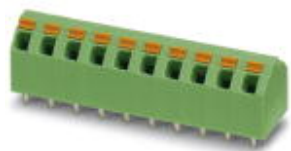


PCB terminal block - SPTA 1,5/ 2-5,08 - 1751163

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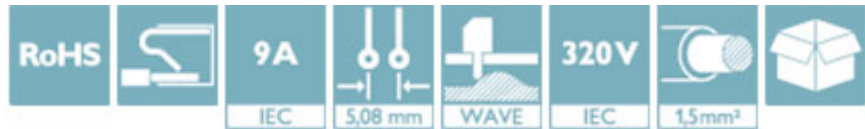
PCB terminal block, Nominal current: 9 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 2, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 45 °, Color: green



The illustration shows the 10-position version

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
- ✓ Angled connection enables multi-row arrangement on the PCB
- ✓ Quick and convenient testing using integrated test option
- ✓ Two solder pins reduce the mechanical strain on the soldering spots



Key Commercial Data

Packing unit	100 STK
Minimum order quantity	100 STK
GTIN	 4 046356 318105
GTIN	4046356318105
Custom tariff number	8536909000
Sales Key	AAABFA

Technical data

Dimensions

Pitch	5.08 mm
Dimension a	5.08 mm
Length of the solder pin	3.4 mm
Pin dimensions	0,6 x 1,0 mm
Pin spacing	7 mm
Hole diameter	1.1 mm

<https://www.phoenixcontact.com/cn/products/1751163>

PCB terminal block - SPTA 1,5/ 2-5,08 - 1751163

Technical data

General

Range of articles	SPTA 1,5/
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	9 A
Nominal cross section	1.5 mm ²
Maximum load current	9 A
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	10 mm
Number of positions	2

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.	0.25 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.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16

Standards and Regulations

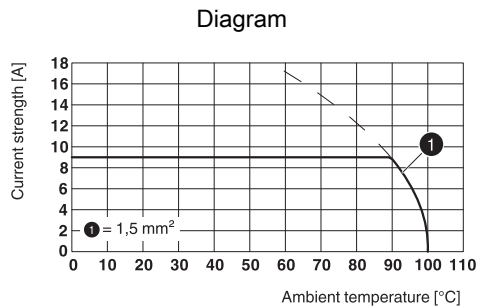
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

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

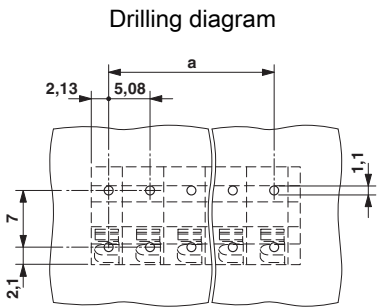
Drawings

PCB terminal block - SPTA 1,5/ 2-5,08 - 1751163

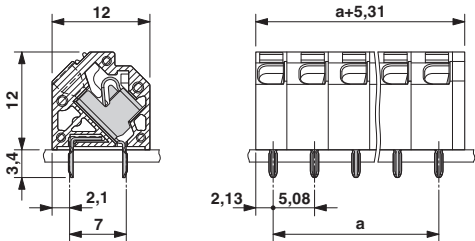


Type: SPTA 1,5/...-5,08
Tested according to DIN EN 60512-5-2:2003-01
Reduction factor = 1
Number of positions: 5

The front solder pin is for additional mechanical stability only; it does not have any electrical properties



Dimensional drawing



Approvals

Approvals

Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCEB Scheme / 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	
mm²/AWG/kcmil	26-16	26-16	
Nominal current I _N	10 A	10 A	
Nominal voltage U _N	300 V	300 V	

<https://www.phoenixcontact.com/cn/products/1751163>

PCB terminal block - SPTA 1,5/ 2-5,08 - 1751163

Approvals

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/ VDE-approved-products/Pages/Online-Search.aspx	40029329
mm ² /AWG/kcmil	0.2-1.5		
Nominal current I _N	9 A		
Nominal voltage U _N	250 V		

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	D	
mm ² /AWG/kcmil	26-16	26-16	
Nominal current I _N	10 A	10 A	
Nominal voltage U _N	300 V	300 V	

IECEE CB Scheme		http://www.iecee.org/	DE1-58146
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EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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