

## UW 25


Order No.: 3073364



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3073364>

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)	
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>  
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### 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
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**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

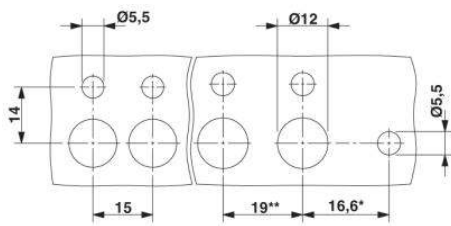
0811202	ZBF 15:UNBEDRUCKT	Zack strip, flat, unprinted, 5-section, divisible, for labeling by the customer
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**Tools**

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
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**Diagrams/Drawings**

Dimensioned drawing



\* Only when using the **UW...□F** flange plate

\*\* Dimensions when using the **DP-UW...** spacer plate

**Address**

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