

Screw Clamp Power Terminals 35 mm DIN-Rail

Multiple level

Many installation specifications for power systems require that the installed system be subjected to an insulation measurement test. Special specifications stipulate an insulation measurement for all outgoing conductors (L 1, L 2, L 3, N) without making any disconnections. The WDL three-way terminal block meets these requirements. Circuits can be connected on three levels in a width of only 6 mm in a clear and space saving manner. Two independent terminal strips with disconnect elements and a jumpering system of the N conductor are available:

WDL 2.5/S...

N jumpering with the proven 10 x 3 mm busbar system up to 140 A. The busbar is fed by a separate clamping yoke (ZB 4-ZB 16) or an N disconnect terminal of the WNT-Series.

WDL 2.5...

N jumpering via the WQV 4 cross-connection system from the W-Series. The supply power is fed directly via a clamping yoke in the terminal.

WDL 2.5.../PE

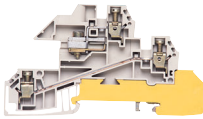
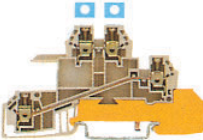
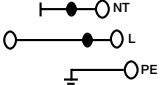
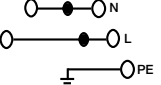



The PE conductor is connected at the lower level, in direct contact with the mounting rail which is used as a busbar. The phase connection is made in the middle level of the terminal.

WDL 2.5.../NT/...

The disconnectable N connection is connected to the 10x3 busbar at the upper level or, in the second version, with the WQV jumpering system. The individual levels are color coded to facilitate circuit assignment. If no N disconnection is required, additional three-way terminals with feed-throughs for the N conductor are available.

WDL 2.5/(S) N/L/PE

Three-phase circuits can be implemented by combining three-way terminals (L 1, N, PE) and WDL 2.5/(S)/L/L two-way terminals (L 2, L 3).

		WDL 2.5/S/NT/L/PE	WDL 2.5/S/N/L/PE
			
			
Available Options	Version		
Yellow-Green/Blue/Dark Beige Wemid	1030600000		1030700000
Yellow-Green/Dark Beige Wemid	(NT connection coded blue)		(N connection coded blue)
Blue/Dark Beige Wemid	(PE colored yellow-green)		(PE colored yellow-green)
Dark Beige Wemid			
Dimensions			
Width / Length / Height mm (in.) with TS 35 x 7.5	6/84.5/48.7 (.24/3.33/1.92)	6/84.5/48.7 (.24/3.33/1.92)	
Insulation stripping length	mm (in.)	8 (.31)	8 (.31)
Technical Data			
Rated voltage / rated current / wire size	UL 300 V / 15 A / #22...12 AWG	300 V / 15 A / #22...12 AWG	300 V / 15 A / #22...12 AWG
	CSA 300 V / 10 A / #26...12 AWG	300 V / 10 A / #26...12 AWG	300 V / 10 A / #26...12 AWG
	VDE 380 VAC / 26 A / 2.5 mm ²	380 VAC / 26 A / 2.5 mm ²	380 VAC / 26 A / 2.5 mm ²
Torque	Nm (lb. in.)	0.8 (7.0)	0.8 (7.0)
Clamping screw	M	2.5	2.5
End Plate		Type	Part No.
		WAP WDL 2.5/S	1067700000
		WAP WDL 2.5/S	1067700000
Support Plate			
	WHP for 10 x 3 SSch Blue Wemid	WHP WDL 2.5/S	1067980000
	Thickness 1.5 mm		
Small Partition			
		TSch 1	0319160000
		TSch 1	0319160000
Jumpers	Note: Final number in model indicates no. of poles (e.g. Q 2 = 2 poles). For additional information, see Accessories section.		
		Q 2	1071500000
		Q 3	1071600000
		Q 4	1071700000
		Q 10	1071800000
		Q 20	1074200000
		Q 2	1071500000
		Q 3	1071600000
		Q 4	1071700000
		Q 10	1071800000
		Q 20	1074200000
Busbar			
		SSch 10x3 Cu	0348900000
		SSch 10x3 Brass	0259800000
Clamping Yoke			
		ZB 4 K	0475380000
		ZBE 6 K	0525980000
		ZB 16 K	0502880000
		ZB 35 K	0502680000
N Disconnect Terminals			
As supply terminals, see page 145.		WNT 2.5	1010680000
		WNT 4	1010780000
		WNT 6	1010880000
		WNT 10	1010980000
Marking Tags	Print		
Note: Part numbers shown are for a single card of pre-printed tags numbered 1-50. For additional information, see Accessories section.	Consecutive horizontal	DEK 5/6	0468660001
	Consecutive vertical	DEK 5/6	0468760001

See Accessories section for mounting rails, end brackets, additional marking material and accessories.