Panel feed-through terminal block - UW 25 - 3073364

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Panel feed-through terminal block, Connection method: Screw connection, Load current : 125 A, Cross section: 6 mm² - 35 mm², AWG 10 - 2, Connection direction of the conductor to plug-in direction: 0 °, Width: 15.1 mm, Color: gray

Product Features

- 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
- Universal screw connection with screw locking
- Spacer plates increase clearances and creepage distances
- Automatic compensation of the panel thickness via the snap principle integrated in the insulation housing

Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	61.6 g
Custom tariff number	85369010
Country of origin	China

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	25 mm²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum load current	125 A

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Technical data

General

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_N	101 A
Maximum load current	125 A
Nominal voltage U_N	800 V (with spacer plate)
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	Level 1 ext. 1
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 mm²
Conductor cross section solid max.	35 mm²
Conductor cross section flexible min.	10 mm²
Conductor cross section flexible max.	25 mm²
Conductor cross section AWG min.	10
Conductor cross section AWG max.	2
Conductor cross section flexible, with ferrule without plastic sleeve min.	4 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	4 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	25 mm²
2 conductors with same cross section, solid min.	2.5 mm²
2 conductors with same cross section, solid max.	10 mm²
2 conductors with same cross section, stranded min.	4 mm²
2 conductors with same cross section, stranded max.	10 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	2.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	10 mm²

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Technical data

Connection data

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	2.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	10 mm²
Stripping length	19 mm
Internal cylindrical gage	B7
Screw thread	M5
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

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Approvals

Approvals

Approvals

UL Recognized / EAC

Ex Approvals

Approvals submitted

Approval details

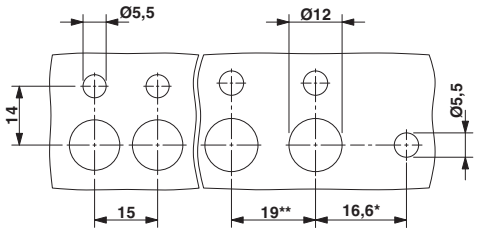
UL Recognized

	B	C
mm²/AWG/kcmil	10-2	10-2
Nominal current IN	112.5 A	112.5 A
Nominal voltage UN	600 V	600 V

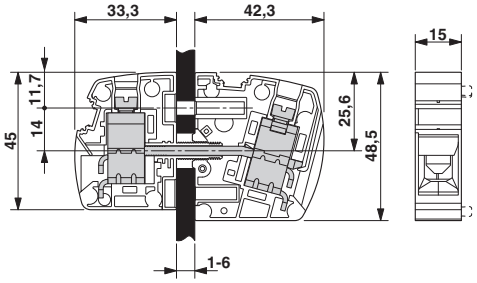
EAC

Drawings

Dimensional drawing



Dimensional drawing



* Only when using the UW...-F flange plate
** Dimensions when using the DP-UW... spacer plate