

PCB terminal block - SPT 2,5/ 6-V-5,0 - 1991134

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PCB terminal block, Nominal current: 24 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 6, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 90 °, Color: green

The figure shows a 10-position version of the product

Product Features

- ✓ Can be combined with 3.5 mm pitch
- ✓ Larger numbers of positions available on request
- ✓ 5.0 mm pitch
- ✓ Horizontal and vertical types
- ✓ PCB terminal blocks with front spring-cage connection
- ✓ Generously dimensioned connection cross section of up to 2.5 mm²
- ✓ Two solder pins for a high level of stability on the PCB
- ✓ 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

package_quantity	100
GTIN	4046356104753

Technical data

Dimensions

Length	13.5 mm
Pitch	5 mm
Dimension a	25 mm
Pin dimensions	0,8 x 0,8 mm
Pin spacing	5 mm
Hole diameter	1.1 mm

General

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

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Technical data

General

Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	24 A
Nominal cross section	2.5 mm ²
Maximum load current	24 A
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	10 mm
Number of positions	6

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ² Stripping length 8 mm
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ² Stripping length 8 mm
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ² Stripping length 8 mm
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm ² 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

classifications

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
eCl@ss 8.0	27440401

ETIM

ETIM 3.0	EC001121
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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

UL Recognized / SEV / cUL Recognized / CCA / IECCEB Scheme / GOST / GOST / cULus Recognized /

Approval details

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

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

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

CCA	
Nominal voltage UN	250 V
Nominal current IN	24 A

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approvals

mm²/AWG/kcmil	2.5

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

GOST 
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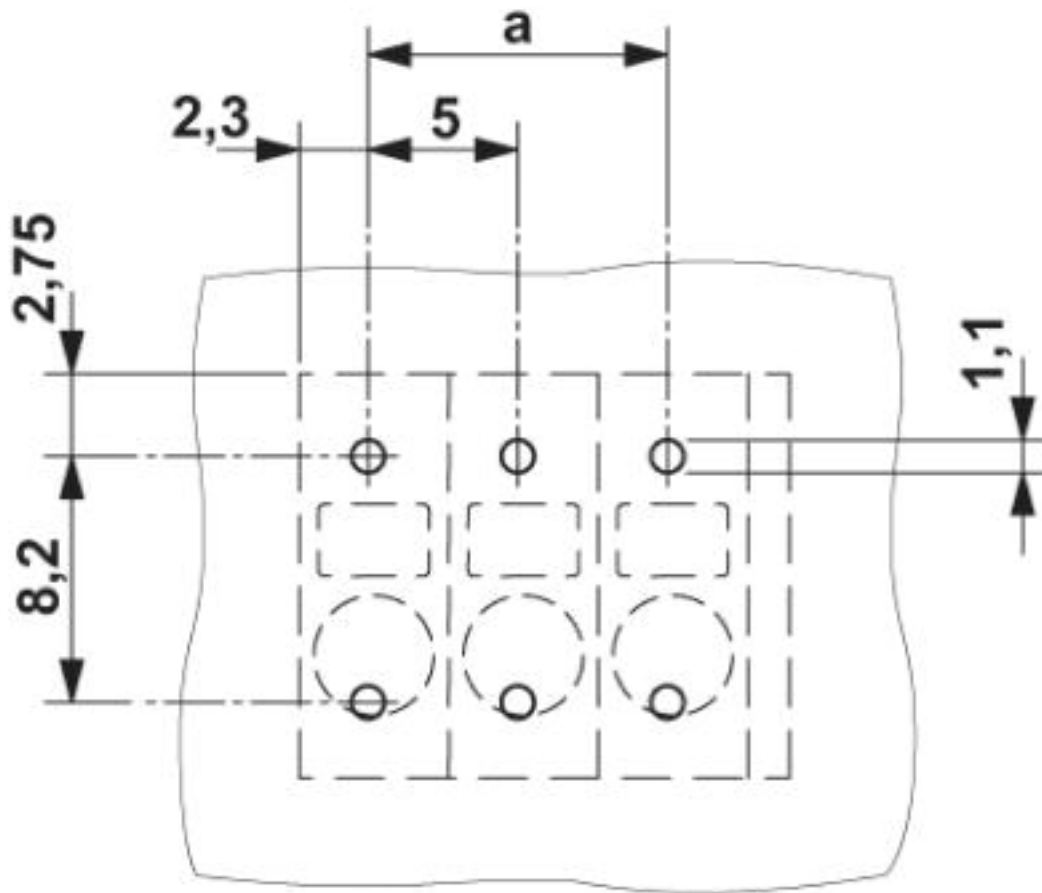


cULus Recognized 
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Drawings

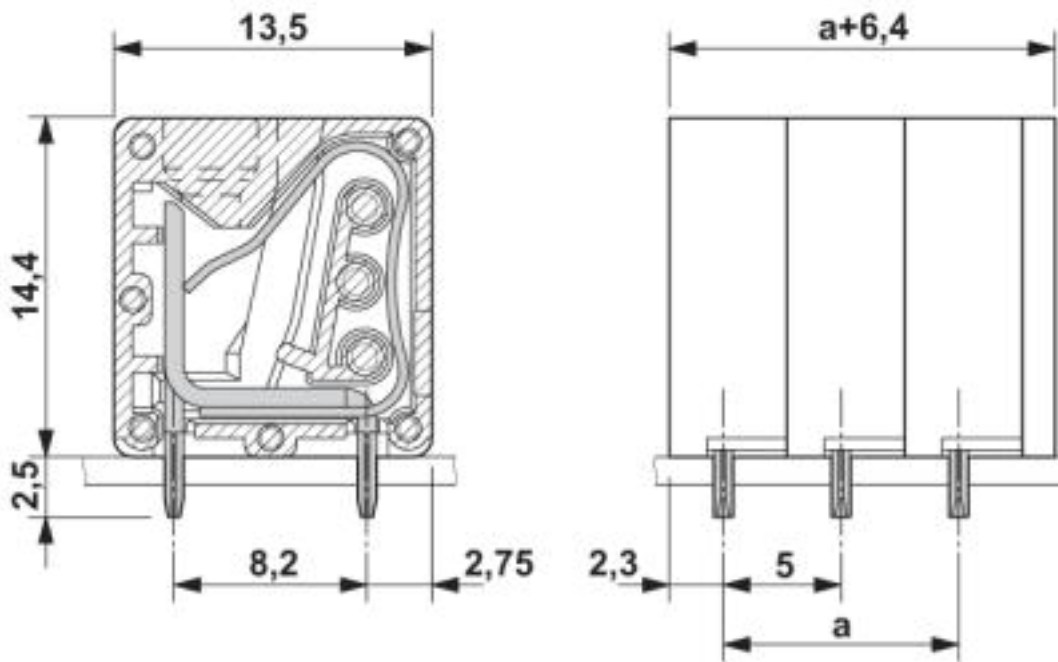
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Drilling diagram



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Dimensioned drawing



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