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Panel feed-through terminal block - UW 10-POT - 3073461

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Panel feed-through terminal block, Connection method: Screw connection, Solder connection, Load current : 76 A, Cross section: 0.5 mm² - 16 mm², AWG 20 - 6, Connection direction of the conductor to plug-in direction: 0 °, Width: 10.1 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
- 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	50 STK
GTIN	 4 046356 344630

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	10 mm ²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
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	57 A
Maximum load current	76 A
Nominal voltage U _N	500 V

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Technical data

General

Open side panel	No
Number of positions	1

Dimensions

Width	10.1 mm
Plate thickness	1 mm ... 4 mm

Connection data

Connection side	Outside
Connection method	Screw connection
Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	16 mm ²
Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	10 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	6
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	10 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	10 mm ²
2 conductors with same cross section, solid min.	0.5 mm ²
2 conductors with same cross section, solid max.	4 mm ²
2 conductors with same cross section, stranded min.	0.5 mm ²
2 conductors with same cross section, stranded max.	4 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm ²
Cross section with insertion bridge, solid max.	10 mm ²
Cross section with insertion bridge, stranded max.	10 mm ²
Stripping length	11 mm
Internal cylindrical gage	B6
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm
Connection side	Inside
Connection method	Solder connection

Standards and Regulations

Connection in acc. with standard	UL
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Technical data

Standards and Regulations

	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

Approvals

UL Recognized / EAC

Ex Approvals

Approvals submitted

Approval details

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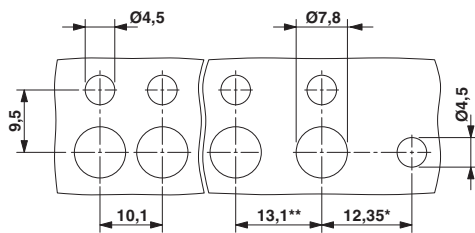
Approvals

UL Recognized			
	B	C	D
mm ² /AWG/kcmil	20-6	20-6	20-6
Nominal current I _N	65 A	65 A	5 A
Nominal voltage U _N	300 V	300 V	600 V

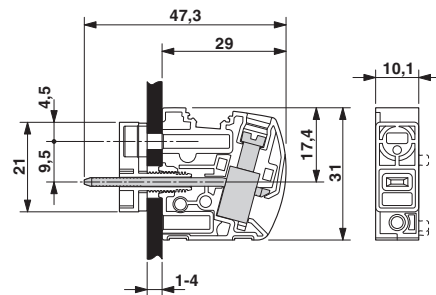
EAC

Drawings

Dimensional drawing



Dimensional drawing



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



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Product	Code	Reference	Product link
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