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

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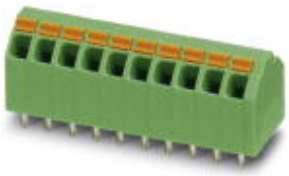

The illustration shows the 10-position version

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: 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	100 pc
Minimum order quantity	100 pc
GTIN	4 046356 318013
Weight per Piece (excluding packing)	1.71 g
Custom tariff number	85369010
Country of origin	Germany

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
Length of the solder pin	3.4 mm

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Technical data

Dimensions

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 mm²
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 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

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Classifications

eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

Approvals

Approvals

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

Ex Approvals

Approvals submitted

Approval details

UL Recognized

	B
mm²/AWG/kcmil	26-16
Nominal current IN	10 A

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Approvals

	B
Nominal voltage UN	300 V

VDE Gutachten mit Fertigungsüberwachung

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

cUL Recognized

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

CCA

IECEE CB Scheme

EAC

cULus Recognized

Drawings

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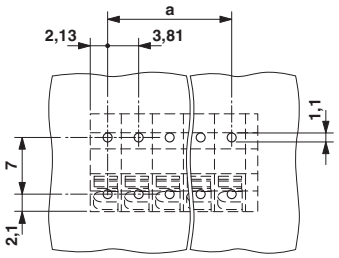
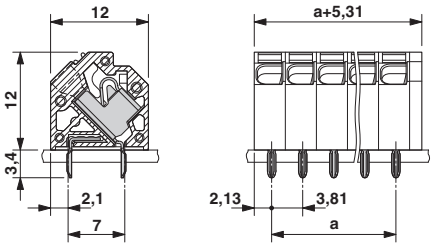
Drilling diagram



Dimensional drawing



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

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