

PCB terminal block - SPTAF 1/ 7-5,0-IL - 1862327

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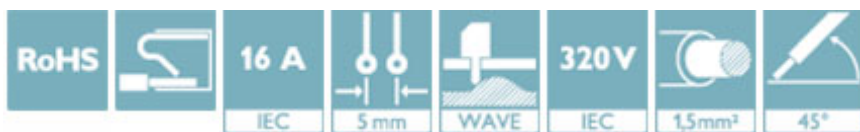
PCB terminal block, nominal current: 16 A, nom. voltage: 320 V, pitch: 5 mm, number of positions: 7, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: green



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 | |
| GTIN | 4055626137643 |
| Weight per Piece (excluding packing) | 4.400 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 | 30 mm |
| Width [w] | 35 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 ² |
| 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 | 7 |

Connection data

| | |
|--|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 1.5 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 1.5 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 0.75 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 0.75 mm ² |
| 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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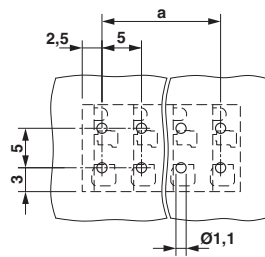
Technical data

Environmental Product Compliance

| | |
|--|--|
| | No hazardous substances above threshold values |
|--|--|

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 |
|-------------|----------|

Approvals

Approvals

Approvals

cULus Recognized / VDE approval of drawings / IECCEB Scheme

Ex Approvals

Approval details

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Approvals

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

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

| | | | |
|----------------------------|---------|---|-----------|
| IECEE CB Scheme | | http://www.iecee.org/ | DE1-59461 |
| | | | |
| mm ² /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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