

Panel feed-through terminal block - PWO 16-POT/S - 1705654


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Panel feed-through terminal block, Connection method: Push-in spring connection, Cable lug connection, Number of positions: 1, Load current : 76 A, Cross section: 1.5 mm² - 16 mm², AWG 14 - 4, Width: 12.1 mm, Color: gray

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 790857
GTIN	4046356790857
Weight per Piece (excluding packing)	29.200 g
Custom tariff number	85369010
Country of origin	China

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	16 mm ²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum load current	76 A
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I

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Technical data

General

Ambient temperature (operation)	-40 °C (Depending on the current carrying capacity/derating curve)
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 100 °C
Ambient temperature (actuation)	-5 °C ... 100 °C
Connection in acc. with standard	IEC 60947-7-1
Nominal current I _N	76 A
Maximum load current	76 A
Nominal voltage U _N	1000 V
Open side panel	No
Number of positions	1

Dimensions

Width	12.1 mm
Plate thickness	1 mm ... 6 mm

Connection data

Connection side	Outside
Connection method	Push-in spring connection
Conductor cross section solid min.	1.5 mm ²
Conductor cross section solid max.	16 mm ²
Conductor cross section flexible min.	1.5 mm ²
Conductor cross section flexible max.	16 mm ²
Conductor cross section AWG min.	14
Conductor cross section AWG max.	4
Conductor cross section flexible, with ferrule without plastic sleeve min.	1.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	16 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm ²
Stripping length	18 mm
Connection side	Inside
Connection method	Cable lug connection

Standards and Regulations

Connection in acc. with standard	UL
	IEC 60947-7-1

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Technical data

Standards and Regulations

Flammability rating according to UL 94	V0
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Environmental Product Compliance

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

Approvals


Approvals


Approvals


UL Recognized / VDE Gutachten mit Fertigungsüberwachung / EAC

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	
mm²/AWG/kcmil	14-4	14-4	
Nominal current I _N	66 A	66 A	
Nominal voltage U _N	600 V	600 V	

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx	40039989
mm²/AWG/kcmil	1.5-16		
Nominal current I _N	76 A		
Nominal voltage U _N	1000 V		

EAC		B.01742
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