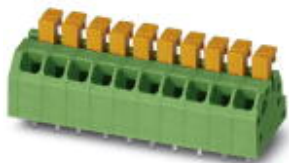


PCB terminal block - SPTAF 1/14-3,5-LL - 1864406

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PCB terminal block, nominal current: 13.5 A, pitch: 3.5 mm, number of positions: 14, 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
- ✓ 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 | 50 pc |
| GTIN |  4 0 5 5 6 2 6 2 4 6 5 8 1 |
| GTIN | 4055626246581 |

Technical data

Dimensions

| | |
|----------------|---------|
| Length [l] | 11 mm |
| Pitch | 3.5 mm |
| Dimension a | 45.5 mm |
| Width [w] | 50.5 mm |
| Height | 10.9 mm |
| Height [h] | 13.5 mm |
| Solder pin [P] | 2.6 mm |
| Pin spacing | 5 mm |
| Hole diameter | 1.1 mm |

General

PCB terminal block - SPTAF 1/14-3,5-LL - 1864406

Technical data

General

| | |
|----------------------------------|-------------------|
| Range of articles | SPTAF 1/...-LL |
| 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 ² |
| Stripping length | 8 mm |
| Number of positions | 14 |

Connection data

| | |
|--|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 0.75 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 1 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. | 0.5 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. | 0.5 mm ² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 18 |

