

Panel feed-through terminal block - PW 4-POT-SCM - 3056938

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Panel feed-through terminal block, connection method: Push-in spring connection, Slip-on connection, number of positions: 1, load current: 18 A, cross section: 0.2 mm² - 4 mm², AWG 24 - 12, connection direction of the conductor to plug-in direction: 45 °, width: 8.1 mm, color: gray

The figure shows a 7-position version

Your advantages

- ✓ Easy grouping with engagement pin versions
- ✓ Tool-free wiring of conductors with ferrules or solid conductors from 0.34 mm²
- ✓ User-friendly Push-in connection
- ✓ Molded versions ensure maximum tightness of seal
- ✓ The integrated latch allows you to release connected conductors with any type of tool
- ✓ Time saving push-in connection, tools not required
- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Intuitive use through colour coded actuation lever
- ✓ 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	
GTIN	4046356485500

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	4 mm ²
Color	gray

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Technical data

General

Insulating material	PA
Flammability rating according to UL 94	V0
Maximum load current	20 A
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Ambient temperature (operation)	-40 °C ... 105 °C
Connection in acc. with standard	IEC 60947-7-1
Nominal current I_N	18 A
Maximum load current	18 A
Nominal voltage U_N	800 V
Open side panel	No
Number of positions	1

Dimensions

Width	8.1 mm
Pitch	8.1 mm
Plate thickness	1 mm ... 4 mm

Connection data

Connection side	outside
Connection method	Push-in spring connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	6 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 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.	1 mm ²
Stripping length	10 mm
Internal cylindrical gage	A4
Connection side	inside
Connection method	Slip-on connection
Slip-on connection	6.3 x 0.8 mm

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Technical data

Standards and Regulations

Connection in acc. with standard	CSA
	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 / cULus Recognized / EAC

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	2618381-158887
	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	30 A	30 A	5 A
mm ² /AWG/kcmil	24-10	24-10	24-10

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20100423
	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	30 A	30 A	5 A
mm ² /AWG/kcmil	24-10	24-10	24-10

EAC		B.01742
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