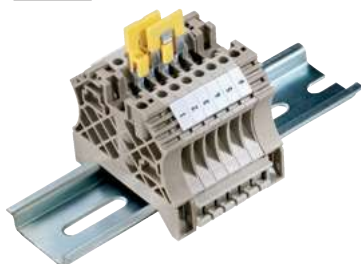
adjacent



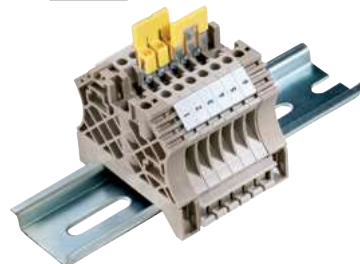
bridging



parallel/bridging



parallel/lengthening



Possible cross-connections of terminals of the same type
with appropriate cross-connectors

Terminal type	Cross-connector	single	adjacent	bridging	parallel bridging	parallel lengthening
Standard						
WDU 1.5/ZZ	WQV 2.5	•	•	•	•	•
WDU 1.5/BLZ	WQV 2.5	•	•	•	•	•
WDU 2.5/1.5/ZR	WQV 2.5	•	•	•	•	•
WDU 2.5 - WDU 35	WQV 2.5 - WQV 35	•	•	•	•	•
WDK 2.5...	WQV 2.5	•	•	•	•	•
WDK 2.5 PE	WQV 2.5	•	•	•	•	•
WDU 2.5/BLZ	WQV 2.5	•	•	•	•	•
WDK 2.5/BLZ	WQV 2.5	•	•	•	•	•
WDU 2.5 F...	WQV 2.5	•	•	•	•	•
WDK 2.5 F...	WQV 2.5	•	•	•	•	•
WDU 4... - WDU 35...	WQV 4 - WQV 35	•	•	•	•	•
WDU 70/95	WQV 70/95	•	•	•	•	•
WDU 120/150	WQV 120/150	•	•	•	•	•
WDU 240	WQB 240	•	•	•	•	•
Compact						
WDU 2.5N	WQV 2.5	•	•	•	•	•
WDU 2.5N 600V	WQV 2.5	•	•	•	•	•
WDU 16N	WQV 16N	•	•	•	•	•
WDU 35N	WQV 35N	•	•	•	•	•
WDU 50N	WQV 50N	•	•	•	•	•
WDU 70N	WQV 70N	•	•	•	•	•
WDU 95N/120N	WQV 95N/120N	•	•	•	•	•



Screw connection with clamping-yoke technology (W-Series)
Accessories – Potential distribution

WQV 2.5



Technical data	
current	A
Ordering data	
2-pin	
3-pin	
4-pin	
5-pin	
5-pin	
6-pin	
7-pin	
8-pin	
9-pin	
10-pin	
15-pin	
20-pin	
32-pin	
Note	

32		
Type	Qty.	Order No.
WQV 2.5/2	50	1053660000
WQV 2.5/3	50	1053760000
WQV 2.5/4	50	1053860000
WQV 2.5/5	10	1053960000
WQV 2.5/6	10	1054060000
WQV 2.5/7	10	1054160000
WQV 2.5/8	10	1054260000
WQV 2.5/9	10	1054360000
WQV 2.5/10	20	1054460000
WQV 2.5/15	10	1059660000
WQV 2.5/20	10	1577570000
WQV 2.5/32	10	1577600000

WQV 4



41		
Type	Qty.	Order No.
WQV 4/2	50	1051960000
WQV 4/3	50	1054560000
WQV 4/4	50	1054660000
WQV 4/5	10	1057860000
WQV 4/6	10	1057160000
WQV 4/7	10	1057260000
WQV 4/10	20	1052060000

WQV 6



57		
Type	Qty.	Order No.
WQV 6/2	50	1052360000
WQV 6/3	50	1054760000
WQV 6/4	50	1054860000
WQV 6/5	50	1062660000
WQV 6/6	50	1062670000
WQV 6/7	50	1062680000
WQV 6/10	20	1052260000

WQV 35N



Technical data	
current	A
Ordering data	
2-pin	
3-pin	
4-pin	
5-pin	
5-pin	
6-pin	
7-pin	
8-pin	
9-pin	
10-pin	
15-pin	
20-pin	
32-pin	
Note	

125		
Type	Qty.	Order No.
WQV 35N/2	20	1079200000
WQV 35N/3	20	1079300000
WQV 35N/4	20	1079400000

WQV 50N



150		
Type	Qty.	Order No.
WQV 50N/2	5	1834060000
WQV 50N/3	5	1834070000
WQV 50N/4	5	1834080000
WQV 50N/5	5	2004960000
WQV 50N/5/3/1	5	1469080000

WQV 70N



192		
Type	Qty.	Order No.
WQV 70N/2	5	9512240000
WQV 70N/3	5	9512250000
WQV 70N/4	5	9531290000
WQV 70N/5	5	2004950000
WQV 70N/5/3/1	5	1393020000

WQV 10



57		
Type	Qty.	Order No.
WQV 10/2	50	1052560000
WQV 10/3	50	1054960000
WQV 10/4	50	1055060000
WQV 10/10	20	1052460000

WQV 16



101		
Type	Qty.	Order No.
WQV 16/2	50	1053260000
WQV 16/3	50	1055160000
WQV 16/4	50	1055260000
WQV 16/10	10	1053360000

WQV 16N



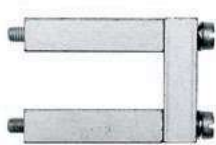
101		
Type	Qty.	Order No.
WQV 16N/2	50	1636560000
WQV 16N/3	50	1636570000
WQV 16N/4	50	1636580000

