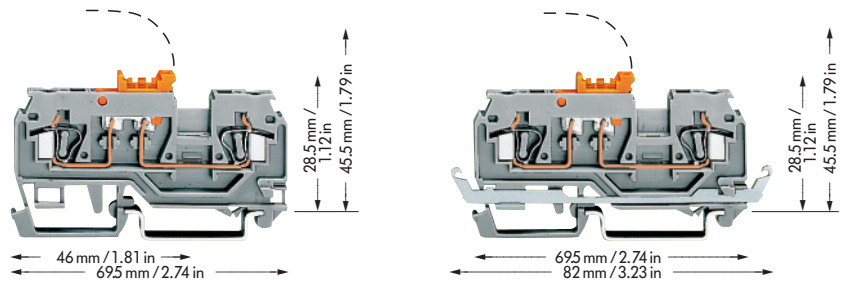


# Disconnect Terminal Blocks for Test and Measurement with Knife Disconnect 2.5 mm<sup>2</sup> / AWG 12, Series 280

|   |  |   |  |
|---|--|---|--|
| <p>0.08 – 2.5 mm<sup>2</sup><br/>400 V/6 kV/3 ①<br/>16 A</p> <p>Terminal block width 5 mm / 0.197 in<br/>8 – 9 mm / 0.33 in</p> <p>* </p> | <p>AWG 28 – 12<br/>600 V, 15 A <br/>300 V, 15 A </p> | <p>0.08 – 2.5 mm<sup>2</sup><br/>250 V/4 kV/3 ①<br/>16 A</p> <p>Terminal block width 5 mm / 0.197 in<br/>8 – 9 mm / 0.33 in</p> <p>* </p> | <p>AWG 28 – 12<br/>600 V, 15 A <br/>300 V, 15 A </p> |
|---|--|---|--|

- ① 400/250 V = rated voltage  
6/4 kV = rated surge voltage  
3 = pollution degree  
(see also section 15)
- ② Suitable for EEx i applications
- ③ See application notes on pages 2.38 – 2.45



| Description  | Item No.   | Pack. unit pcs | Item No.   | Pack. unit pcs |
|--|--|----------------|--|----------------|
| <b>Disconnect terminal block for test and measurement with knife disconnect, with test plug Ø 2 mm/0.079 in and Ø 2.3 mm/0.091 in, for DIN 35 rail</b> | <b>2-cond. disc. term. blocks for test and measur.</b> |                | <b>2-conductor disconnect terminal blocks for test and measurement with shield (screen) connection</b> |                |
|  | term. block  | knife          | term. block  | knife          |
|  | housing  | disconnect     | housing  | disconnect     |
|  | grey   | orange         | 280-870  | 100            |
|  | orange   | orange         | 280-879  | 100            |
| grey   | grey   | 280-868        | 100  |                |
| blue   | orange   | 280-876        | 100  |                |
| orange   | orange   | 280-879        | 100  |                |
| grey   | orange   | 280-871        | 50   |                |
| grey   | grey   | 280-869        | 50   |                |
| orange   | orange   | 280-880        | 50   |                |

## Accessories

Appropriate marking system **WMB/WSB or Miniature WSB** (see section 14)

