

## PCB terminal block - SPTAF 1/ 8-5,0-IL - 1862330

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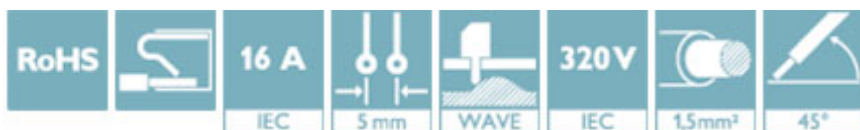
PCB terminal block, nominal current: 16 A, nom. voltage: 320 V, pitch: 5 mm, number of positions: 8, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: green




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
- ✓ 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	80 STK
GTIN	 4 055626 137650
GTIN	4055626137650
Weight per Piece (excluding packing)	4.000 g
Custom tariff number	85369010
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### Dimensions

Length [ l ]	11 mm
Pitch	5 mm
Dimension a	35 mm
Width [ w ]	40 mm
Constructional height	8 mm
Height [ h ]	10.6 mm

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## Technical data

### Dimensions

Solder pin [P]	2.6 mm
Pin dimensions	0,75 x 0,3
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)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 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
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

### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
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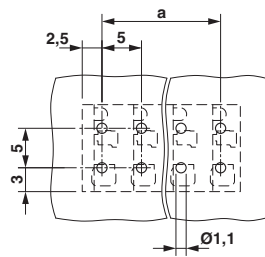
## Technical data

### Environmental Product Compliance

	No hazardous substances above threshold values
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## Drawings

Drilling diagram



## Classifications

### eCl@ss

eCl@ss 5.1	27260705
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

### ETIM

ETIM 5.0	EC002643
ETIM 6.0	EC002643

### UNSPSC

UNSPSC 13.2	39121432
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## Approvals

### Approvals

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#### Approvals

cULus Recognized / VDE approval of drawings / IECCEB Scheme

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#### Ex Approvals


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### Approval details

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## Approvals

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
mm <sup>2</sup> /AWG/kcmil	24-16	24-16
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V

VDE approval of drawings  <a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx</a> 40047107	
mm <sup>2</sup> /AWG/kcmil	0.2-1.5
Nominal current IN	16 A
Nominal voltage UN	320 V

IECEE CB Scheme  <a href="http://www.iecee.org/">http://www.iecee.org/</a> DE1-59461	
mm <sup>2</sup> /AWG/kcmil	0.2-1.5
Nominal current IN	16 A
Nominal voltage UN	320 V

## 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

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

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## Accessories

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