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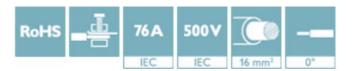


Panel feed-through terminal block, connection method: Screw connection, Cable lug connection, number of positions: 1, load current: 101 A, cross section: 6 mm<sup>2</sup> - 25 mm<sup>2</sup>, AWG 10 - 4, connection direction of the conductor to plug-in direction: 0 °, width: 12.1 mm, color: gray

The figure shows a 7-position version

#### Your advantages

- 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
- Matter Automatic compensation of the panel thickness via the snap principle integrated in the insulation housing
- ☑ Spacer plates increase clearances and creepage distances
- ☑ Well-known connection principle allows worldwide use
- ☑ Low temperature rise, thanks to maximum contact force
- ☑ Tool-free snap-in principle enables easy mounting on the device panel
- Automatic panel thickness compensation enables universal use
- Reliable seal even with low-viscosity molding compounds



## Key Commercial Data

Packing unit	50 pc
GTIN	4 046356 344654
GTIN	4046356344654

## Technical data

#### General

Number of levels	1
Number of connections	2
Nominal cross section	16 mm <sup>2</sup>



# Technical data

## General

Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum load current	101 A (with 25 mm <sup>2</sup> conductor cross section)
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	
Insulating material group	1
Connection in acc. with standard	IEC 60947-7-1
Nominal current I <sub>N</sub>	76 A
Maximum load current	101 A (with 25 mm <sup>2</sup> conductor cross section)
Nominal voltage U <sub>N</sub>	800 V (with spacer plate)
Open side panel	No
Number of positions	1

### Dimensions

Width	12.1 mm
Pitch	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 mm²
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 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	6 mm²
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 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	4 mm <sup>2</sup>



# Technical data

## Connection data

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>
Stripping length	16 mm
Internal cylindrical gage	B7
Screw thread	M5
Tightening torque, min	2 Nm
Tightening torque max	2.3 Nm
Connection side	inside
Connection method	Cable lug connection

### Standards and Regulations

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

### **Environmental Product Compliance**

China RoHS	Environmentally friendly use period: unlimited = EFUP-e	
	No hazardous substances above threshold values	

# Approvals

### Approvals

#### Approvals

#### CSA / EAC / cULus Recognized

#### Ex Approvals

## Approval details

CSA <b>()</b>	http://www.csagroup.org/services-industries/product-listing/ 2618381-158887	
	В	С
Nominal voltage UN	600 V	600 V
Nominal current IN	80 A	80 A
mm²/AWG/kcmil	10-4	10-4

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## Approvals

EAC ERC		B.01742
cULus Recognized http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-20100423		
	В	С
Nominal voltage UN	600 V	600 V
Nominal current IN	85 A	85 A
mm²/AWG/kcmil	10-4	10-4

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