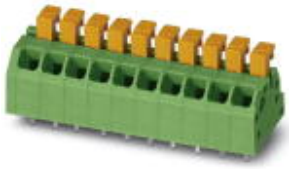
PCB terminal block - SPTAF 1/16-3,5-LL - 1864422

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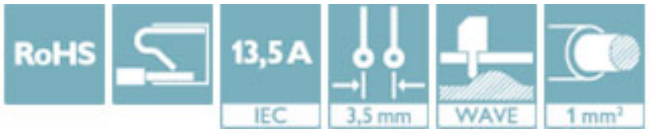
PCB terminal block, nominal current: 13.5 A, pitch: 3.5 mm, number of positions: 16, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: green



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 055626 246604
GTIN	4055626246604

Technical data

Dimensions

Length [l]	11 mm
Pitch	3.5 mm
Dimension a	52.5 mm
Width [w]	57.5 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 1/16-3,5-LL - 1864422

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 mm²
Stripping length	8 mm
Number of positions	16

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	0.75 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	1 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	0.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.5 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	18

Standards and Regulations

Connection in acc. with standard	EN-VDE

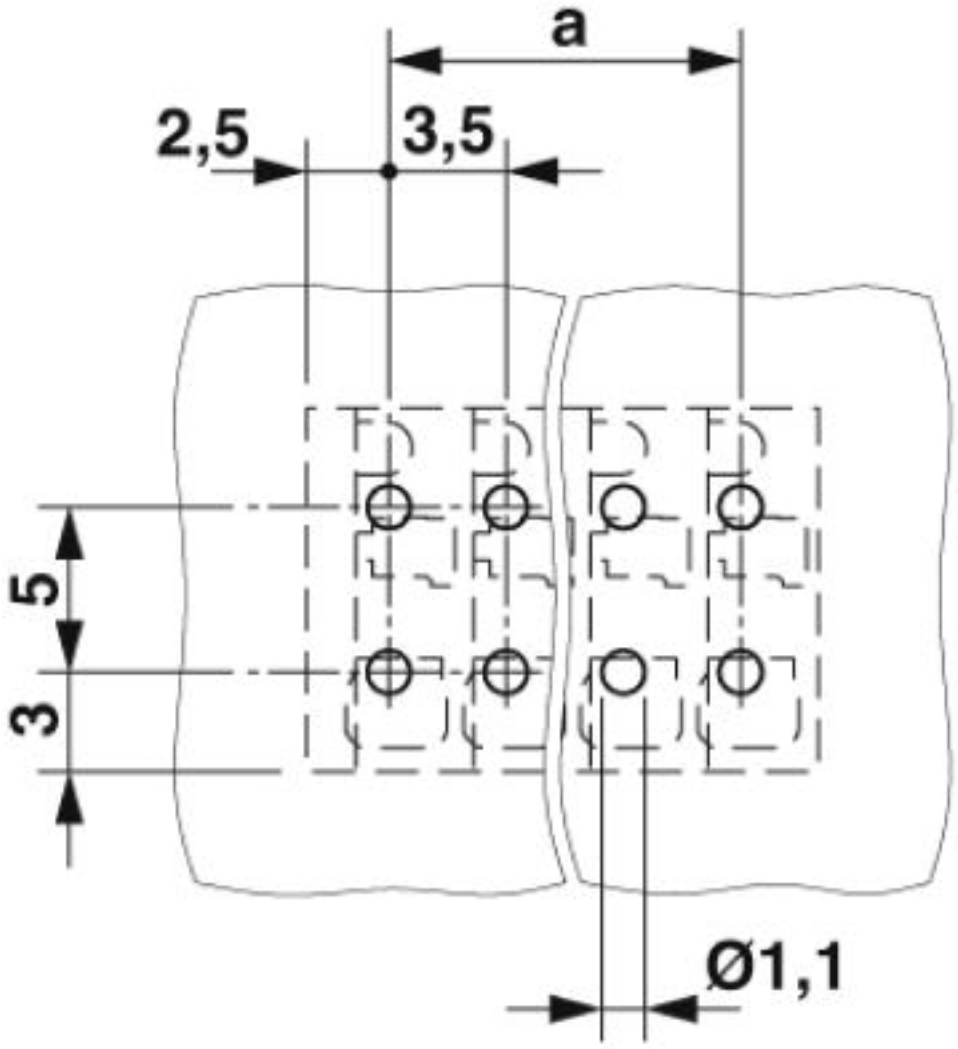
Environmental Product Compliance

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

Drawings

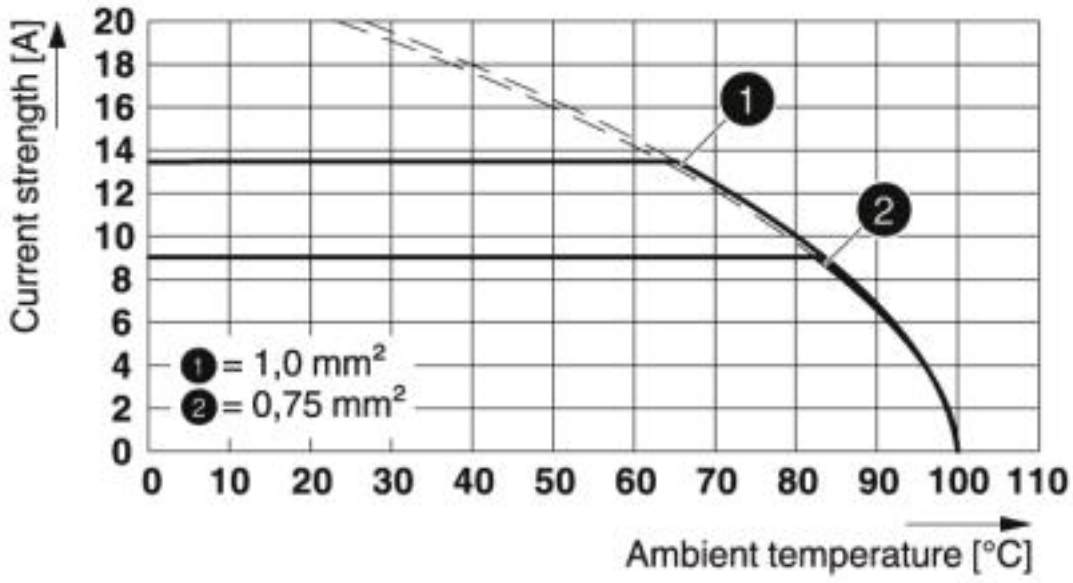
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Drilling diagram



PCB terminal block - SPTAF 1/16-3,5-LL - 1864422

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 1/16-3,5-LL - 1864422

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
mm²/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
mm²/AWG/kcmil	24-18	24-18

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