

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

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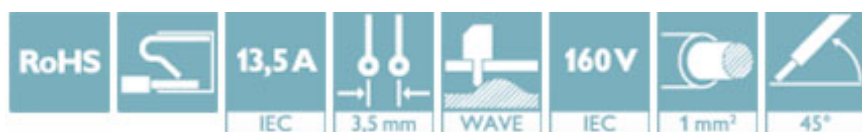


The figure shows a 10-position version of the product

PCB terminal block, nominal current: 13.5 A, nom. voltage: 160 V, pitch: 3.5 mm, number of positions: 16, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: green

Why buy this product

- ✓ 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 STK
GTIN	
GTIN	4055626246604

Technical data

Dimensions

Length [l]	11 mm
Pitch	3.5 mm
Dimension a	52.5 mm
Width [w]	57.5 mm
Constructional height	10.9 mm
Height [h]	13.5 mm
Solder pin [P]	2.6 mm
Pin dimensions	0,75 x 0,3 mm
Pin spacing	5 mm
Hole diameter	1.1 mm

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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
Solder pin surface	Sn
Stripping length	8 mm
Number of positions	16

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
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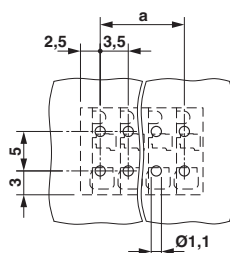
Environmental Product Compliance

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

Drawings

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

Drilling diagram



Approvals

Approvals

Approvals

cULus Recognized / VDE approval of drawings / IECEx CB Scheme / cULus Recognized

Ex Approvals

Approval details

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 I _N	8 A	8 A
Nominal voltage U _N	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	0.2-1.0	
Nominal current I _N	13.5 A	
Nominal voltage U _N	160 V	

IECEx CB Scheme  http://www.iecex.org/ DE1-59461		
mm ² /AWG/kcmil	0.2-1.0	
Nominal current I _N	13.5 A	

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Approvals

Nominal voltage UN	160 V
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20061129
	B	D	
mm²/AWG/kcmil	24-18	24-18	
Nominal current IN	8 A	8 A	
Nominal voltage UN	300 V	300 V	

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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>