Standards and Regulations

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

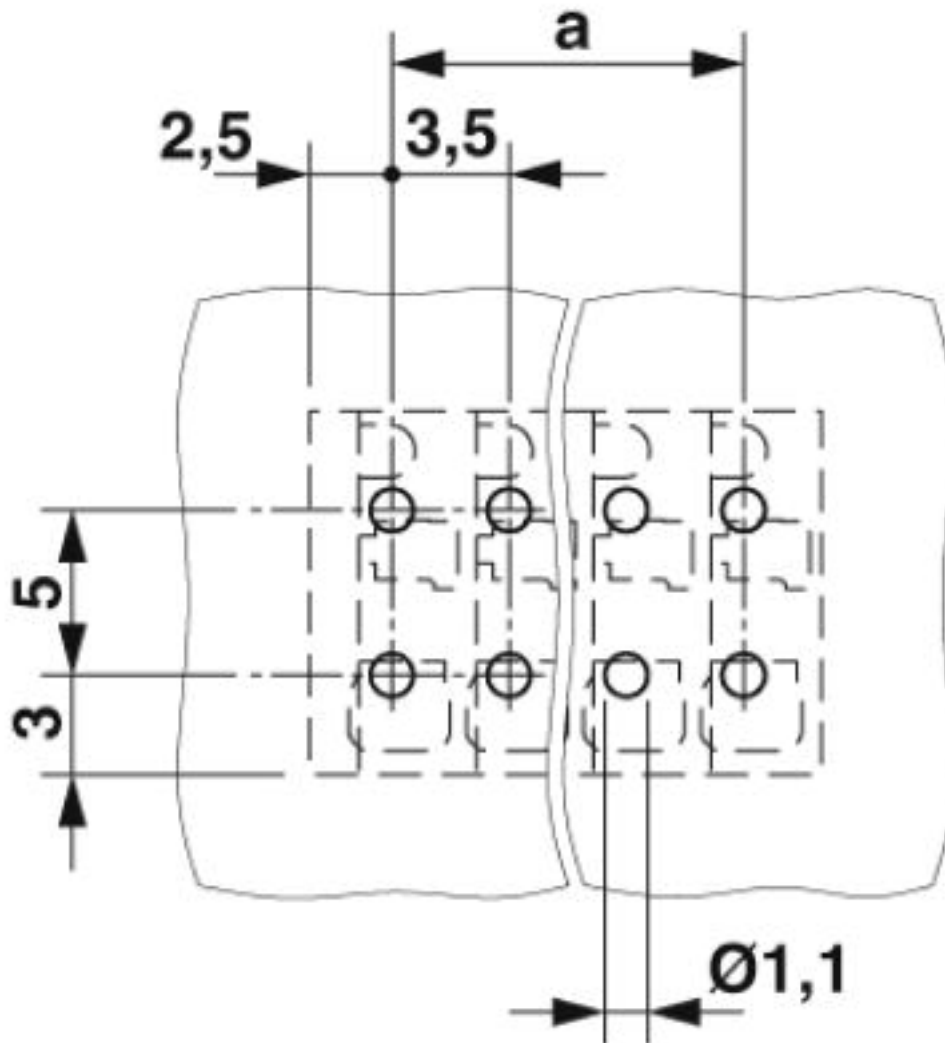
Environmental Product Compliance

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

Drawings

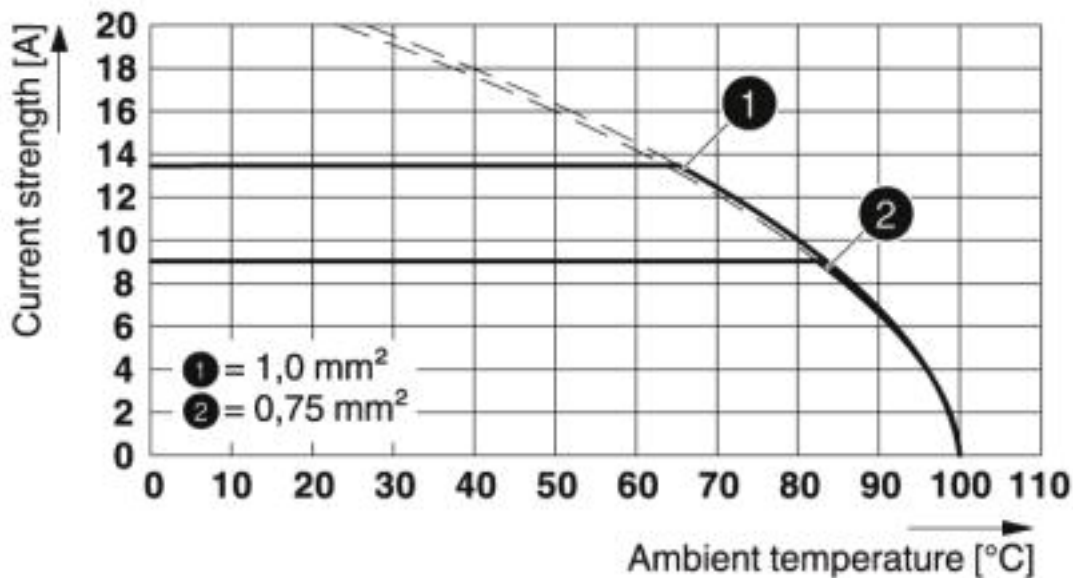
PCB terminal block - SPTAF 1/14-3,5-LL - 1864406

Drilling diagram



PCB terminal block - SPTAF 1/14-3,5-LL - 1864406

Diagram



Type: SPTAF 1/...-3,5-LL

Approvals

Approvals

Approvals

IECEE CB Scheme / VDE Zeichengenehmigung / cULus Recognized


Ex Approvals


Approval details

| | | | |
|--------------------|---------------------|---|-----------|
| IECEE CB Scheme | CB scheme | http://www.iecee.org/ | DE1-61914 |
| Nominal voltage UN | 160 V | | |
| Nominal current IN | 13.5 A | | |
| mm²/AWG/kcmil | 0.2-1 | | |

PCB terminal block - SPTAF 1/14-3,5-LL - 1864406

Approvals

| | | | |
|----------------------------|---|---|----------|
| VDE Zeichengenehmigung |  | http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx | 40047107 |
| Nominal voltage UN | | 160 V | |
| Nominal current IN | | 13.5 A | |
| mm ² /AWG/kcmil | | 0.2-1 | |

| | | | |
|----------------------------|---|---|-----------------|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-20061129 |
| | B | D | |
| Nominal voltage UN | 300 V | 300 V | |
| Nominal current IN | 8 A | 8 A | |
| mm ² /AWG/kcmil | 24-18 | 24-18 | |

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