

PCB terminal block - SAMPLE SPT-SMD 1,5/12-V-3,81 - 1843508

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>)



The illustration shows the 10-position version

PCB terminal block, Nominal current: 13.5 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 12, Connection method: Spring-cage connection, Mounting: SMD/THT/THR, Conductor/PCB connection direction: 90 °, Color: black



Key commercial data

Packing unit	1
GTIN	 4 046356 951968
Custom tariff number	85369010

Technical data

Dimensions

Length	7.7 mm
Height	13.6 mm
Width	45.91 mm
Pitch	3.81 mm
Dimension a	41.91 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 1,5/12-V-3,81 - 1843508

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	12

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 1,5/12-V-3,81 - 1843508

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 1,5/12-V-3,81 - 1843508

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



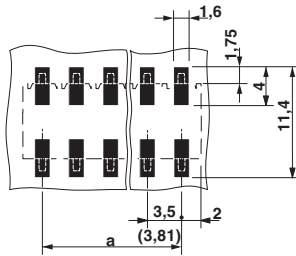
Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

PCB terminal block - SAMPLE SPT-SMD 1,5/12-V-3,81 - 1843508

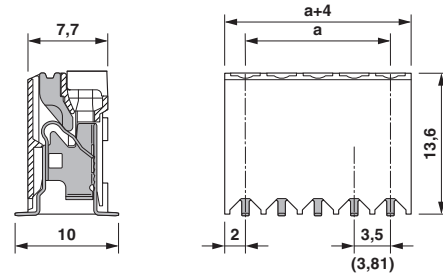
Accessories

Drawings

Drilling diagram



Dimensioned drawing



Diagram

