

PCB terminal block - SPTAF 1/ 2-5,0-IL - 1862275

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: 320 V, Pitch: 5 mm, Number of positions: 2, 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	1 STK
Minimum order quantity	165 STK
GTIN	 4 055626 137599
GTIN	4055626137599
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	11 mm
Pitch	5 mm
Dimension a	5 mm
Width	10 mm

PCB terminal block - SPTAF 1/ 2-5,0-IL - 1862275

Technical data

Dimensions

Constructional height	8 mm
Height	10.6 mm
Length of the solder pin	2.6 mm
Pin dimensions	0,75 x 0,3 mm
Pin spacing	5 mm
Hole diameter	1.1 mm

General

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	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	2

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

PCB terminal block - SPTAF 1/ 2-5,0-IL - 1862275

Technical data

Standards and Regulations

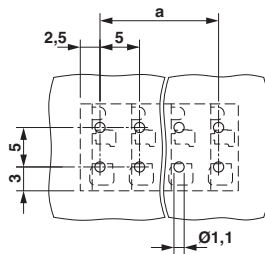
Flammability rating according to UL 94	V0
--	----

Environmental Product Compliance

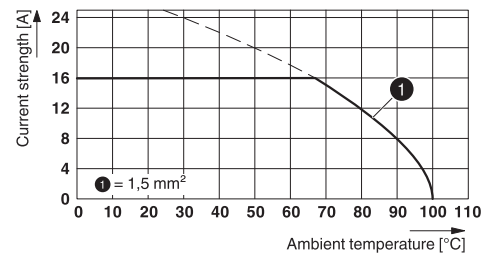
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram

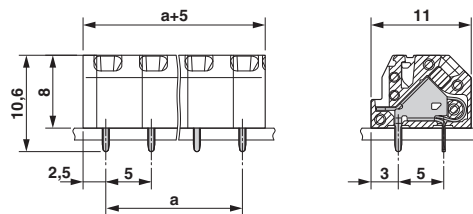


Diagram



Type: SPTAF 1/...-5,0-IL(EL)

Dimensional drawing



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

PCB terminal block - SPTAF 1/ 2-5,0-IL - 1862275

Classifications

UNSPSC

UNSPSC 13.2	39121432
-------------	----------

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	

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

PCB terminal block - SPTAF 1/ 2-5,0-IL - 1862275

Accessories

Screwdriver - SZF 1-0,6X3,5 - 1204517



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Phoenix Contact 2017 © - all rights reserved
<http://www.phoenixcontact.com>

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 :

[1203259](#) [3240366](#) [1893300](#) [1623633](#) [2814605](#) [3240098](#) [0201391](#) [CRIMPFOX 16 S](#) [CRIMPSET 25](#) [7001438](#) [ETD-BL-1T-F-300S](#) [MCR-1CLP-I-I-00](#) [MCR-4CLP-I-I-00](#) [MCR-DAC 8-I- 4-BUS](#) [FL EPA WMS](#) [FLK 50/EZ-DR/ 400/KONFEK/S](#) [FLS PB M12 DO 8 M12-2A](#) [PPS CD BLADE](#) [PSI-MOS-DNET CAN/FO 660/BM](#) [PSM-ME-RS232/RS232-P](#) [PSM PTK-4](#) [PSM-SET-FSMA/4-KT](#) [PSR-SCP-24DC/TS/SDI8/SDIO](#) [PSR-SCP- 24DC/URD3/4X1/2X2](#) [PT 2X2- 5DC-ST](#) [1202580](#) [1203534](#) [1205985](#) [1206308](#) [1207420](#) [QUINT-BAT/24DC/12AH](#) [1204038](#) [1212041](#) [1212096](#) [1212162](#) [1212171](#) [1212202](#) [1212250](#) [1212304](#) [1212380](#) [1212480](#) [1212485](#) [1212488](#) [1212500](#) [1212511](#) [1212578](#) [1212584](#) [1212585](#) [1212592](#) [1212646](#)