PCB terminal block - SPTA 1,5/ 4-3,81 - 1751493

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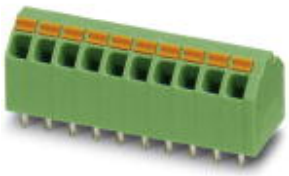
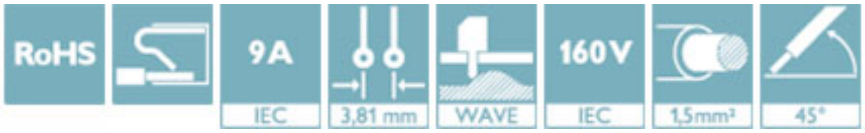


The figure shows the 10-position version

PCB terminal block, nominal current: 9 A, nom. voltage: 160 V, pitch: 3.81 mm, number of positions: 4, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: 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
- 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	50 STK
GTIN	4 046356 318037
GTIN	4046356318037

Technical data

Dimensions

Length [l]	12 mm
Pitch	3.81 mm
Dimension a	11.43 mm
Width [w]	16.74 mm
Constructional height	12 mm
Height [h]	15.4 mm
Solder pin [P]	3.4 mm
Pin dimensions	0,6 x 1,0 mm
Pin spacing	7 mm

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Technical data

Dimensions

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 mm²
Maximum load current	9 A
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	10 mm
Number of positions	4

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	1.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm²
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

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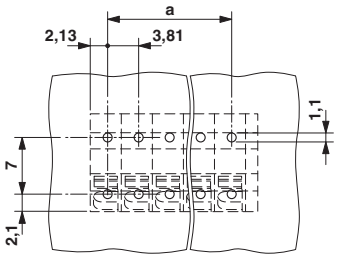
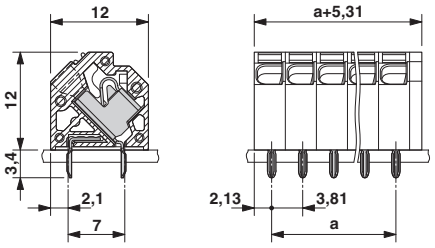
Drilling diagram



Dimensional drawing



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

Approvals

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VDE Gutachten mit Fertigungsüberwachung / IECEE CB Scheme / EAC / cULus Recognized

Ex Approvals

Approval details

VDE Gutachten mit Fertigungsüberwachung	VDE	http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40029329

Nominal voltage UN	130 V
Nominal current IN	9 A
mm²/AWG/kcmil	0.2-1.5

IECEE CB Scheme	CB scheme	http://www.iecee.org/	DE1-58146

EAC	EAC	B.01742

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Approvals

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20061129

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

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