|  |   |                         |                            |              |                         |             |                            |         |              |
|--|---|-------------------------|----------------------------|--------------|-------------------------|-------------|----------------------------|---------|--------------|
|  | <b>End and intermediate plate</b>   | 2.5 mm / 0.098 in thick |                            |              | 2.5 mm / 0.098 in thick |             |                            |         |              |
|  |   | orange                  | 280-371                    | 100 (4 x 25) | orange                  | 280-371     | 100 (4 x 25)               |         |              |
|  |   | grey                    | 280-374                    | 100 (4 x 25) | grey                    | 280-374     | 100 (4 x 25)               |         |              |
|  | <b>Screwless end stop</b>   | 6 mm / 0.236 in wide    |                            |              | 6 mm / 0.236 in wide    |             |                            |         |              |
|  |   | orange                  | 249-116                    | 100 (4 x 25) | orange                  | 249-116     | 100 (4 x 25)               |         |              |
|  |   | 10 mm / 0.394 in wide   |                            |              | 10 mm / 0.394 in wide   |             |                            |         |              |
|  |   | orange                  | 249-117                    | 50 (2 x 25)  | orange                  | 249-117     | 50 (2 x 25)                |         |              |
|  | <b>Insulation stop ③</b> ,<br>5 pcs/strip   | white                   | 0.08 – 0.2 mm <sup>2</sup> | 280-470      | 200 strips              | white       | 0.08 – 0.2 mm <sup>2</sup> | 280-470 | 200 strips   |
|  |   | light grey              | 0.25 – 0.5 mm <sup>2</sup> | 280-471      | 200 strips              | light grey  | 0.25 – 0.5 mm <sup>2</sup> | 280-471 | 200 strips   |
|  |   | dark grey               | 0.75 – 1 mm <sup>2</sup>   | 280-472      | 200 strips              | dark grey   | 0.75 – 1 mm <sup>2</sup>   | 280-472 | 200 strips   |
|  | <b>Adjacent jumper, insulated</b>   | I <sub>N</sub> 24 A     |                            |              | I <sub>N</sub> 24 A     |             |                            |         |              |
|  |   | grey                    | 280-402                    | 200 (8 x 25) | grey                    | 280-402     | 200 (8 x 25)               |         |              |
|  |   | yellow-green            | 280-422                    | 200 (8 x 25) | yellow-green            | 280-422     | 200 (8 x 25)               |         |              |
|  | <b>Staggered jumper ③</b> ,<br>insulated,<br>width 5 mm/0.197 in  | from 1 to 2             | I <sub>N</sub> 24 A        | 780-452      | 100 (4 x 25)            | from 1 to 2 | I <sub>N</sub> 24 A        | 780-452 | 100 (4 x 25) |
|  |   | from 1 to 3             |                            | 780-453      | 100 (4 x 25)            | from 1 to 3 |                            | 780-453 | 100 (4 x 25) |
|  |   | from 1 to 4             |                            | 780-454      | 100 (4 x 25)            | from 1 to 4 |                            | 780-454 | 100 (4 x 25) |
|  |   | from 1 to 5             |                            | 780-455      | 50 (2 x 25)             | from 1 to 5 |                            | 780-455 | 50 (2 x 25)  |
|  |   | :                       | :                          | 780-458      | 50 (2 x 25)             | :           | :                          | 780-458 | 50 (2 x 25)  |
|  | <b>Comb type jumper bar ③</b> ,<br>insulated,<br>I <sub>N</sub> = I <sub>N</sub> of terminal block        | 2-way                   |                            |              | 2-way                   |             |                            |         |              |
|  |   | orange                  | 280-482                    | 200 (8 x 25) | orange                  | 280-482     | 200 (8 x 25)               |         |              |
|  |   | grey                    | 280-483                    | 200 (8 x 25) | grey                    | 280-483     | 200 (8 x 25)               |         |              |
|  |   | 10-way                  |                            |              | 10-way                  |             |                            |         |              |
|  |   | orange                  | 280-490                    | 50 (2 x 25)  | orange                  | 280-490     | 50 (2 x 25)                |         |              |
|  | <b>Alternate comb type jumper bar ③</b> ,<br>insulated, I <sub>N</sub> = I <sub>N</sub> of terminal block | 2-way                   |                            |              | 2-way                   |             |                            |         |              |
|  |   | orange                  | 280-492                    | 200 (8 x 25) | orange                  | 280-492     | 200 (8 x 25)               |         |              |
|  | <b>Operating tool, insulated</b>  | 2-way                   |                            |              | 2-way                   |             |                            |         |              |
|  |   | orange                  | 280-432                    | 1            | orange                  | 280-432     | 1                          |         |              |
|  |   | grey                    | 280-433                    | 1            | grey                    | 280-433     | 1                          |         |              |
|  |   | 10-way                  |                            |              | 10-way                  |             |                            |         |              |
|  |   | orange                  | 280-440                    | 1            | orange                  | 280-440     | 1                          |         |              |
|  | <b>Protective warning marker, for 5 terminal blocks, fits into screwdriver slot</b>                       | yellow                  |                            |              | yellow                  |             |                            |         |              |
|  |   | orange                  | 280-415                    | 100 (4 x 25) | orange                  | 280-415     | 100 (4 x 25)               |         |              |
|  | <b>Test plug, w. cable 500 mm/1'77"</b>   | 2 mm / 0.079 in Ø       |                            |              | 2 mm / 0.079 in Ø       |             |                            |         |              |
|  |   | red                     | 210-136                    | 50 (5 x 10)  | red                     | 210-136     | 50 (5 x 10)                |         |              |
|  |   | 2.3 mm / 0.091 in Ø     |                            |              | 2.3 mm / 0.091 in Ø     |             |                            |         |              |
|  |   | red                     | 210-137                    | 50 (5 x 10)  | red                     | 210-137     | 50 (5 x 10)                |         |              |
|  |   | yellow                  | 210-137                    | 50 (5 x 10)  | yellow                  | 210-137     | 50 (5 x 10)                |         |              |

\* For further approvals with corresponding ratings see section 15.