PCB terminal block - SPT 16/ 1-H-10,0 - 1735778

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PCB terminal block, Nominal current: 76 A, Nom. voltage: 1000 V, Pitch: 10 mm, Number of positions: 1, Connection method: Spring-cage connection, Mounting: Soldering, Color: green

Product Features

- Conductor connection direction: horizontal (0° -H) to the PCB
- Unlimited 600 V UL approval thanks to compact zigzag pinning
- Terminal blocks that can be mounted side by side for color coding from position to position
- Single-position terminal blocks with double pinning
- SPT 16 Push-in spring-cage PCB terminal block for conductor cross sections up to 16 mm² and a current carrying capacity of 76 A

Key commercial data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	22.22 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 mm
Pin spacing	15 mm
Hole diameter	1.7 mm

General

Range of articles	SPT 16/..-H
Insulating material group	I

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Technical data

General

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
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
Maximum load current	76 A
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.	16 mm²
Conductor cross section stranded min.	0.75 mm²
Conductor cross section stranded max.	16 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.75 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.75 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	10 mm²
Conductor cross section AWG/kcmil min.	20
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
Minimum AWG according to UL/CUL	20
Maximum AWG according to UL/CUL	4

Classifications

eCl@ss

eCl@ss 4.0	27141109

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Classifications

eCl@ss

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
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

UL Recognized / cUL Recognized / GOST / SEV / CCA / IECEE CB Scheme / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

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Approvals

UL Recognized

	B	C	D
mm²/AWG/kcmil	20-4	20-4	20-4
Nominal current IN	66 A	66 A	10 A
Nominal voltage UN	300 V	150 V	300 V

cUL Recognized

	B	C	D
mm²/AWG/kcmil	20-4	20-4	20-4
Nominal current IN	66 A	66 A	10 A
Nominal voltage UN	300 V	150 V	300 V

GOST

SEV

mm²/AWG/kcmil	16
Nominal current IN	76 A
Nominal voltage UN	1000 V

CCA

Nominal current IN	76 A
Nominal voltage UN	1000 V

IECEE CB Scheme

Nominal current IN	76 A
Nominal voltage UN	1000 V

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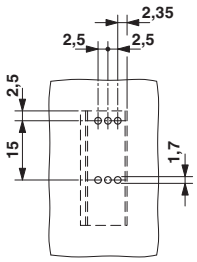
Approvals

GOST

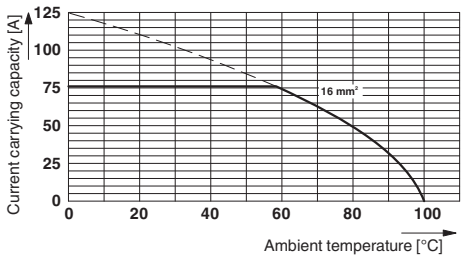
cULus Recognized

Drawings

Drilling diagram

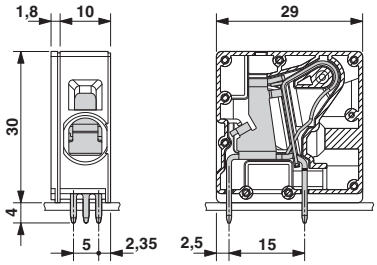


Diagram



Type: SPT 16/...-H-10,0-ZB
Test based on DIN EN 60512-5-2:2003-01
Reduction factor = 1
Number of positions: 5

Dimensioned drawing



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