

## UW 25/S


Order No.: 3073377



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3073377>

Feed-through terminal block, Connection method: Screw connection,  
Load current : 125 A, Cross-section: 6 mm<sup>2</sup> - 35 mm<sup>2</sup>, Connection  
direction of the conductor to plug-in direction: 0 °, Width: 15.1 mm,  
Color: gray

### Commercial data

|                          |  |
|--------------------------|--|
| GTIN (EAN)               | <br>4 046356 344623 |
| sales group              | A420   |
| Pack                     | 25 pcs.  |
| Customs tariff           | 85369010   |
| Catalog page information | Page 52 (NTK-2010)   |

### Product notes

WEEE/RoHS-compliant since:  
02/19/2008



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

### Technical data

#### General

|                       |      |
|-----------------------|------|
| Number of levels      | 1    |
| Number of connections | 2    |
| Color                 | gray |

|                                    |    |
|------------------------------------|----|
| Insulating material                | PA |
| Inflammability class acc. to UL 94 | V0 |

**Dimensions**

|       |         |
|-------|---------|
| Width | 15.1 mm |
|-------|---------|

**Technical data**

|                                  |                         |
|----------------------------------|-------------------------|
| Maximum load current             | 125 A                   |
| Rated surge voltage              | 6 kV                    |
| Pollution degree                 | 3                       |
| Surge voltage category           | III                     |
| Insulating material group        | I                       |
| Connection in acc. with standard | IEC 60947-7-1           |
| Nominal current $I_N$            | 101 A                   |
| Nominal voltage $U_N$            | 800 V with spacer plate |

**Connection data**

|   |                     |
|---|---------------------|
| Conductor cross section solid min.  | 6 mm <sup>2</sup>   |
| Conductor cross section solid max.  | 35 mm <sup>2</sup>  |
| Conductor cross section stranded min.   | 10 mm <sup>2</sup>  |
| Conductor cross section stranded max.   | 25 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.  | 10                  |
| Conductor cross section AWG/kcmil max   | 2                   |
| Conductor cross section stranded, with ferrule without plastic sleeve min.            | 4 mm <sup>2</sup>   |
| Conductor cross section stranded, with ferrule without plastic sleeve max.            | 25 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min.               | 4 mm <sup>2</sup>   |
| Conductor cross section stranded, with ferrule with plastic sleeve max.               | 25 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid min.                                      | 2.5 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.                                      | 10 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded min.                                   | 4 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded max.                                   | 10 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 2.5 mm <sup>2</sup> |

|   |                     |
|---|---------------------|
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 10 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 2.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 10 mm <sup>2</sup>  |
| Connection method   | Screw connection    |
| Stripping length  | 19 mm               |
| Internal cylindrical gage   | B 7                 |
| Screw thread  | M5                  |
| Tightening torque, min  | 4 Nm                |
| Tightening torque max   | 4.5 Nm              |

### Certificates / Approvals



Certification

UL

### Accessories

| Item           | Designation | Description                |
|----------------|-------------|----------------------------|
| <b>General</b> |             |                            |
| 3074402        | DP-UW 25    | Spacer plate, Color: gray  |
| 3074075        | POT-UW 25   | Sealing plate, Color: gray |
| 3074541        | UW 25-F     | Flange cover, Color: gray  |

### Marking

|         |                  |  |
|---------|------------------|--|
| 0828295 | TMT (EX9,5)R     | Terminal marking with 9.5 mm strip height, continuous, without color print, for all terminals with ZB or ZBF groove, can be labeled using a thermal transfer printer, 1 roll = 50 m                                |
| 0816605 | TMT 100 R        | Marker for terminal blocks, unperforated, unprinted, for all terminal blocks with ZB or ZBF groove, can be labeled with thermal transfer printer, 1 roll = 1000 strips, strip height: 6.4 mm, strip width 101.5 mm |
| 0811972 | ZB 15:UNBEDRUCKT | Zack marker strip, unprinted: 5-section, for individual labeling with M-PEN, ZB-T or CMS system, sufficient for 100 terminal blocks, for a terminal width of 15 mm, color: White                                   |

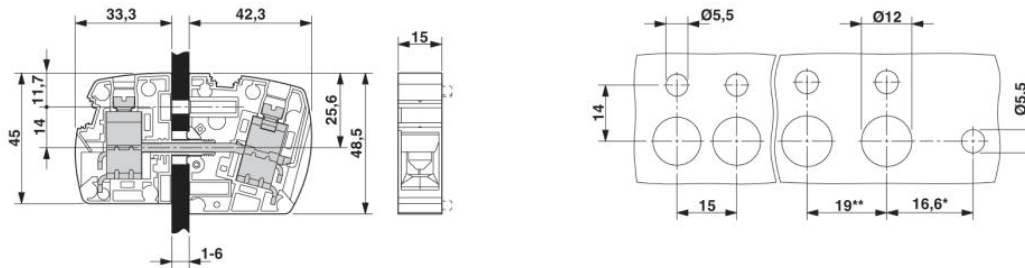
|         |                   |   |
|---------|-------------------|---|
| 0811202 | ZBF 15:UNBEDRUCKT | Zack strip, flat, unprinted, 5-section, divisible, for labeling by the customer |
|---------|-------------------|---|

**Tools**

|         |                 |  |
|---------|-----------------|--|
| 1205079 | SZS 1,0X6,5 VDE | Screwdriver, bladed, VDE insulated, size: 1.0 x 6.5 x 150 mm, 2-component grip, with non-slip grip |
|---------|-----------------|--|

**Diagrams/Drawings**

Dimensioned drawing



**Address**

PHOENIX CONTACT Inc., USA  
586 Fulling Mill Road  
Middletown, PA 17057, USA  
Phone (800) 888-7388  
Fax (717) 944-1625  
<http://www.phoenixcon.com>



© 2011 Phoenix Contact  
Technical modifications reserved;