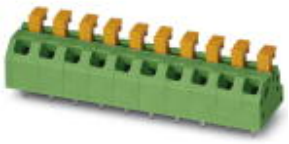
PCB terminal block - SPTAF 1/10-5,0-LL - 1864516

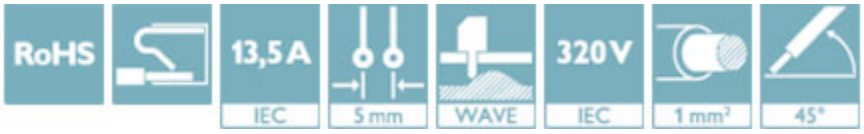
Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)



PCB terminal block, nominal current: 13.5 A, nom. voltage: 320 V, pitch: 5 mm, number of positions: 10, 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	1 STK
Minimum order quantity	50 STK
GTIN	4 055626 246093
GTIN	4055626246093
Weight per Piece (excluding packing)	6.400 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length [l]	11 mm
Pitch	5 mm
Dimension a	45 mm
Width [w]	50 mm

PCB terminal block - SPTAF 1/10-5,0-LL - 1864516

Technical data

Dimensions

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

General

Range of articles	SPTAF 1/..-LL
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	13.5 A
Nominal cross section	1 mm²
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	8 mm
Number of positions	10

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	0.75 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	1 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	0.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.5 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	18

Standards and Regulations

Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

PCB terminal block - SPTAF 1/10-5,0-LL - 1864516

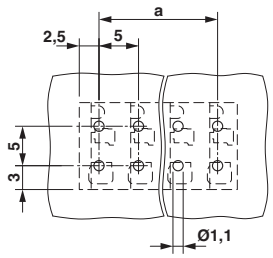
Technical data

Environmental Product Compliance

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

Drawings

Drilling diagram



Classifications

eCl@ss

eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

ETIM

ETIM 5.0	EC002643
ETIM 6.0	EC002643

UNSPSC

UNSPSC 13.2	39121432

Approvals

Approvals

Approvals

cULus Recognized

Ex Approvals

PCB terminal block - SPTAF 1/10-5,0-LL - 1864516

Approvals

Approval details

cULus Recognized	c UL us	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20061129

	B	D
mm²/AWG/kcmil	24-16	24-16
Nominal current IN	8 A	8 A
Nominal voltage UN	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

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