

PCB terminal block - SAMPLE SPT-SMD 1,5/ 8-H-3,81 - 1843692

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: 3.81 mm, Number of positions: 8, Connection method: Spring-cage connection, Mounting: SMD/THT/THR, Conductor/PCB connection direction: 0°, Color: black

The illustration shows the 10-position version



Key commercial data

Packing unit	1
GTIN	 4 046356 952156
Custom tariff number	85369010

Technical data

Dimensions

Length	13.6 mm
Height	7.7 mm
Width	30.67 mm
Pitch	3.81 mm
Dimension a	26.67 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

PCB terminal block - SAMPLE SPT-SMD 1,5/ 8-H-3,81 - 1843692

Technical data

General

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
Inflammability class according to UL 94	V0
Stripping length	8 mm
Number of positions	8

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	1.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.2 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.2 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.75 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	16

Classifications

eCl@ss

eCl@ss 5.1	27141190
eCl@ss 8.0	27440401

ETIM

ETIM 4.0	EC002643
ETIM 5.0	EC002643

Accessories

Accessories

Connector

PCB terminal block - SAMPLE SPT-SMD 1,5/ 8-H-3,81 - 1843692

Accessories

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

Ferrule - AI 0,5 - 8 WH - 3200014



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

PCB terminal block - SAMPLE SPT-SMD 1,5/ 8-H-3,81 - 1843692

Accessories

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

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



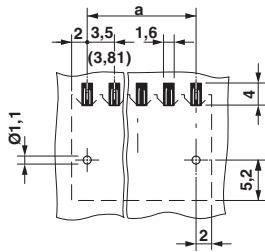
Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

PCB terminal block - SAMPLE SPT-SMD 1,5/ 8-H-3,81 - 1843692

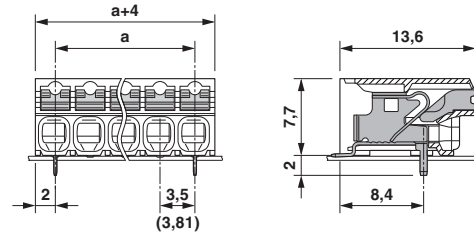
Accessories

Drawings

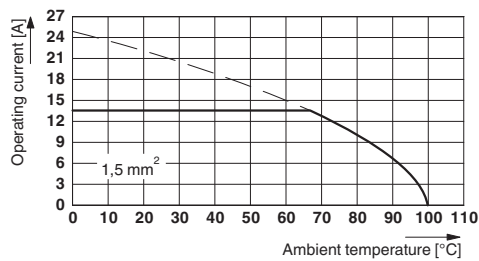
Drilling diagram



Dimensioned drawing



Diagram



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [phoenix contact manufacturer](#):

Other Similar products are found below :

[1203259](#) [3240366](#) [1893300](#) [1623633](#) [2814605](#) [3240098](#) [0201391](#) [CRIMPFOX 16 S](#) [CRIMPSET 25](#) [7001438](#) [ETD-BL-1T-F-300S](#) [MCR-1CLP-I-I-00](#) [MCR-4CLP-I-I-00](#) [MCR-DAC 8-I- 4-BUS](#) [FL EPA WMS](#) [FLK 50/EZ-DR/ 400/KONFEK/S](#) [FLS PB M12 DO 8 M12-2A](#) [PPS CD BLADE](#) [PSI-MOS-DNET CAN/FO 660/BM](#) [PSM-ME-RS232/RS232-P](#) [PSM PTK-4](#) [PSM-SET-FSMA/4-KT](#) [PSR-SCP-24DC/TS/SDI8/SDIO](#) [PSR-SCP- 24DC/URD3/4X1/2X2](#) [PT 2X2- 5DC-ST](#) [1202580](#) [1203534](#) [1205985](#) [1206308](#) [1207420](#) [QUINT-BAT/24DC/12AH](#) [1204038](#) [1212041](#) [1212096](#) [1212162](#) [1212171](#) [1212202](#) [1212250](#) [1212304](#) [1212380](#) [1212480](#) [1212485](#) [1212488](#) [1212500](#) [1212511](#) [1212578](#) [1212584](#) [1212585](#) [1212592](#) [1212646](#)