

# Panel feed-through terminal block - UW 16-POT/S - 3073490

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Panel feed-through terminal block, Connection method: Screw connection, Cable lug connection, Load current : 101 A, Cross section: 6 mm<sup>2</sup> - 25 mm<sup>2</sup>, AWG 10 - 4, Connection direction of the conductor to plug-in direction: 0 °, Width: 12.1 mm, Color: gray

## Why buy this product

- Easy grouping with engagement pin versions
- Both terminal halves can be easily assembled by simply snapping them together
- Molded versions ensure maximum tightness of seal
- Touch-proof insulating housing in a new design
- Spacer plates increase clearances and creepage distances
- Universal screw connection with screw locking
- Automatic compensation of the panel thickness via the snap principle integrated in the insulation housing



## Key commercial data

Packing unit	50 pc
GTIN	4 046356 344661
Weight per Piece (excluding packing)	29.3 g
Custom tariff number	85369010
Country of origin	China
Note	Made to Order (non-returnable)

## Technical data

### General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0
Maximum load current	101 A (with 25 mm <sup>2</sup> conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3

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## Technical data

### General

Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current $I_N$	76 A
Nominal voltage $U_N$	800 V (with spacer plate)
Open side panel	nein
Number of positions	1

### Dimensions

Width	12.1 mm
Plate thickness	1 mm ... 6 mm

### Connection data

Note	Terminal sleeve
Connection side	Outside
Connection method	Screw connection
Note	Note: Product releases, connection cross sections and notes on connecting aluminum cables can be found in the download area.
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>
Stripping length	16 mm
Internal cylindrical gage	B7

## Panel feed-through terminal block - UW 16-POT/S - 3073490

### Technical data

#### Connection data

Screw thread	M5
Tightening torque, min	2 Nm
Tightening torque max	2.3 Nm
Connection side	Inside
Connection method	Cable lug connection

### Classifications

#### eCl@ss

eCl@ss 4.0	27141131
eCl@ss 4.1	27141131
eCl@ss 5.0	27141134
eCl@ss 5.1	27141134
eCl@ss 6.0	27141134
eCl@ss 7.0	27141134

#### ETIM

ETIM 2.0	EC001283
ETIM 3.0	EC001283
ETIM 4.0	EC001283
ETIM 5.0	EC001283

#### UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

### Approvals

#### Approvals

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Approvals

UL Recognized / EAC

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Ex Approvals

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Approvals submitted

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## Approvals

### Approval details

UL Recognized		
	B	C
mm <sup>2</sup> /AWG/kcmil	10-4	10-4
Nominal current I <sub>N</sub>	85 A	85 A
Nominal voltage U <sub>N</sub>	600 V	600 V

EAC
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## Accessories

### Accessories

#### Flange

Flange cover - UW 16-F - 3074538



Flange cover, Color: gray

#### Partition plate

Spacer plate - DP-UW 16 - 3074392



Spacer plate, Color: gray

### Screwdriver tools

Screwdriver - SZS 1,0X4,0 VDE - 1205066



Screwdriver, slot-headed, VDE insulated, size: 1.0 x 4.0 x 100 mm, 2-component grip, with non-slip grip

## Terminal marking

## Panel feed-through terminal block - UW 16-POT/S - 3073490

### Accessories

#### Marker for terminal blocks - UC-TM 12 - 0819194



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 12 mm, Lettering field: 11.45 x 10.5 mm

#### Marker for terminal blocks - UC-TMF 12 - 0819233



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 12 mm, Lettering field: 11.45 x 5.1 mm

#### Zack marker strip - ZB 12:UNPRINTED - 0812120



Zack marker strip, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 12.2 mm, Lettering field: 12 x 10.5 mm

#### Zack Marker strip, flat - ZBF 12:UNBEDRUCKT - 0809735



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 12 mm, Lettering field: 5.15 x 12.15 mm

#### Marker for terminal blocks - TMT 100 R - 0816605



Marker for terminal blocks, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK X, THERMOMARK S1.1, THERMOMARK ROLL X1, Unperforated, Mounting type: Snap into universal marker groove, Snap into flat marker groove, Lettering field: 6.35 x 101.5 mm

## Panel feed-through terminal block - UW 16-POT/S - 3073490

### Accessories

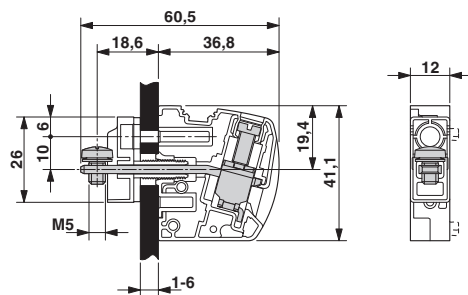
Marker for terminal blocks - TMT (EX9,5)R - 0828295



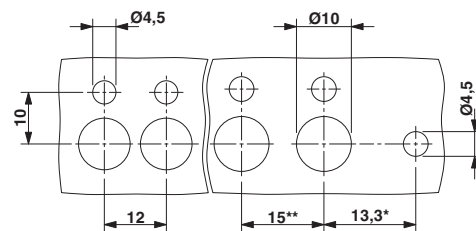
Marker for terminal blocks, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK X, THERMOMARK S1.1, Mounting type: Snap into universal marker groove, Snap into tall marker groove, Lettering field: 9.5 x 50000 mm

### Drawings

Dimensioned drawing



Dimensioned drawing



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

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