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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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## Panel feed-through terminal block - UWV 16-POT/S - 3073555

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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: 90 °, Width: 12.1 mm, Color: gray

### Product Features

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



### Key commercial data

Packing unit	1 pc
Custom tariff number	85369010
Country of origin	China

### 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 flexible min.	6 mm <sup>2</sup>
Conductor cross section flexible max.	16 mm <sup>2</sup>
Conductor cross section AWG min.	10
Conductor cross section AWG max.	4
Conductor cross section flexible, 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 flexible, with ferrule with plastic sleeve min.	6 mm <sup>2</sup>
Conductor cross section flexible, 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>

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## Technical data

### Connection data

Stripping length	16 mm
Internal cylindrical gage	B7
Screw thread	M5
Tightening torque, min	2.5 Nm
Tightening torque max	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
eCl@ss 8.0	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

# Panel feed-through terminal block - UWV 16-POT/S - 3073555

## Approvals

Ex Approvals

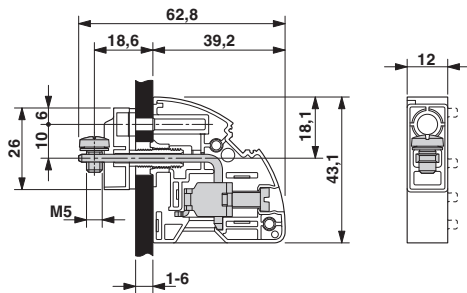
Approvals submitted

## Approval details

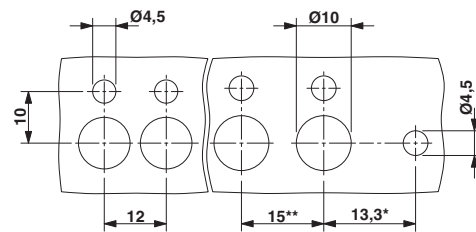
UL Recognized		
	B	C
mm <sup>2</sup> /AWG/kcmil	10-4	10-4
Nominal current I <sub>N</sub>	85 A	85 A
Nominal voltage U <sub>N</sub>	600 V	600 V
EAC		

## Drawings

Dimensional drawing



Dimensional drawing



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

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