PCB connection terminal block - SPTA 16/ 1-10,0 - 1819192

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PCB terminal block, Nominal current: 76 A, Nom. voltage: 1000 V, Pitch: 10 mm, Number of positions: 1, Connection method: Push-in connection, Mounting: Soldering, Conductor/PCB connection direction: 30 °, Color: green

Product Features

Key commercial data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	12.0 GRM
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Pitch	10 mm
Dimension a	0 mm
Pin dimensions	1,2 x 1
Pin spacing	15 mm
Hole diameter	1.7 mm

General

Range of articles	SPTA16/
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)	1000 V

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Technical data

General

Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	76 A
Nominal cross section	16 mm²
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Stripping length	18 mm
Number of positions	1

Connection data

Conductor cross section solid min.	0.75 mm²
Conductor cross section solid max.	10 mm²
Conductor cross section flexible min.	0.75 mm²
Conductor cross section flexible max.	16 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.75 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.75 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	10 mm²
Conductor cross section AWG/kcmil min.	18
Conductor cross section AWG/kcmil max	4
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.75 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 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

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Classifications

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
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

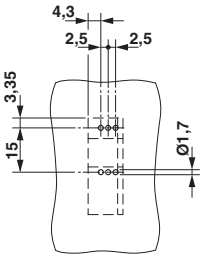
EAC

cULus Recognized			
	B	C	D
mm²/AWG/kcmil	18-4	18-4	18-4
Nominal current IN	66 A	66 A	10 A
Nominal voltage UN	300 V	150 V	300 V

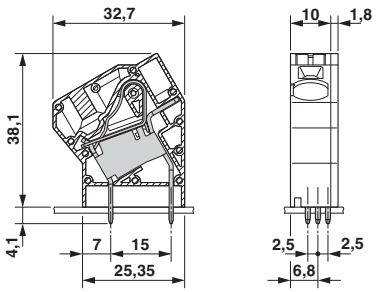
Drawings

PCB connection terminal block - SPTA 16/ 1-10,0 - 1819192

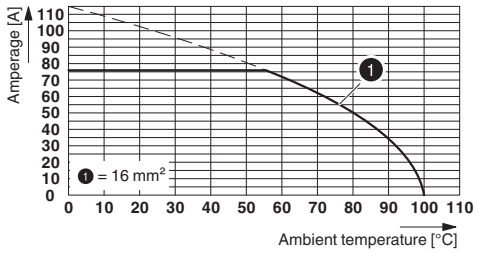
Drilling diagram



Dimensional drawing



Diagram



Type: SPTA 16/ 4-10,0-ZB
Tested in accordance with DIN EN 60512-5-2:2003-01
Reduction factor = 1
Number of positions: 4

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