

## UW 16


Order No.: 3073348



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3073348>

Feed-through terminal block, Connection method: Screw connection,  
Load current : 101 A, Cross-section: 6 mm<sup>2</sup> - 25 mm<sup>2</sup>, Connection  
direction of the conductor to plug-in direction: 0 °, Width: 12.1 mm,  
Color: gray

### Commercial data

GTIN (EAN)	 4 046356 344593
sales group	A420
Pack	50 pcs.
Customs tariff	85369010
Catalog page information	Page 50 (NTK-2010)

### Product notes

WEEE/RoHS-compliant since:  
02/07/2008



[http://  
www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)  
Please note that the data given  
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online catalog. For comprehensive  
information and data, please refer  
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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
<b>Dimensions</b>	
Width	12.1 mm
<b>Technical data</b>	
Maximum load current	101 A (with 25 mm <sup>2</sup> conductor cross section)
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 <sub>N</sub>	76 A
Nominal voltage U <sub>N</sub>	800 V with spacer plate
<b>Connection data</b>	
Conductor cross section solid min.	6 mm <sup>2</sup>
Conductor cross section solid max.	25 mm <sup>2</sup>
Conductor cross section stranded min.	6 mm <sup>2</sup>
Conductor cross section stranded max.	16 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	10
Conductor cross section AWG/kcmil max	4
Conductor cross section stranded, with ferrule without plastic sleeve min.	6 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	6 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	16 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.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	4 mm <sup>2</sup>

2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm <sup>2</sup>
Connection method	Screw connection
Stripping length	16 mm
Internal cylindrical gage	B 7
Screw thread	M5
Tightening torque, min	2.5 Nm
Tightening torque max	3 Nm

### Certificates / Approvals



Certification

UL

### Accessories

Item	Designation	Description
<b>General</b>		
3074392	DP-UW 16	Spacer plate, Color: gray
3074538	UW 16-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
0819194	UC-TM 12	UniCard materials for labeling terminal blocks with a marker groove, 40-section, can be labeled with BLUEMARK X1 and CMS-P1-PLOTTER, color: white

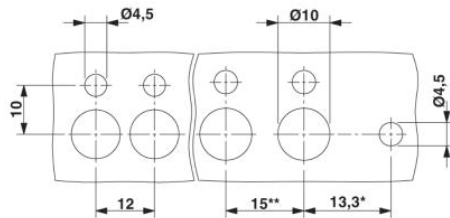
0819233	UC-TMF 12	UniCard sheets, for labeling terminal blocks using a flat Zack marker strip groove, 40-section, can be labeled with BLUEMARK X1 and CMS-P1-PLOTTER, color: White
0812120	ZB 12:UNPRINTED	Zack marker strip without color print: 5-section, for individual labeling with B-STIFT, ZB-T or CMS system, sufficient for labeling 50 terminal blocks per pack
0809735	ZBF 12:UNBEDRUCKT	Zack strip, flat, unprinted, 5-section, divisible, for labeling by the customer

**Tools**

1205066	SZS 1,0X4,0 VDE	Screwdriver, bladed, VDE insulated, size: 1.0 x 4.0 x 100 mm, 2-component grip, with non-slip grip
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**Diagrams/Drawings**

Dimensioned drawing



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