PCB terminal block - SPT 2,5/ 3-V-5,0 - 1991105

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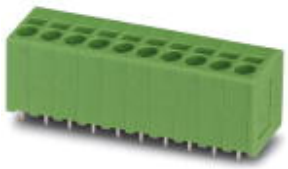

The figure shows a 10-position version of the product

PCB terminal block, Nominal current: 24 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 3, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 90 °, Color: green

Why buy this product

- Larger numbers of positions available on request
- Can be combined with 3.5 mm pitch
- Horizontal and vertical types
- 5.0 mm pitch
- PCB terminal blocks with front spring-cage connection
- Two solder pins for a high level of stability on the PCB
- Generously dimensioned connection cross section of up to 2.5 mm²
- Push-in direct plug-in technology for solid or stranded conductors with ferrules
- When connecting stranded conductors without ferrules, the terminal point is opened using a standard screwdriver

Key commercial data

Packing unit	1
Minimum order quantity	100
Catalog page	Page 135 (CC-2011)
GTIN	4 046356 104722
Custom tariff number	85369010
Country of origin	GERMANY

Technical data

Dimensions / positions

Length	13.5 mm
Pitch	5 mm
Dimension a	10 mm
Number of positions	3
Pin dimensions	0,8 x 0,8 mm

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Technical data

Dimensions / positions

Pin spacing	5 mm
Hole diameter	1.1 mm

Technical data

Range of articles	SPT 2,5/..-V
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)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current IN	24 A
Nominal cross section	2.5 mm²
Maximum load current	24 A
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	10 mm
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	20 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.	4 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	2.5 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.	2.5 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.	1.5 mm² Stripping length 8 mm
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	12

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Classifications

eclass

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

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

Ex Approvals

Approvals submitted

Approval details

UL Recognized

	B	D
mm²/AWG/kcmil	24-12	24-12
Nominal current IN	20 A	10 A
Nominal voltage UN	300 V	300 V

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Approvals

SEV	
mm²/AWG/kcmil	2.5
Nominal current IN	24 A
Nominal voltage UN	250 V

cUL Recognized

	B	D
mm²/AWG/kcmil	24-12	24-12
Nominal current IN	20 A	10 A
Nominal voltage UN	300 V	300 V

CCA	
mm²/AWG/kcmil	2.5
Nominal current IN	24 A
Nominal voltage UN	250 V

IECEE CB Scheme	
mm²/AWG/kcmil	2.5
Nominal current IN	24 A
Nominal voltage UN	250 V

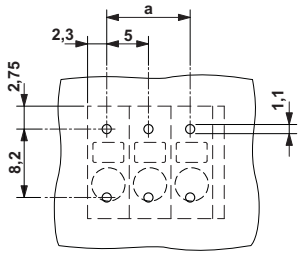
GOST

cULus Recognized

Drawings

PCB terminal block - SPT 2,5/ 3-V-5,0 - 1991105

Drilling diagram



Dimensioned drawing