



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## 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

**Dimensions**

Width	12.1 mm
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**Technical data**

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

**Connection data**

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



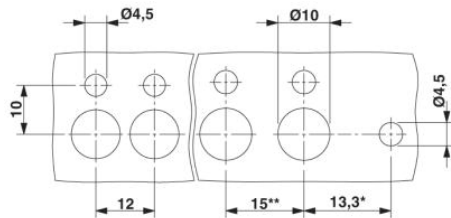
0819233	UC-TMF 12	UniCard sheets, for labeling terminal blocks using a flat Zack marker strip groove, 40-section, can be labeled with BLUEMARK X1 and CMS-P1-PLOTTER, color: White
0812120	ZB 12:UNPRINTED	Zack marker strip without color print: 5-section, for individual labeling with B-STIFT, ZB-T or CMS 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



**Address**

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