

Sample set - SAMPLE SPT-SMD 1,5/ 3-V-3,5 - 1843427

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: 13.5 A, Nom. voltage: 160 V, Pitch: 3.5 mm, Number of positions: 3, Connection method: Push-in spring connection, Mounting: SMD soldering, Conductor/PCB connection direction: 90 °, Color: black

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
- ✓ Designed for integration into the SMT soldering process
- ✓ Operation and conductor connection from one direction enable integration into front of device
- ✓ Quick and convenient testing using integrated test option
- ✓ Two soldering spots per position reduce the mechanical strain on the soldering spots



Key Commercial Data

Packing unit	5 STK
Minimum order quantity	5 STK
GTIN	
GTIN	4046356951883
Weight per Piece (excluding packing)	2.250 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	7.7 mm
Pitch	3.5 mm
Dimension a	7 mm
Width	11 mm

Sample set - SAMPLE SPT-SMD 1,5/ 3-V-3,5 - 1843427

Technical data

Dimensions

Height	13.6 mm
Pin dimensions	0,7 x 0,3
Pin spacing	7 mm
Hole diameter	1.1 mm

General

Insulating material group	IIIa
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	13.5 A
Nominal cross section	1.5 mm ²
Insulating material	LCP
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	8 mm
Number of positions	3

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.	0.2 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.	0.2 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.75 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16

Standards and Regulations

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

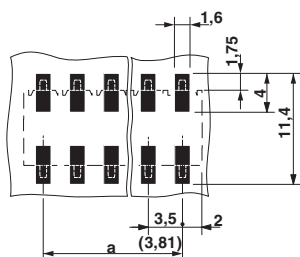
Environmental Product Compliance

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

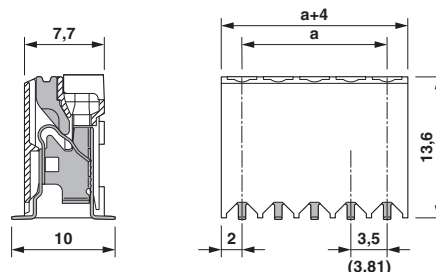
Drawings

Sample set - SAMPLE SPT-SMD 1,5/ 3-V-3,5 - 1843427

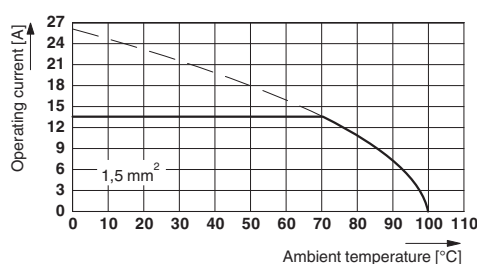
Drilling diagram



Dimensional drawing



Diagram



Classifications

eCl@ss

eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

ETIM

ETIM 4.0	EC002643
ETIM 5.0	EC002643
ETIM 6.0	EC002643

UNSPSC

UNSPSC 13.2	39121432
-------------	----------

Approvals

Approvals

Approvals

EAC

Ex Approvals

Sample set - SAMPLE SPT-SMD 1,5/ 3-V-3,5 - 1843427

Approvals

Approval details

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

Accessories

Accessories

Connector

Ferrule - A 0,5 - 8 - 3202481



Ferrule, Length: 8 mm, Color: silver

Ferrule - A 0,75- 8 - 3202504



Ferrule, Length: 8 mm, Color: silver

Ferrule - A 1 - 8 - 3202517



Ferrule, Length: 8 mm, Color: silver

Ferrule - AI 0,25- 8 YE - 3203037



Ferrule, Sleeve length: 8 mm, Length: 12.5 mm, Color: yellow

Sample set - SAMPLE SPT-SMD 1,5/ 3-V-3,5 - 1843427

Accessories

Ferrule - AI 0,5 - 8 WH - 3200014



Ferrule, Sleeve length: 8 mm, Length: 14 mm, Color: white

Ferrule - AI 0,5 - 8 WH -1000 - 3200881



Ferrule, Sleeve length: 8 mm, Length: 14 mm, Color: white

Ferrule - AI 0,75- 8 GY - 3200519



Ferrule, Sleeve length: 8 mm, Length: 14 mm, Color: gray

Ferrule - AI 0,75- 8 GY -1000 - 3200894



Ferrule, Sleeve length: 8 mm, Length: 14 mm, Color: gray

Crimping tool

Crimping pliers - CRIMPFOX 6 - 1212034



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6.0 mm², lateral entry, trapezoidal crimp

Screwdriver tools

Sample set - SAMPLE SPT-SMD 1,5/ 3-V-3,5 - 1843427

Accessories

Screwdriver - SZS 0,4X2,5 VDE - 1205037



Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

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