

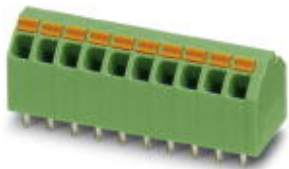
https://www.phoenixcontact.com/cn/products/1751477



## PCB terminal block - SPTA 1,5/ 2-3,81 - 1751477

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>)

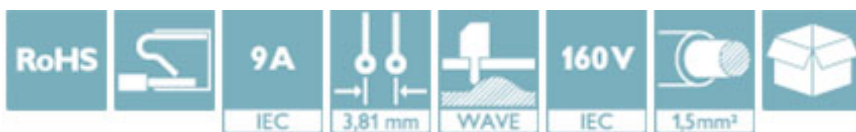
PCB terminal block, Nominal current: 9 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 2, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 45°, Color: green




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 318013
GTIN	4046356318013
Custom tariff number	8536909000
Sales Key	AAABFA

### Technical data

#### Dimensions

Length	12 mm
Pitch	3.81 mm
Dimension a	3.81 mm
Width	9.12 mm
Constructional height	12 mm
Height	15.4 mm

https://www.phoenixcontact.com/cn/products/1751477



## PCB terminal block - SPTA 1,5/ 2-3,81 - 1751477

### Technical data

#### Dimensions

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

#### General

Range of articles	SPTA 1,5/
Insulating material group	I
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 $I_N$	9 A
Nominal cross section	1.5 mm <sup>2</sup>
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 <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	1.5 mm <sup>2</sup>
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.	1.5 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.	1.5 mm <sup>2</sup>
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
------------	---

https://www.phoenixcontact.com/cn/products/1751477



# PCB terminal block - SPTA 1,5/ 2-3,81 - 1751477

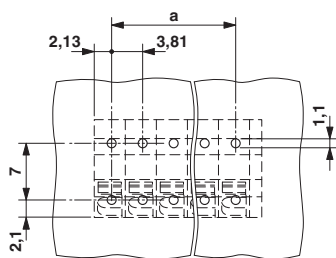
## Technical data

### Environmental Product Compliance

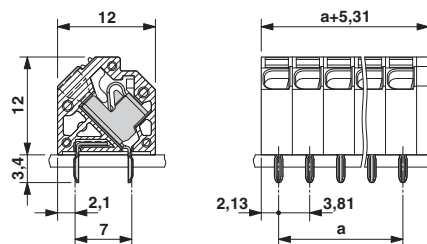
	No hazardous substances above threshold values
--	--

## Drawings

Drilling diagram



Dimensional drawing



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

## Approvals

### Approvals

#### Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCE CB Scheme / EAC / cULus Recognized

#### 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
mm <sup>2</sup> /AWG/kcmil			26-16
Nominal current I <sub>N</sub>			10 A
Nominal voltage U <sub>N</sub>			300 V

VDE Gutachten mit Fertigungsüberwachung		<a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx</a>	40029329
mm <sup>2</sup> /AWG/kcmil			0.2-1.5
Nominal current I <sub>N</sub>			9 A


<https://www.phoenixcontact.com/cn/products/1751477>




## PCB terminal block - SPTA 1,5/ 2-3,81 - 1751477


### Approvals

Nominal voltage UN	130 V
--------------------	-------

cUL 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	
mm²/AWG/kcmil		26-16	
Nominal current IN		10 A	
Nominal voltage UN		300 V	

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-58146
-----------------	---	---	-----------

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

cULus 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>	
------------------	---	---	--

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