

**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 6mm 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 10x3mm 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).

**Terminals/Accessories**

**Dimensions**

Width/Length/Height mm (in.) With TS 35x7.5

Insulation stripping length mm (in.)

**Technical data**

Rated voltage/rated current/wire size UL 300V / 15A / #22...12 AWG  
CSA 300V / 10A / #26...12 AWG  
VDE 380VAC / 26A / 2.5mm<sup>2</sup>

Torque Nm (lb. in.) 0.8 (7.0)

Clamping screw M 2.5

**Ordering data**

**Version**

Yellow-green/blue/dark beige Wemid  
Yellow-green/dark beige Wemid  
Blue/dark beige Wemid  
Dark beige Wemid

**End plate**



**Support plate**



WHP for 10x3 SSch  
Blue Wemid

Thickness 1.5mm

**Small partition**



**Jumpers**

Final number indicates the number of poles. See Accessories Section (5) for additional pole numbers and information.

**Busbar**



**Clamping yoke**



**N disconnect terminals**

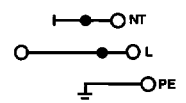
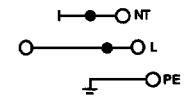
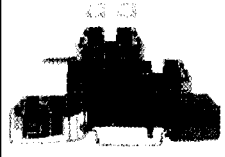
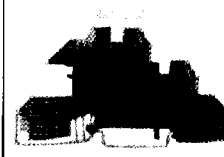
As supply terminals, see page 2/12.

**Marking tags**

Note: Part numbers are shown for a single card of pre-printed tags numbered 1-50. For additional information, see section 5.

Consecutive horizontal  
Consecutive vertical

**WDL 2.5/S/NT/L/PE**      **WDL 2.5/S/N/L/PE**



6/84.5/48.7 (.24"/3.33"/1.92")      6/84.5/48.7 (.24"/3.33"/1.92")

8 (.31")      8 (.31")

300V / 15A / #22...12 AWG      300V / 15A / #22...12 AWG  
300V / 10A / #26...12 AWG      300V / 10A / #26...12 AWG  
380VAC / 26A / 2.5mm<sup>2</sup>      380VAC / 26A / 2.5mm<sup>2</sup>

0.8 (7.0)      0.8 (7.0)

2.5      2.5

**103060**      **103070**  
(NT connection coded blue)      (N connection coded blue)

| Type          | Cat. No.      | Type          | Cat. No.      |
|---------------|---------------|---------------|---------------|
| WAP WDL 2.5/S | <b>106770</b> | WAP WDL 2.5/S | <b>106770</b> |

|               |               |  |  |
|---------------|---------------|--|--|
| WHP WDL 2.5/S | <b>106798</b> |  |  |
|---------------|---------------|--|--|

|        |              |        |              |
|--------|--------------|--------|--------------|
| TSch 1 | <b>31916</b> | TSch 1 | <b>31916</b> |
|--------|--------------|--------|--------------|

|      |               |      |               |
|------|---------------|------|---------------|
| Q 2  | <b>107150</b> | Q 2  | <b>107150</b> |
| Q 3  | <b>107160</b> | Q 3  | <b>107160</b> |
| Q 4  | <b>107170</b> | Q 4  | <b>107170</b> |
| Q 10 | <b>107180</b> | Q 10 | <b>107180</b> |
| Q 20 | <b>107420</b> | Q 20 | <b>107420</b> |

|                 |              |  |  |
|-----------------|--------------|--|--|
| SSch 10x3 Cu    | <b>34890</b> |  |  |
| SSch 10x3 Brass | <b>25980</b> |  |  |

|          |              |  |  |
|----------|--------------|--|--|
| ZB 4 K   | <b>47538</b> |  |  |
| ZBE 6 K  | <b>52598</b> |  |  |
| ZB 16 K  | <b>50288</b> |  |  |
| ZB 35 K4 | <b>50268</b> |  |  |

|         |               |  |  |
|---------|---------------|--|--|
| WNT 2.5 | <b>101068</b> |  |  |
| WNT 4   | <b>101078</b> |  |  |
| WNT 6   | <b>101088</b> |  |  |
| WNT 10  | <b>101098</b> |  |  |

|      |                  |      |                  |
|------|------------------|------|------------------|
| FW 6 | <b>468660001</b> | FW 6 | <b>468660001</b> |
| FS 6 | <b>468760001</b> | FS 6 | <b>468760001</b> |

**See Section 5 for mounting rails, end brackets, additional marking material and accessories**

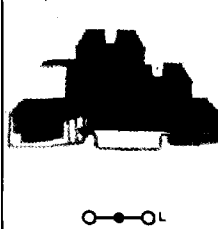
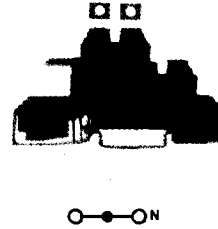
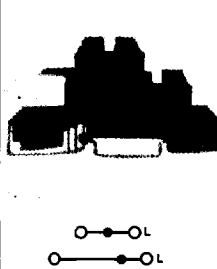
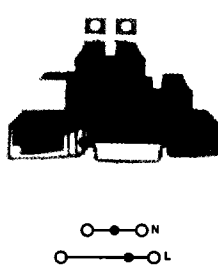
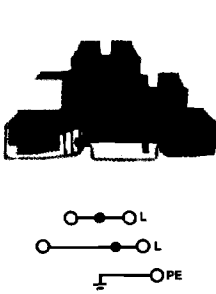
**WDL 2.5/S/L/L/PE**

**WDL 2.5/S/N/L**

**WDL 2.5/S/L/L**

**WDL 2.5/S/N**

**WDL 2.5/S/L**



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0.8 (7.0)

2.5

2.5

2.5

2.5

2.5



103110

(N connection coded blue)

103080

103120

103090

Type Cat. No.

Type Cat. No.

Type Cat. No.

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WAP WDL 2.5/S 106770

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TSch 1 31916

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Q 2 107150

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Q 2 107150

Q 3 107160

Q 3 107160

Q 3 107160

Q 3 107160

Q 3 107160

Q 4 107170

Q 4 107170

Q 4 107170

Q 4 107170

Q 4 107170

Q 10 107180

Q 10 107180

Q 10 107180

Q 10 107180

Q 10 107180

Q 20 107420

Q 20 107420

Q 20 107420

Q 20 107420

Q 20 107420

FW 6 468660001

FW 6 468660001

FW 6 468660001

FW 6 468660001

FW 6 468660001

FS 6 468760001

FS 6 468760001

FS 6 468760001

FS 6 468760001

FS 6 468760001

\*Pending