

## Panel feed-through terminal block - PW 4-POT-SCM/S - 3056941

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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 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG 24 - 12, Width: 8.1 mm, Color: gray

### Why buy this product

- Easy grouping with engagement pin versions
- Tool-free wiring of conductors with ferrules or solid conductors from 0.34 mm<sup>2</sup>
- 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



### Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	 4 046356 485517
GTIN	4046356485517
Weight per Piece (excluding packing)	9.200 g
Custom tariff number	85369010
Country of origin	China

### Technical data

#### General

Number of levels	1
Number of connections	2
Nominal cross section	4 mm <sup>2</sup>
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 <sub>N</sub>	18 A
Maximum load current	18 A
Nominal voltage U <sub>N</sub>	800 V
Open side panel	No
Number of positions	1

### Dimensions

Width	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 <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	6 mm <sup>2</sup>
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 <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm <sup>2</sup>
Stripping length	10 mm
Internal cylindrical gage	A4
Connection side	Inside

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## Technical data

### Connection data

Connection method	Slip-on connection
Slip-on connection	6.3 x 0.8 mm

### 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

UL Recognized / CSA

Ex Approvals

### Approval details

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
	B	C	D
mm <sup>2</sup> /AWG/kcmil	24-10	24-10	24-10
Nominal current I <sub>N</sub>	30 A	30 A	5 A
Nominal voltage U <sub>N</sub>	300 V	300 V	600 V

CSA		<a href="http://www.csagroup.org/services/testing-and-certification/certified-product-listing/">http://www.csagroup.org/services/testing-and-certification/certified-product-listing/</a>	13631
	B	C	D
mm <sup>2</sup> /AWG/kcmil	24-10	24-10	24-10
Nominal current I <sub>N</sub>	30 A	30 A	5 A

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### Approvals

	B	C	D
Nominal voltage UN	300 V	300 V	600 V