

## PCB connection terminal block - SPTAF 1/ 8-5,0-LL - 1864493

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: 5 mm, Number of positions: 8, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 45 °, 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
- Finger-operated and fixable release button for very convenient operation
- Small component size for applications where space is at a premium
- Quick and convenient testing using integrated test option



### Key Commercial Data

Packing unit	70 pc
Minimum order quantity	70 pc
GTIN	 4 055626 246079
Weight per Piece (excluding packing)	2.22 g
Custom tariff number	85369010
Country of origin	Germany
Product key	AAABBA
Note	Made to Order (non-returnable)

### Technical data

#### Dimensions

Length	11 mm
Pitch	5.00 mm
Dimension a	35 mm
Width	40 mm
Constructional height	10.9 mm

# PCB connection terminal block - SPTAF 1/ 8-5,0-LL - 1864493

## Technical data

### Dimensions

Height	13.5 mm
Length of the solder pin	2.6 mm
Pin dimensions	0,75 x 0,3
Pin spacing	5 mm
Hole diameter	1.1 mm

### General

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 mm <sup>2</sup>
Solder pin surface	Sn
Stripping length	8 mm
Number of positions	8

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	0.75 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	1 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.2 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	0.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.2 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.5 mm <sup>2</sup>

### Standards and Regulations

Connection in acc. with standard	EN-VDE
----------------------------------	--------

## Accessories

Accessories

Screwdriver tools

# PCB connection terminal block - SPTAF 1/ 8-5,0-LL - 1864493

## Accessories

Screwdriver - SZF 0-0,4X2,5 - 1204504



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

Screwdriver - SZF 1-0,6X3,5 - 1204517



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

## Drawings

Drilling diagram

