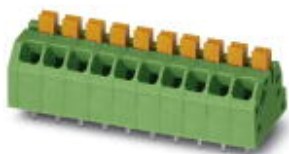


PCB terminal block - SPTAF 1/ 7-3,5-EL - 1862097

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

PCB terminal block, Nominal current: 16 A, Nom. voltage: 160 V, Pitch: 3.5 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

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	65 STK
Minimum order quantity	65 STK
GTIN	 4 055626 135281
GTIN	4055626135281
Weight per Piece (excluding packing)	3.680 g
Custom tariff number	85369010
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length	11 mm
Pitch	3.5 mm
Dimension a	21.00 mm
Width	26.00 mm
Constructional height	10.2 mm

PCB terminal block - SPTAF 1/ 7-3,5-EL - 1862097

Technical data

Dimensions

Height	12.8 mm
Length of the solder pin	2.6 mm
Pin dimensions	0,75 x 0,3
Pin spacing	5.00 mm
Hole diameter	1.1 mm

General

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	7

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
------------	---

PCB terminal block - SPTAF 1/ 7-3,5-EL - 1862097

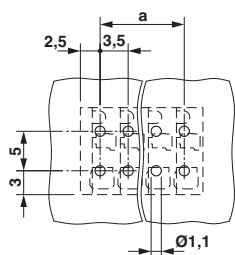
Technical data

Environmental Product Compliance

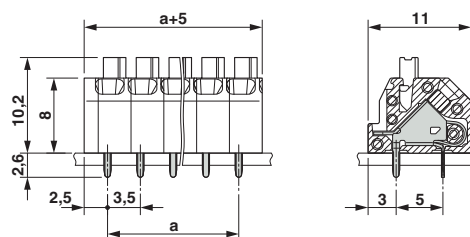
	No hazardous substances above threshold values
--	--

Drawings

Drilling diagram



Dimensional drawing



Approvals

Approvals

Approvals

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	

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Phoenix Contact](#) manufacturer:

Other Similar products are found below :

[1212619](#) [3240366](#) [1893300](#) [1401029](#) [1773093](#) [2814045](#) [2989433](#) [2963886](#) [2966537](#) [2313944](#) [2834546](#) [2834407](#) [1687312](#) [3056145](#)
[1775619](#) [1618261](#) [1674998](#) [2858894](#) [443023](#) [2905235](#) [2833547](#) [3240098](#) [2905234](#) [FFKDS/V-2.54](#) [0201391](#) [0201595](#) [7001438](#)
[MICROFOX-R](#) [PLC-RSP- 24DC/21-21](#) [PR1-RSC3-LDP-24DC/21](#) [PR1-RSC3-LV-120AC/2X21](#) [PSI-MOS-DNET CAN/FO 660/BM](#) [PSM-](#)
[SET-FSMA/4-KT](#) [PSR-SCF-120UC/URM/2X21](#) [PT 4-DIO 1N 5408/L-R](#) [PT 4-FSI/F-LED 12](#) [1202580](#) [1203534](#) [1205985](#) [1206308](#) [1201798](#)
[1207420](#) [1207886](#) [1208461](#) [1208843](#) [1206188](#) [1212066](#) [1212096](#) [1212171](#) [1212250](#)