

Jumpers

ZQV, ZQS, ZQB, ZQW

Jumpers are used to distribute current to other terminal blocks within the rail assembly. ZQV, ZQS, and WQV jumpers are touch-safe; fully insulated and inserted into the jumper recess in the middle of the terminal block. They are securely fastened to the block current bar.

To select the proper jumper, you must know the type of terminals being connected and the number of poles. The model number can then be used for the selection (e.g. ZQV 2.5/2 is for use in a ZDU 2.5 terminal and has 2 poles). Features include:

- Z-Series jumpers push into the blocks
- Pre-assembled jumpers between 2-10 poles with captive screws and screwdriver guides (WDU Blocks)
- Full terminal block current rating can be distributed through the jumper
- Individual jumper legs can be removed to skip terminals
- Jumpers can be installed in parallel to allow dual current distribution paths (ZDU 2.5 and WDU 2.5)

Arrangement of 2 potentials



Simple

Parallel

ZQW



ZQW jumpers interconnect tension clamp blocks with screw clamp blocks. The ZQW connects to the current bar of the screw clamp block. The other end of the ZQW is inserted into one of the tension clamps. Continuous current rating of the ZQW jumper is 27 A.

	Type	Part No.
To tension clamp from:		
WDU 6/WDU 10	ZQW1	1611430000
WDU 16/WDU 35	ZQW2	1611440000

ZQB 2.5

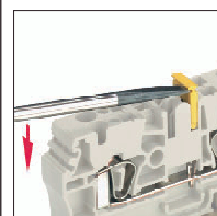
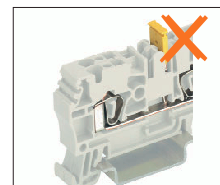
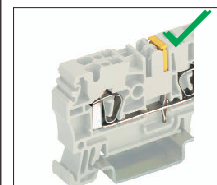
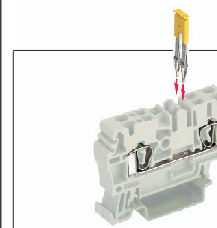


Used to jumper two blocks together when DIN-rail jumpers is not available. Maximum current: 20 A

	Type	Part No.
For 5 mm wide blocks	ZQB 2.5	1677120000

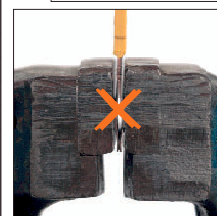
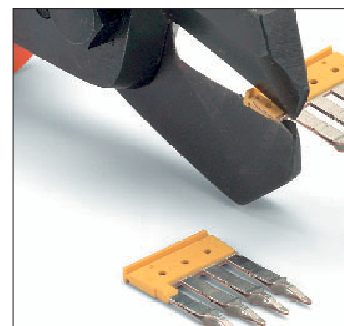
For terminal type Continuous current

ZDU 1.5, ZDU 2.5,			
ZDU 2.5/3AN,			
ZDU 2.5/4AN,			
ZTR 2.5, ZTR 2.5/3AN,			
ZTR 2.5/D, ZTR 2.5/3AN/D			
	Amp	Type	Part No.
Width 5 mm	25	ZQV 2.5/2	1608860000
	25	ZQV 2.5/3	1608870000
	25	ZQV 2.5/4	1608880000
	25	ZQV 2.5/5	1608890000
	25	ZQV 2.5/6	1608900000
	25	ZQV 2.5/7	1608910000
	25	ZQV 2.5/8	1608920000
	25	ZQV 2.5/9	1608930000
	25	ZQV 2.5/10	1608940000
	25	ZQV 2.5/50*	1697540000
ZDU 4			
Width 6 mm	33	ZQV 4/2	1608950000
	33	ZQV 4/3	1608960000
	33	ZQV 4/4	1608970000
	33	ZQV 4/5	1608980000
	33	ZQV 4/6	1608990000
	33	ZQV 4/7	1609000000
	33	ZQV 4/8	1609010000
	33	ZQV 4/9	1609020000
	33	ZQV 4/10	1609030000
ZDU 10, ZDU 16, ZDU 35			
Width 12 mm	57	ZQV 35/10	7920100000
	57	ZQV 16/10	7920080000
Width 16 mm	76	ZQV 35/16	7920120000
ZSI 2.5/2			
Width 12 mm	16	ZQS 2.5/2	1633200000
	16	ZQS 2.5/3	1633210000
	16	ZQS 2.5/4	1633220000
	16	ZQS 2.5/5	1633230000
ZDU 6, ZSI 2.5			
Width 8 mm	45	ZQV 6/2	1627850000
	45	ZQV 6/3	1627860000
	45	ZQV 6/4	1627870000
WDU 2.5*			
Width 5 mm	25	ZQV 2.5/2	1693800000
	25	ZQV 2.5/3	1693810000
	25	ZQV 2.5/4	1693820000
	25	ZQV 2.5/5	1693830000
	25	ZQV 2.5/6	1693840000
	25	ZQV 2.5/7	1693850000
	25	ZQV 2.5/8	1693860000
	25	ZQV 2.5/9	1693870000
	25	ZQV 2.5/10	1693880000
	25	ZQV 2.5/50*	1693890000
WDU 4, WDK 4N, WTR 4			
Width 6 mm	33	ZQV 4N/2	1758250000
	33	ZQV 4N/3	1762630000
	33	ZQV 4N/4	1762620000
	33	ZQV 4N/10	1758260000
	33	ZQV 4N/41	1758270000
*color option			
	Yellow	Red	Blue
ZQV 2.5N/2	1693800000	1717900000	1717990000
ZQV 2.5N/3	1693810000	1717910000	1718000000
ZQV 2.5N/4	1693820000	1717920000	1718010000
ZQV 2.5N/5	1693830000	1717930000	1718020000
ZQV 2.5N/6	1693840000	1717940000	1718030000
ZQV 2.5N/7	1693850000	1717950000	1718040000
ZQV 2.5N/8	1693860000	1717960000	1718050000
ZQV 2.5N/9	1693870000	1717970000	1718060000
ZQV 2.5N/10	1693880000	1717980000	1718070000
ZQV 2.5N/50 (endless)	1693890000	1718170000	1718180000
Colored jumper ZQV 2.5N			



Pluggable jumpers can be inserted and replaced quickly and easily.

The length of the jumpers can be shortened using a suitable cutting tool, e.g. KT ZQV (Part No. 9002170000). However, at least three contact elements must remain.



Caution:
Do not deform the contact elements!

If the cross-connections are shortened by the user, partitions and/or end plates (ZAP/TW...) must be used to maintain the rated voltage of 250 V, if terminals of type ZDU 2.5/... are used.

*Jumpering over 32 blocks may not be possible due to cumulative tolerances of blocks.
50 pole versions do not have insulated ends.