

## PCB terminal block - SPTAF 1/ 3-3,5-IL - 1861946

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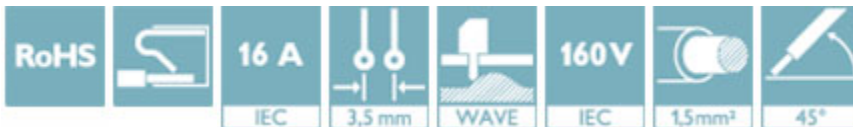
PCB terminal block, nominal current: 16 A, pitch: 3.5 mm, number of positions: 3, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: green



The figure shows a 10-position version of the product

### Your advantages

- ✓ 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	1 pc
Minimum order quantity	150 pc
GTIN	 4 055626 134086
GTIN	4055626134086
Weight per Piece (excluding packing)	1.500 g
Custom tariff number	85369010
Country of origin	Poland

### Technical data

#### Dimensions

Length [ l ]	11 mm
Pitch	3.5 mm
Dimension a	7 mm

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### Technical data

#### Dimensions

Width [ w ]	12 mm
Height	8 mm
Height [ h ]	10.6 mm
Solder pin [P]	2.6 mm
Pin spacing	5 mm
Hole diameter	1.1 mm

#### General

Range of articles	SPTAF 1/...-IL
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	1.5 mm <sup>2</sup>
Maximum load current	16 A
Insulating material	PA
Contact material	Sn
Flammability rating according to UL 94	V0
Stripping length	8 mm
Number of positions	3

#### 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

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## Technical data

### Standards and Regulations

Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Classifications

### eCl@ss

eCl@ss 5.1	27261100
eCl@ss 6.0	27261100
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

### ETIM

ETIM 5.0	EC002643
ETIM 6.0	EC002643
ETIM 7.0	EC002643

### UNSPSC

UNSPSC 13.2	39121432
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## Approvals

### Approvals

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#### Approvals

IECEE CB Scheme / VDE Zeichengenehmigung / cULus Recognized

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#### Ex Approvals

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### Approval details

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## Approvals

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-61914
Nominal voltage UN	160 V		
Nominal current IN	16 A		
mm <sup>2</sup> /AWG/kcmil	0.2-1.5		

VDE Zeichengenehmigung		<a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a>	40047107
Nominal voltage UN	160 V		
Nominal current IN	16 A		
mm <sup>2</sup> /AWG/kcmil	0.2-1.5		

cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-20061129
	B	D	
Nominal voltage UN	300 V	300 V	
Nominal current IN	8 A	8 A	
mm <sup>2</sup> /AWG/kcmil	24-16	24-16	

## 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