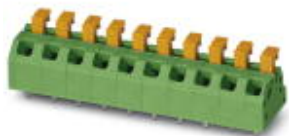


# PCB terminal block - SPTAF 1/12-5,0-LL - 1864532

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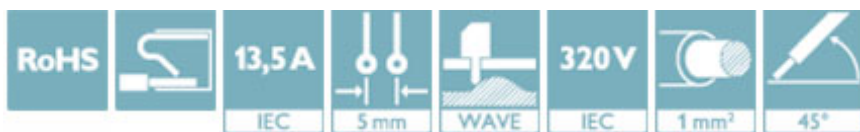
PCB terminal block, nominal current: 13.5 A, pitch: 5 mm, number of positions: 12, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: green




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 246215
GTIN	4055626246215

## Technical data

### Dimensions

Length [ l ]	11 mm
Pitch	5 mm
Dimension a	55 mm
Width [ w ]	60 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 1/12-5,0-LL - 1864532

## Technical data

### General

Range of articles	SPTAF 1/...-LL
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 $I_N$	13.5 A
Nominal cross section	1 mm <sup>2</sup>
Flammability rating according to UL 94	V0
Stripping length	8 mm
Number of positions	12

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	0.75 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	1 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.	0.5 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.	0.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	18

### Standards and Regulations

Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

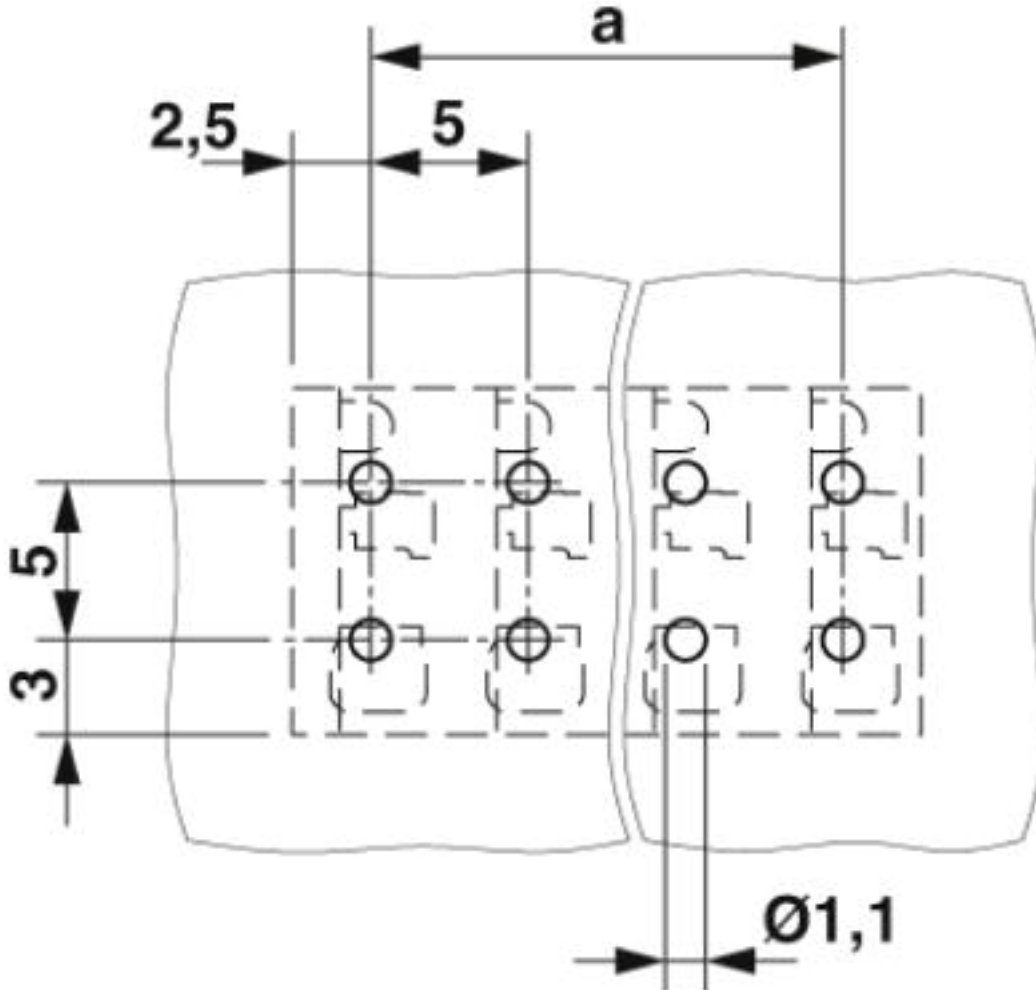
