

PCB terminal block - SPTAF 1/ 8-3,5-IL - 1861991

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PCB terminal block, nominal current: 16 A, nom. voltage: 160 V, pitch: 3.5 mm, number of positions: 8, 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
- Intuitive use through colour coded actuation lever
- Small component size for applications where space is at a premium
- Quick and convenient testing using integrated test option



Key Commercial Data

Packing unit	55 STK
Minimum order quantity	55 STK
GTIN	 4 055626 135038
GTIN	4055626135038
Weight per Piece (excluding packing)	4.276 g
Custom tariff number	85369010
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length [l]	11 mm
Pitch	3.5 mm
Dimension a	24.5 mm
Width [w]	29.5 mm
Constructional height	8 mm

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Technical data

Dimensions

Height [h]	10.6 mm
Solder pin [P]	2.6 mm
Pin dimensions	0,75 x 0,3 mm
Pin spacing	5 mm
Hole diameter	1.1 mm

General

Range of articles	SPTAF 1/...-IL
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	8

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
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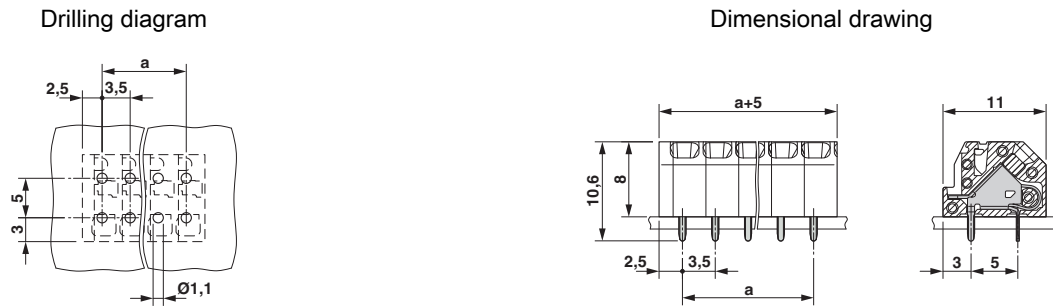
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Technical data

Environmental Product Compliance

	No hazardous substances above threshold values
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Drawings



Classifications

eCl@ss

eCl@ss 5.1	27260705
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

ETIM

ETIM 5.0	EC002643
ETIM 6.0	EC002643

UNSPSC

UNSPSC 13.2	39121432
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Approvals

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cULus Recognized / VDE approval of drawings / IECCEB CB Scheme

Ex Approvals

Approval details

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Approvals

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 IN	8 A	8 A	
Nominal voltage UN	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 IN	16 A		
Nominal voltage UN	160 V		

IECEE CB Scheme		http://www.iecee.org/	DE1-59461
mm ² /AWG/kcmil	0.2-1.5		
Nominal current IN	16 A		
Nominal voltage UN	160 V		

Accessories

Accessories

Screwdriver tools

Screwdriver - SZF 0-0,4X2,5 - 1204504



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip