

<https://www.phoenixcontact.com/cn/products/1719189>

PCB terminal block - SPT 5/ 1-H-7,5 - 1719189

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

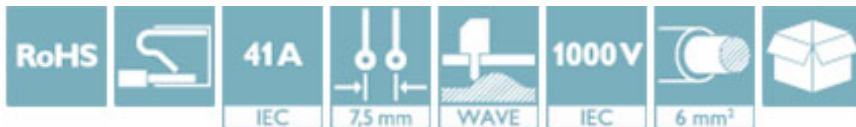


PCB terminal block, Nominal current: 41 A, Nom. voltage: 1000 V, Pitch: 7.5 mm, Number of positions: 1, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: green

The figure shows the standard product in green

Why buy this product

- ✓ Time saving push-in connection, tools not required
- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Clamping space opened by means of fixed screwdriver enables convenient conductor connection
- ✓ Operation and conductor connection from one direction enable integration into front of device



Key Commercial Data

Packing unit	50 STK
Minimum order quantity	50 STK
GTIN	 4 046356 141284
GTIN	4046356141284
Custom tariff number	8536909000
Sales Key	AABCAA

Technical data

Dimensions

Length	24.15 mm
Pitch	7.5 mm
Dimension a	0 mm
Width	9.3 mm
Constructional height	14.4 mm
Height	19 mm
Length of the solder pin	4.6 mm
Pin dimensions	1,7 x 0,8 mm

<https://www.phoenixcontact.com/cn/products/1719189>

PCB terminal block - SPT 5/ 1-H-7,5 - 1719189

Technical data

Dimensions

Pin spacing	13.2 mm
Hole diameter	2.1 mm

General

Range of articles	SPT 5/...-H
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	630 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	41 A
Nominal cross section	6 mm ²
Maximum load current	41 A
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	15 mm
Number of positions	1

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	6 mm ²
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
Conductor cross section AWG min.	24
Conductor cross section AWG max.	8
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

PCB terminal block - SPT 5/ 1-H-7,5 - 1719189

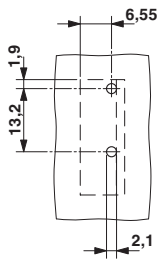
Technical data

Environmental Product Compliance

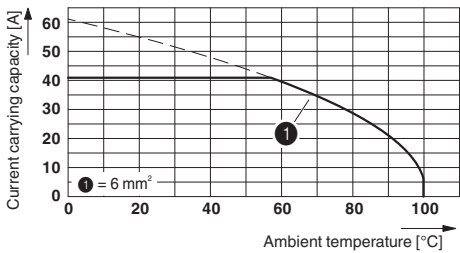
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram

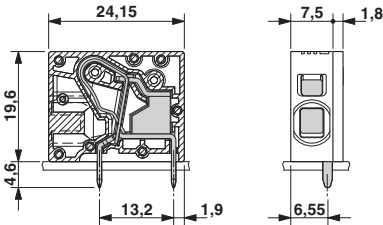


Diagram



Type: SPT 5/...-H-7,5-ZB
Test following DIN EN 60512-5-2:2003-01
Reduction factor = 1
No. of positions: 5

Dimensional drawing



Approvals

Approvals

Approvals
UL Recognized / SEV / cUL Recognized / CCA / IECEx CB Scheme / EAC / cULus Recognized

Ex Approvals

Approval details

<https://www.phoenixcontact.com/cn/products/1719189>

PCB terminal block - SPT 5/ 1-H-7,5 - 1719189

Approvals

UL Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425			
	B	C	D
mm ² /AWG/kcmil	24-8	24-8	24-8
Nominal current I _N	36 A	36 A	5 A
Nominal voltage U _N	300 V	150 V	600 V

SEV  https://www.electrosuisse.ch/en/meta/shop/product-certificates.html IK-3150	
mm ² /AWG/kcmil	6
Nominal current I _N	41 A
Nominal voltage U _N	450 V

cUL Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425			
	B	C	D
mm ² /AWG/kcmil	24-8	24-8	24-8
Nominal current I _N	36 A	36 A	5 A
Nominal voltage U _N	300 V	150 V	600 V

CCA IK-2956	
mm ² /AWG/kcmil	6
Nominal current I _N	41 A
Nominal voltage U _N	450 V

IECEE CB Scheme  http://www.iecee.org/ CH-7429		
mm ² /AWG/kcmil	6	
Nominal current I _N	41 A	
Nominal voltage U _N	450 V	

EAC 	B.01742
---	---------

<https://www.phoenixcontact.com/cn/products/1719189>



PCB terminal block - SPT 5/ 1-H-7,5 - 1719189

Approvals

cULus Recognized



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

Phoenix Contact 2017 © - all rights reserved
<http://www.phoenixcontact.com>