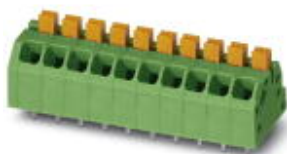


PCB terminal block - SPTAF 1/12-3,5-EL - 1862149

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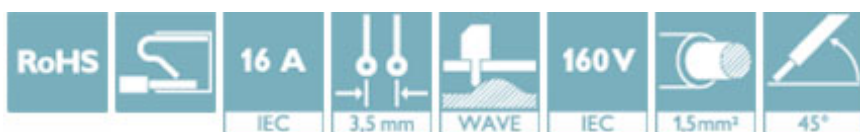
PCB terminal block, nominal current: 16 A, nom. voltage: 160 V, pitch: 3.5 mm, number of positions: 12, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: green



The figure shows a 10-position version of the product

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 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 STK
GTIN	
GTIN	4055626135632

Technical data

Dimensions

Length [l]	11 mm
Pitch	3.5 mm
Dimension a	38.5 mm
Width [w]	43.5 mm
Constructional height	10.2 mm
Height [h]	12.8 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/...-EL
Insulating material group	I
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	16 A
Nominal cross section	1.5 mm ²
Maximum load current	16 A
Insulating material	PA
Solder pin surface	Sn
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 ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	1.5 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.	0.75 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.	0.75 mm ²
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

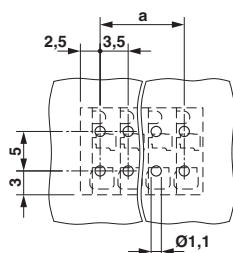
Environmental Product Compliance

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

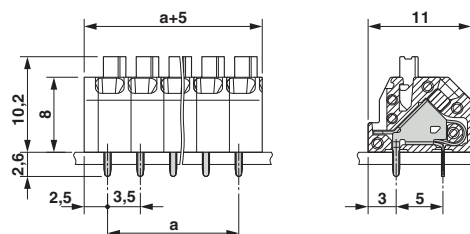
Drawings

PCB terminal block - SPTAF 1/12-3,5-EL - 1862149

Drilling diagram



Dimensional drawing



Approvals

Approvals

Approvals

cULus Recognized / VDE approval of drawings / IECCEB Scheme

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	0.2-1.5	
Nominal current I _N	16 A	
Nominal voltage U _N	160 V	

IECCEB Scheme  http://www.iecee.org/ DE1-59461		
mm ² /AWG/kcmil	0.2-1.5	

PCB terminal block - SPTAF 1/12-3,5-EL - 1862149

Approvals

Nominal current I _N	16 A
Nominal voltage U _N	160 V

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