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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 mm² - 25 mm², AWG 10 - 4, Connection direction of the conductor to plug-in direction: 90 °, 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
- 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	50 STK
GTIN	4 046356 344791

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	16 mm²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum load current	101 A (with 25 mm² conductor cross section)
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	76 A
Maximum load current	101 A (with 25 mm² conductor cross section)

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Technical data

General

Nominal voltage U_N	800 V (with spacer plate)
Open side panel	No
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 mm²
Conductor cross section solid max.	25 mm²
Conductor cross section flexible min.	6 mm²
Conductor cross section flexible max.	16 mm²
Conductor cross section AWG min.	10
Conductor cross section AWG max.	4
Conductor cross section flexible, with ferrule without plastic sleeve min.	6 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	6 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	16 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.	2.5 mm²
2 conductors with same cross section, stranded max.	6 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	4 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	6 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm²
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

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Technical data

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

Approvals

UL Recognized / EAC

Ex Approvals

Approvals submitted

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Approvals

Approval details

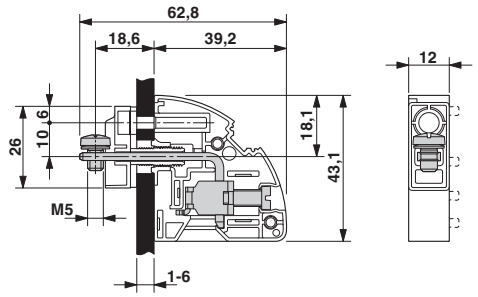
UL Recognized

	B	C
mm²/AWG/kcmil	10-4	10-4
Nominal current IN	85 A	85 A
Nominal voltage UN	600 V	600 V

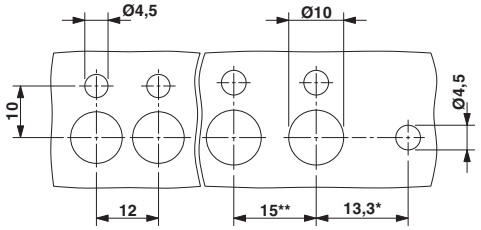
EAC

Drawings

Dimensional drawing



Dimensional drawing



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

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Product	Code	Reference	Product link
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