WQV 35



138		
Type	Qty.	Order No.
WQV 35/2	50	1053060000
WQV 35/3	50	1055360000
WQV 35/4	50	1055460000
WQV 35/10	10	1053160000

WQV 70/95



232		
Type	Qty.	Order No.
WQV 70/95/2	5	1063500000
WQV 70/95/3	5	1063600000

WQV 95N/120N



269		
Type	Qty.	Order No.
WQV 95N/120N/2	5	1826890000
WQV 95N/120N/3	5	1826900000
WQV 95N/120N/4	5	1826910000
WQV 95N/120N/5/3/1	5	1469090000

WQV 120



269		
Type	Qty.	Order No.
WQV 120/2	5	1063300000
WQV 120/3	5	1063400000



Screw connection with clamping-yoke technology (W-Series)
Accessories – Potential distribution

Universal range

A

Screwable QV

Q AKZ 4 SS



Technical data	
current	A
Ordering data	
2-pin	
3-pin	
4-pin	
10-pin	
20-pin	
Note	

20		
Type	Qty.	Order No.
Q 2 AKZ4SS	50	0369000000
Q 10 AKZ4SS	20	0369300000
Note		

Q / DLI



20		
Type	Qty.	Order No.
Q 2 DLI	50	1312500000
Q 3 DLI	50	1312600000
Q 4 DLI	50	1312700000
Q 10 DLI	20	1313100000
Q 20 DLI	20	1399800000
Note		

Q AKZ 1.5



24		
Type	Qty.	Order No.
Q 2 AKZ 1.5	50	0368200000
Q 3 AKZ 1.5	50	0368300000
Q 4 AKZ 1.5	50	0368400000
Q 10 AKZ 1.5	20	0368500000
Note		

Screwable QV

Q AKZ 4



Technical data	
current	A
Ordering data	
2-pin	
3-pin	
4-pin	
10-pin	
20-pin	
Note	

32		
Type	Qty.	Order No.
Q 2 AKZ4	50	0336400000
Q 3 AKZ4	50	0336500000
Q 4 AKZ4	50	0336600000
Q 10 AKZ4	20	0368600000
Note		

Q / WDL



24		
Type	Qty.	Order No.
Q 2 WDL2.5S	50	1071500000
Q 3 WDL2.5S	50	1071600000
Q 4 WDL2.5S	50	1071700000
Q 10 WDL2.5S	20	1071800000
Q 20 WDL2.5S	20	1074200000
Note		

Potential supply with cross-section reduction

Feed-in via output terminal

WDU 35

onto WDU 10



Technical data	
Rated current	A
Internal thread	-
Tightening torque	-
Ordering data	
2-pin	
3-pin	
Note	

to WDU 35			to WDU 10		
57					
0.6...1.2					
Type	Qty.	Order No.			
WQV 35-10	10	1068000000			
Note					

WDU 35

onto WDU 2.5



to WDU 35			to WDU 10		
41					
0.4...0.8					
Type	Qty.	Order No.			
WQV 35-2.5	10	1064100000			
Note					

WQV 70N-35



to					
Type	Qty.	Order No.			
WQV 70N-35	5	2462540000			
Note					

Feed-in via output terminal

WDU 16

WDU 2.5



to WDU 16	to WDU 2.5
76	

Type	Qty.	Order No.
WQV 16-2.5	10	1063900000

Technical data	
Rated current	A
Internal thread	-
Tightening torque	-
Ordering data	
	2-pin
	3-pin
Note	

WDU 16N

WDU 2.5



to WDU 16	to WDU 2.5

Type	Qty.	Order No.
WQV 16N-2.5	10	1073100000

WDU 16N

WDU 4 / WDU 6



to WDU 16N	to WDU 4 / 6
57	

Type	Qty.	Order No.
WQV 16N-4/6	10	1072500000

Feed-in via output terminal

WDU 10

WDU 2.5



to WDU 10	to WDU 2.5

Type	Qty.	Order No.
Q WDU10-2.5 SET	10	1859620000

Technical data	
Rated current	-
Internal thread	-
Tightening torque	-
Ordering data	
	2-pin
	3-pin
Note	

WDU 6

WDU 2.5



to WDU 6	to WDU 2.5

Type	Qty.	Order No.
Q WDU6-2.5 SET	10	1859600000

Note

Cross-connectors reducing the cross-section may not be used in ATEX applications.

Feed-in via output terminal

WDU 10

WDU 4



to WDU 10	to WDU 4

Type	Qty.	Order No.
Q WDU 10-4 SET	10	1859610000

Technical data	
Rated current	A
Internal thread	-
Tightening torque	-
Ordering data	
	2-pin
Note	

WDU 35

WDU 4 / WDU 6



to WDU 35	to WDU 4 / 6

Type	Qty.	Order No.
WQV 35-4/6	10	1064200000

WDU 16

WDU 4 / WDU 6



to WDU 16	to WDU 4 / 6

Type	Qty.	Order No.
WQV 16-4/6	10	1064000000