

# PCB terminal block - SPTAF 1/ 8-3,5-IL - 1861991

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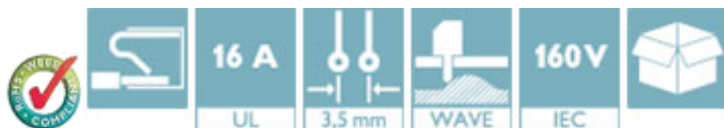
PCB terminal block, Nominal current: 16 A, Nom. voltage: 160 V, Pitch: 3.5 mm, Number of positions: 8, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 45 °, Color: green




The figure shows a 10-position version of the product

## Why buy this product

- User-friendly and quick conductor connection using Push-in direct plug-in technology
- Arrangement over several rows possible for high packing densities
- Easy operation when releasing the conductor via the orange actuating lever
- 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
- Small component size for applications where space is at a premium
- Quick and convenient testing using integrated test option



## Key Commercial Data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	 4 055626 135038
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	1 mm
Pitch	3.50 mm

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## Technical data

### Dimensions

Dimension a	24.5 mm
Width	29.5 mm
Constructional height	8 mm
Height	10.6 mm
Length of the solder pin	2.6 mm
Pin dimensions	0,75 x 0,3 mm
Pin spacing	5 mm
Hole diameter	1.1 mm

### General

Insulating material group	I
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 $I_N$	16 A
Nominal cross section	1 mm <sup>2</sup>
Maximum load current	16 A
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
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.	1.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	1.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	0.75 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.75 mm <sup>2</sup>
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

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## Classifications

eCl@ss

eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

ETIM

ETIM 5.0	EC002643
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## Accessories

Accessories

Screwdriver tools

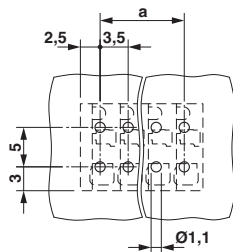
Screwdriver - SZF 0-0,4X2,5 - 1204504



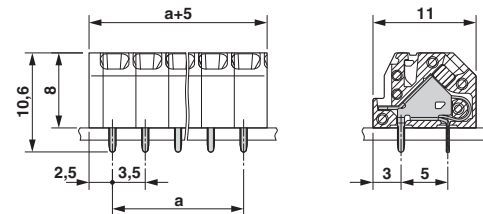
Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

## Drawings

Drilling diagram



Dimensional drawing



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