PCB connection terminal block - SPTA 5/ 2-7,5-ZB - 1819082

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: 41 A, Nom. voltage: 1000 V, Pitch: 7.5 mm, Number of positions: 2, Connection method: Push-in connection, Mounting: Soldering, Conductor/PCB connection direction: 30 °, Color: green

Product Features

Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	11.6 GRM
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Pitch	7.5 mm
Dimension a	7.5 mm
Pin dimensions	1,7 x 0,8
Pin spacing	14 mm
Hole diameter	2.1 mm

General

Range of articles	SPTA 5/
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	800 V
Rated voltage (III/2)	1000 V

PCB connection terminal block - SPTA 5/ 2-7,5-ZB - 1819082

Technical data

General

Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	41 A
Nominal cross section	6 mm²
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Stripping length	15 mm
Number of positions	2

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	6 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	6 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	6 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	8
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm²

Classifications

eCl@ss

eCl@ss 4.0	27141111
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401

ETIM

ETIM 3.0	EC001121

PCB connection terminal block - SPTA 5/ 2-7,5-ZB - 1819082

Classifications

ETIM

ETIM 4.0	EC002643
ETIM 5.0	EC002643

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

Approvals

Approvals

EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

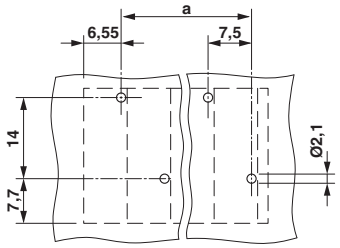
EAC

cULus Recognized		
	B	C
mm²/AWG/kcmil	24-8	24-8
Nominal current IN	33 A	33 A
Nominal voltage UN	600 V	600 V

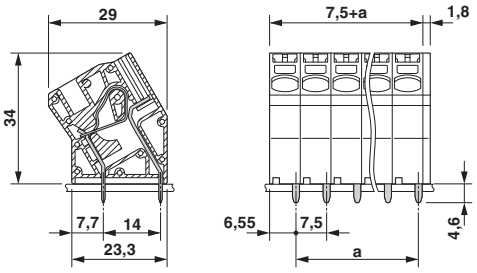
Drawings

PCB connection terminal block - SPTA 5/ 2-7,5-ZB - 1819082

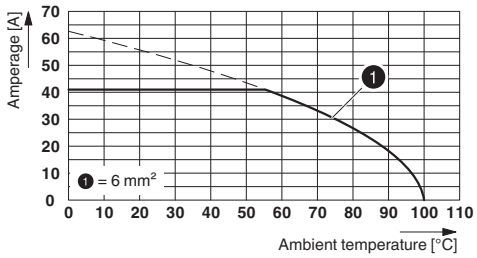
Drilling diagram



Dimensional drawing



Diagram



Type: SPTA 5/..-7,5
Tested according to DIN EN 60512-5-2:2003-01
Reduction factor = 1
Number of positions: 4

Phoenix Contact 2015 © - all rights reserved
http://www.phoenixcontact.com