

PCB terminal block - SPT-SMD 1,5/10-V-3,5 R72 - 1824161

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The illustration shows the 10-position version

PCB terminal block, Nominal current: 13.5 A, Nom. voltage: 160 V, Pitch: 3.5 mm, Number of positions: 10, Connection method: Push-in spring connection, Mounting: SMD soldering, Conductor/PCB connection direction: 90 °, Color: black, Sample values available under SAMPLE SPT...

Why buy this product

- ✓ 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
- ✓ Designed for integration into the SMT soldering process
- ✓ Operation and conductor connection from one direction enable integration into front of device
- ✓ Quick and convenient testing using integrated test option
- ✓ Two soldering spots per position reduce the mechanical strain on the soldering spots



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	175 STK
GTIN	 4 046356 816267
GTIN	4046356816267
Weight per Piece (excluding packing)	7.780 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	7.7 mm
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Technical data

Dimensions

Pitch	3.5 mm
Dimension a	31.5 mm
Width	35.5 mm
Height	13.6 mm
Pin dimensions	0,7 x 0,3
Pin spacing	7 mm
Hole diameter	1.1 mm

General

Range of articles	SPT 1,5/..-V-SMD
Insulating material group	IIIa
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	13.5 A
Nominal cross section	1.5 mm ²
Insulating material	LCP
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	8 mm
Number of positions	10

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	1.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.2 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.2 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.75 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16

Standards and Regulations

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Technical data

Standards and Regulations

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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

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UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	D	
mm ² /AWG/kcmil	24-16	24-16	
Nominal current I _N	10 A	10 A	
Nominal voltage U _N	300 V	300 V	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	D	
mm ² /AWG/kcmil	24-16	24-16	
Nominal current I _N	10 A	10 A	
Nominal voltage U _N	300 V	300 V	

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Approvals

EAC		B.01742
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