

## PCB terminal block - SAMPLE SPT-SMD 1,5/12-H-3,5 - 1843650

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PCB terminal block, Nominal current: 13.5 A, Nom. voltage: 160 V, Pitch: 3.5 mm, Number of positions: 12, 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 952118
Custom tariff number	85369010

### Technical data

#### Dimensions

Length	13.6 mm
Height	7.7 mm
Width	42.5 mm
Pitch	3.5 mm
Dimension a	38.5 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

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## 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 <sub>N</sub>	13.5 A
Nominal cross section	1.5 mm <sup>2</sup>
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 <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.2 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.2 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.75 mm <sup>2</sup>
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-H-3,5 - 1843650

### Accessories

Ferrule - A 0,5 - 8 - 3202481



Ferrule, Length: 8 mm, Color: silver

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Ferrule - A 0,75- 8 - 3202504



Ferrule, Length: 8 mm, Color: silver

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Ferrule - A 1 - 8 - 3202517



Ferrule, Length: 8 mm, Color: silver

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Ferrule - AI 0,25- 8 YE - 3203037



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

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Ferrule - AI 0,5 - 8 WH - 3200014



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

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## PCB terminal block - SAMPLE SPT-SMD 1,5/12-H-3,5 - 1843650

### Accessories

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



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

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Ferrule - AI 0,75- 8 GY - 3200519



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

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



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

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### 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 mm<sup>2</sup> ... 6.0 mm<sup>2</sup>, lateral entry, trapezoidal crimp

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### Screwdriver tools

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



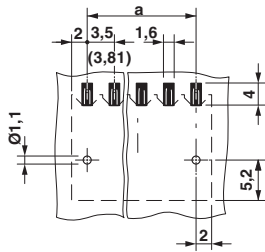
Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

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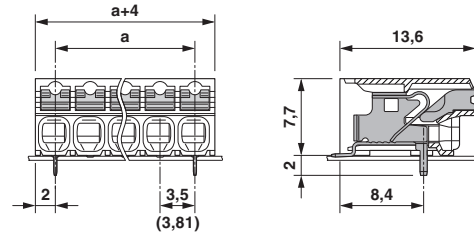
## Accessories

## Drawings

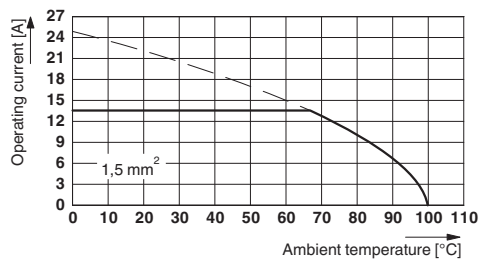
Drilling diagram



Dimensioned drawing



Diagram



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