### Environmental Product Compliance

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

## Drawings

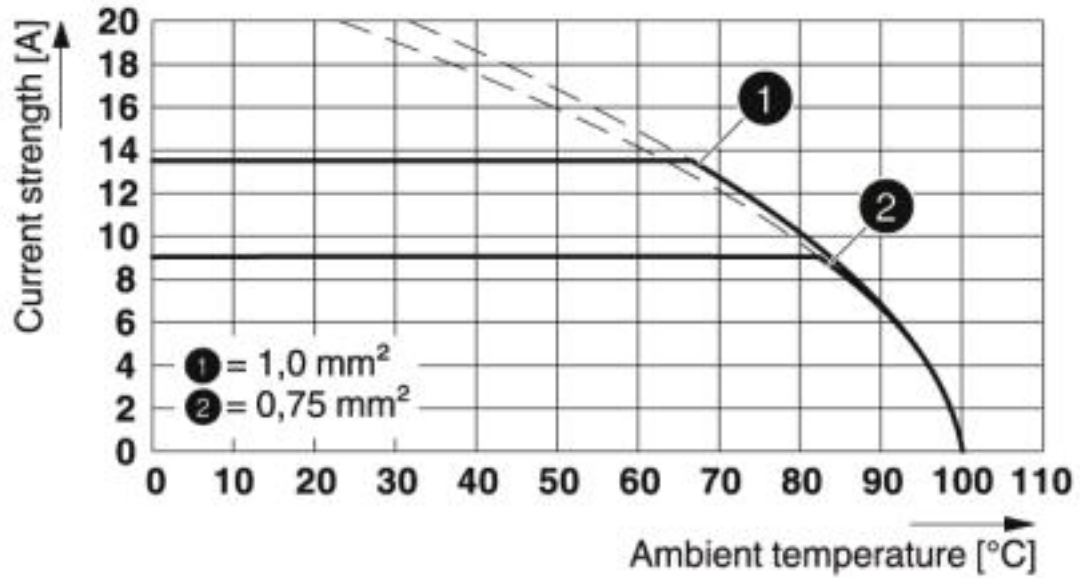
# PCB terminal block - SPTAF 1/12-5,0-LL - 1864532

Drilling diagram



# PCB terminal block - SPTAF 1/12-5,0-LL - 1864532

Diagram



Type: SPTAF 1/...-5,0-LL

## Approvals

Approvals

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Approvals

IECEE CB Scheme / VDE Zeichengenehmigung / cULus Recognized

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Ex Approvals


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## Approval details

IECEE CB Scheme	<b>CB</b> scheme	<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-61914
Nominal voltage UN	320 V		
Nominal current IN	13.5 A		
mm²/AWG/kcmil	0.2-1		

# PCB terminal block - SPTAF 1/12-5,0-LL - 1864532

## Approvals

VDE Zeichengenehmigung		<a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a>	40047107
Nominal voltage UN		320 V	
Nominal current IN		13.5 A	
mm <sup>2</sup> /AWG/kcmil		0.2-1	

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	
Nominal voltage UN	300 V	300 V	
Nominal current IN	8 A	8 A	
mm <sup>2</sup> /AWG/kcmil	24-18	24-18	

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