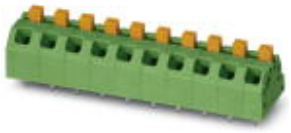
PCB terminal block - SPTAF 1/ 7-5,0-EL - 1862466

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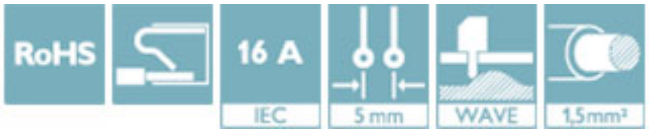
PCB terminal block, nominal current: 16 A, pitch: 5 mm, number of positions: 7, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: green



The figure shows a 10-position version of the product

Your advantages

- Time saving push-in connection, tools not required
- Defined contact force ensures that contact remains stable over the long term
- Finger-operated 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	70 pc
Minimum order quantity	70 pc
GTIN	4 055626 136592
GTIN	4055626136592

Technical data

Dimensions

Length [l]	11 mm
Pitch	5 mm
Dimension a	30 mm
Width [w]	35 mm
Height	10.2 mm
Height [h]	12.8 mm
Solder pin [P]	2.6 mm
Pin spacing	5 mm
Hole diameter	1.1 mm

PCB terminal block - SPTAF 1/ 7-5,0-EL - 1862466

Technical data

General

Range of articles	SPTAF 1/..-EL
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 mm²
Maximum load current	16 A
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	8 mm
Number of positions	7

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	1.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	0.75 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.75 mm²
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

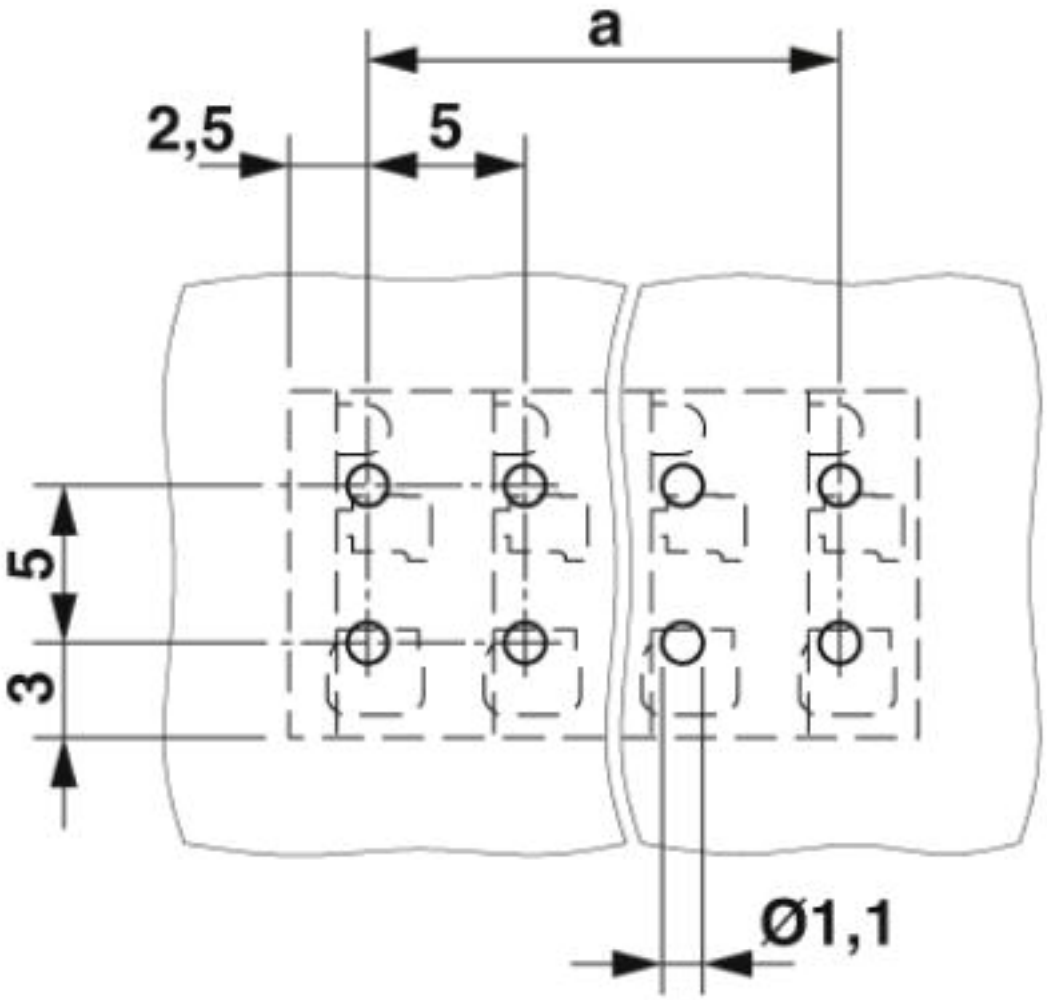
Environmental Product Compliance

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

Drawings

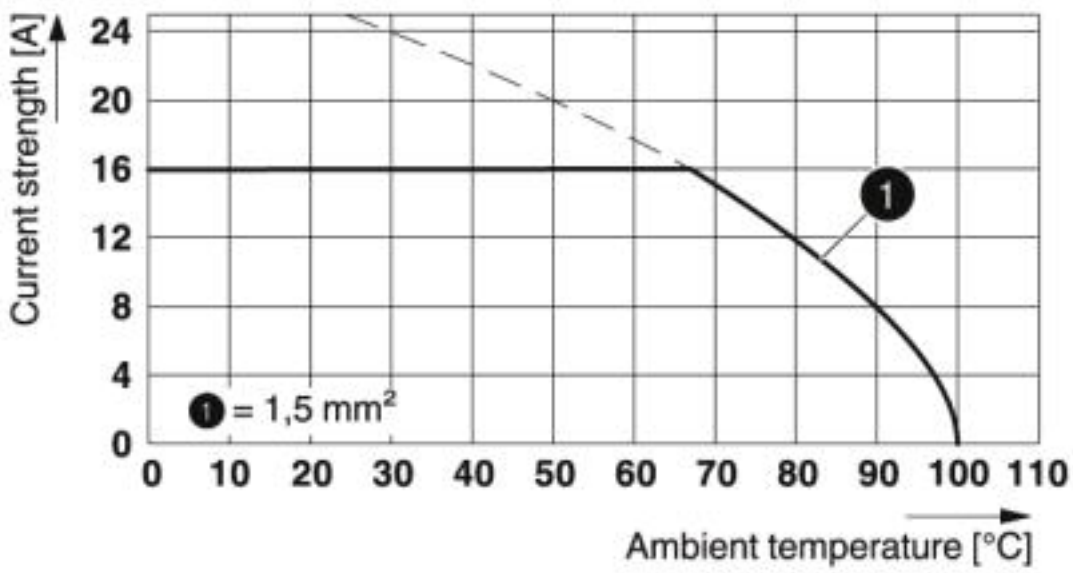
PCB terminal block - SPTAF 1/ 7-5,0-EL - 1862466

Drilling diagram



PCB terminal block - SPTAF 1/ 7-5,0-EL - 1862466

Diagram



Type: SPTAF 1/...-5,0-IL(EL)

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	320 V
Nominal current IN	16 A
mm²/AWG/kcmil	0.2-1.5

PCB terminal block - SPTAF 1/ 7-5,0-EL - 1862466

Approvals

VDE Zeichengenehmigung		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40047107

Nominal voltage UN	320 V
Nominal current IN	16 A
mm²/AWG/kcmil	0.2-1.5

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	24-16	24-16

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