

PCB terminal block - SPT 1,5/10-V-3,5 - 1990931

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>)

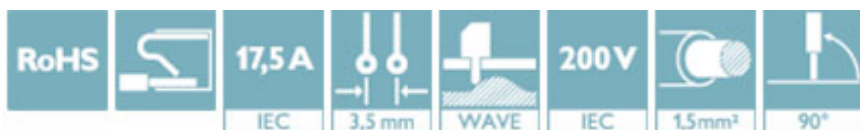


PCB terminal block, nominal current: 17.5 A, nom. voltage: 200 V, pitch: 3.5 mm, number of positions: 10, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: green

The figure shows a 10-position version of the product

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
- ✓ Two solder pins reduce the mechanical strain on the soldering spots



Key Commercial Data

Packing unit	50 STK
GTIN	 4 046356 104562
GTIN	4046356104562

Technical data

Dimensions

Length [l]	13.5 mm
Pitch	3.5 mm
Dimension a	31.5 mm
Width [w]	36.4 mm
Constructional height	14.4 mm
Height [h]	16.9 mm
Solder pin [P]	2.5 mm
Pin dimensions	0,8 x 0,8 mm
Pin spacing	3.5 mm
Hole diameter	1.1 mm

PCB terminal block - SPT 1,5/10-V-3,5 - 1990931

Technical data

General

Range of articles	SPT 1,5/...-V
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)	200 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	17.5 A
Nominal cross section	1.5 mm ²
Maximum load current	17.5 A
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	10 mm
Number of positions	10

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 Stripping length 8 mm
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm ² Stripping length 8 mm
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ² Stripping length 8 mm
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.75 mm ² Stripping length 8 mm
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16

Standards and Regulations

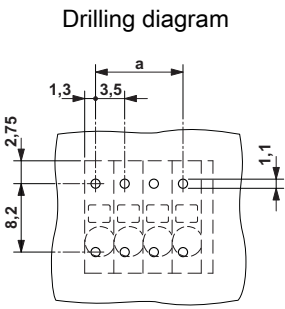
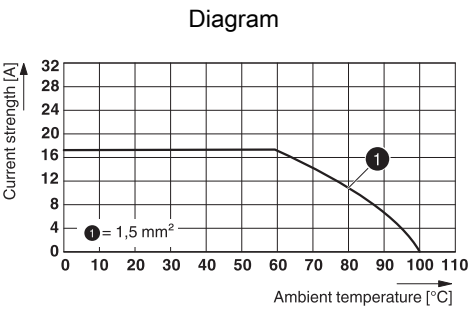
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

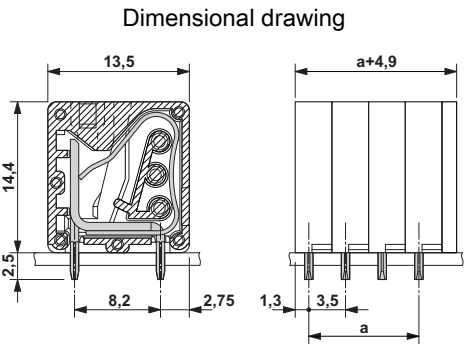
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

PCB terminal block - SPT 1,5/10-V-3,5 - 1990931



Type: SPT 1,5/ 5-V-3,5
Tested according to DIN EN 60512-5-2:2003-01
Reduction factor = 1
Number of positions: 5



Approvals

Approvals

Approvals

CCA / IECCEB CB Scheme / SEV / EAC / cULus Recognized

Ex Approvals

Approval details

CCA	IK-2956
mm²/AWG/kcmil	1.5
Nominal current IN	17.5 A
Nominal voltage UN	130 V

PCB terminal block - SPT 1,5/10-V-3,5 - 1990931

Approvals

IECEE CB Scheme		http://www.iecee.org/	CH-7429
mm²/AWG/kcmil	1.5		
Nominal current I _N	17.5 A		
Nominal voltage U _N	130 V		

SEV		https://www.electrosuisse.ch/en/meta/shop/product-certificates.html	IK-3150
mm²/AWG/kcmil	1.5		
Nominal current I _N	17.5 A		
Nominal voltage U _N	130 V		

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

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20061129
	B	D	
mm²/AWG/kcmil	24-16	24-16	
Nominal current I _N	10 A	10 A	
Nominal voltage U _N	300 V	300 V	

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
 Flachsmarktstr. 8
 32825 Blomberg
 Germany
 Tel. +49 5235 300
 Fax +49 5235 3 41200
<http://www.phoenixcontact.com>