PCB terminal block - SPT 1,5/ 8-V-3,5 - 1990915

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The figure shows a 10-position version of the product

PCB terminal block, Nominal current: 17.5 A, Nom. voltage: 200 V, Pitch: 3.5 mm, Number of positions: 8, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 90 °, Color: green

Product Features

- Can be combined with 5.0 mm pitch
- Larger numbers of positions available on request
- 3.5 mm pitch
- Horizontal and vertical types
- Generously dimensioned connection cross section with compact 3.5 mm pitch
- Two solder pins for a high level of stability on the PCB
- PCB terminal blocks with front spring-cage connection
- When connecting stranded conductors without ferrules, the terminal point is opened using a standard screwdriver
- Push-in direct plug-in technology for solid or stranded conductors with ferrules

Key commercial data

Packing unit	1 PCE
Catalog page	Page 133 (CC-2011)
GTIN	4 046356 104548
Custom tariff number	85369010
Country of origin	POLAND

Technical data

Dimensions / positions

Length	13.5 mm
Pitch	3.5 mm

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Technical data

Dimensions / positions

Dimension a	24.5 mm
Number of positions	8
Pin dimensions	0,8 x 0,8 mm
Pin spacing	3.5 mm
Hole diameter	1.1 mm

Technical data

Range of articles	SPT 1,5/..-V
Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	200 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	17.5 A
Nominal cross section	1.5 mm²
Maximum load current	17.5 A
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	10 mm
Nominal voltage, UL/CUL Use Group B	150 V
Nominal current, UL/CUL Use Group B	10 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	10 A

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	1.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm² Stripping length 8 mm
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm² Stripping length 8 mm
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm² Stripping length 8 mm
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.75 mm² Stripping length 8 mm
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	16

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Technical data

Connection data

Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	16

Classifications

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643

UNSPSC

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

eCl@ss

eCl@ss 4.0	27141109
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

Approvals

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

Ex Approvals

Approvals submitted

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Approvals

Approval details

UL Recognized

	B	D
mm²/AWG/kcmil	24-16	24-16
Nominal current IN	10 A	10 A
Nominal voltage UN	150 V	300 V

cUL Recognized

	B	D
mm²/AWG/kcmil	24-16	24-16
Nominal current IN	10 A	10 A
Nominal voltage UN	150 V	300 V

CCA

mm²/AWG/kcmil	1.5
Nominal current IN	17.5 A
Nominal voltage UN	130 V

IECEE CB Scheme

mm²/AWG/kcmil	1.5
Nominal current IN	17.5 A
Nominal voltage UN	130 V

SEV

mm²/AWG/kcmil	1.5
Nominal current IN	17.5 A
Nominal voltage UN	130 V

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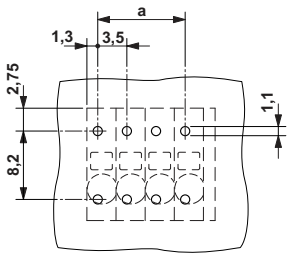
Approvals

GOST

cULus Recognized

Drawings

Drilling diagram



Dimensioned drawing