

## PCB connection terminal block - SPTA 5/ 2-7,5-ZB - 1819082


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PCB terminal block, Nominal current: 41 A, Nom. voltage: 1000 V, Pitch: 7.5 mm, Number of positions: 2, Connection method: Push-in connection, Mounting: Soldering, Conductor/PCB connection direction: 30 °, Color: green



### Key commercial data

Packing unit	1
GTIN	 4 046356 787192
Custom tariff number	85369010

### Technical data

#### Dimensions

Pitch	7.5 mm
Dimension a	7.5 mm
Pin dimensions	1,7 x 0,8
Pin spacing	14 mm
Hole diameter	2.1 mm

#### General

Range of articles	SPTA 5/
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)	800 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	41 A
Nominal cross section	6 mm <sup>2</sup>
Insulating material	PA

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## Technical data

### General

Solder pin surface	Sn
Inflammability class according to UL 94	V0
Stripping length	15 mm
Number of positions	2

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	6 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	6 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	8
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm <sup>2</sup>

## 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

### 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

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## Classifications

### UNSPSC

UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

## Approvals

### Approvals

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### Approvals

### GOST

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### Ex Approvals

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### Approvals submitted

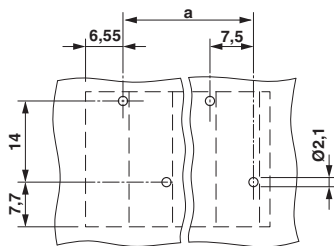
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## Approval details

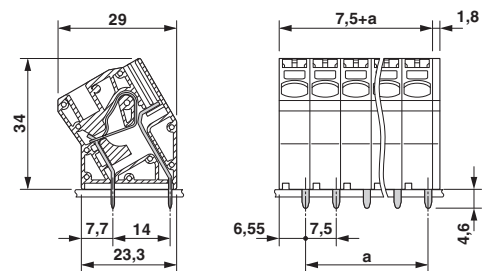
GOST

## Drawings

Drilling diagram

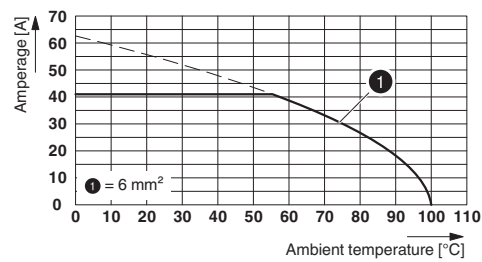


Dimensioned drawing



## PCB connection terminal block - SPTA 5/ 2-7,5-ZB - 1819082

Diagram



Type: SPTA 5/...-7,5

Tested according to DIN EN 60512-5-2:2003-01

Reduction factor = 1

Number of positions: 4

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