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Especialistas en Automatización

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## Panel feed-through terminal block - UW 25-POT/S - 3073513

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Panel feed-through terminal block, Connection method: Screw connection, Cable lug connection, Load current : 125 A, Cross section: 6 mm<sup>2</sup> - 35 mm<sup>2</sup>, AWG 10 - 2, Connection direction of the conductor to plug-in direction: 0 °, Width: 15.1 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
- Automatic compensation of the panel thickness via the snap principle integrated in the insulation housing
- Universal screw connection with screw locking

### Key Commercial Data

Packing unit	25 STK
GTIN	 4 046356 344685

### Technical data

#### General

Number of levels	1
Number of connections	2
Nominal cross section	25 mm <sup>2</sup>
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum load current	125 A
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I <sub>N</sub>	101 A
Maximum load current	125 A

# Panel feed-through terminal block - UW 25-POT/S - 3073513

## Technical data

### General

Nominal voltage $U_N$	800 V
Open side panel	No
Number of positions	1

### Dimensions

Width	15.1 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.	35 mm <sup>2</sup>
Conductor cross section flexible min.	10 mm <sup>2</sup>
Conductor cross section flexible max.	25 mm <sup>2</sup>
Conductor cross section AWG min.	10
Conductor cross section AWG max.	2
Conductor cross section flexible, with ferrule without plastic sleeve min.	4 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	4 mm <sup>2</sup>
Conductor cross section flexible, 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>
Stripping length	19 mm
Internal cylindrical gage	B7
Screw thread	M5
Tightening torque, min	4 Nm
Tightening torque max	4.5 Nm
Connection side	Inside
Connection method	Cable lug connection

## Panel feed-through terminal block - UW 25-POT/S - 3073513

### Technical data

#### Connection data

Tightening torque, min	4 Nm
Tightening torque max	4.5 Nm

#### Standards and Regulations

Connection in acc. with standard	UL
	IEC 60947-7-1
Flammability rating according to UL 94	V0

### 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

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##### Ex Approvals


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## Panel feed-through terminal block - UW 25-POT/S - 3073513

### Approvals

Approvals submitted

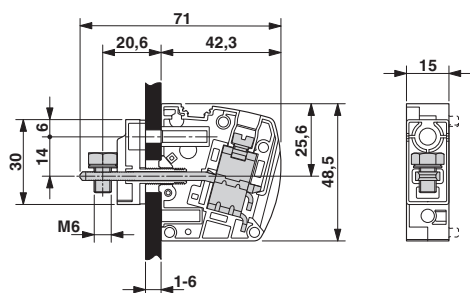
### Approval details

UL Recognized 		
	B	C
mm²/AWG/kcmil	10-2	10-2
Nominal current I <sub>N</sub>	112.5 A	112.5 A
Nominal voltage U <sub>N</sub>	600 V	600 V

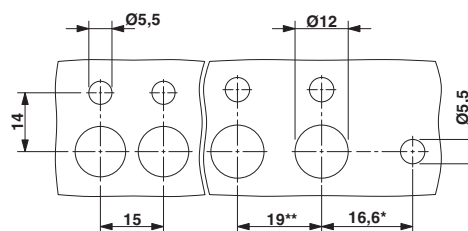
EAC
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### Drawings

Dimensional drawing



Dimensional drawing



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

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

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Product	Code	Reference	Product link
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