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Especialistas en Automatización

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PCB connection terminal block - SPTA 5/ 9-7,5-ZB - 1819150

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PCB terminal block, Nominal current: 41 A, Nom. voltage: 1000 V, Pitch: 7.5 mm, Number of positions: 9, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 30 °, Color: green

The figure shows a 5-pos. version of the product



Key Commercial Data

| | |
|--------------|---------------------|
| Packing unit | 50 STK |
| GTIN | 4 046356 787260 |

Technical data

Dimensions

| | |
|--------------------------|-----------|
| Pitch | 7.50 mm |
| Dimension a | 60 mm |
| Length of the solder pin | 4.6 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 _N | 41 A |

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Technical data

General

| | |
|--|-------------------|
| Nominal cross section | 6 mm ² |
| Insulating material | PA |
| Solder pin surface | Sn |
| Flammability rating according to UL 94 | V0 |
| Stripping length | 15 mm |
| Number of positions | 9 |

Connection data

| | |
|---|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 6 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 6 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 6 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 4 mm ² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 8 |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1.5 mm ² |

Standards and Regulations

| | |
|--|--------|
| Connection in acc. with standard | EN-VDE |
| Flammability rating according to UL 94 | V0 |

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 |
| eCl@ss 9.0 | 27440401 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002643 |
| ETIM 5.0 | EC002643 |

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Classifications

UNSPSC

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

Approvals

Approvals

Approvals

EAC / cULus Recognized

Ex Approvals

Approvals submitted

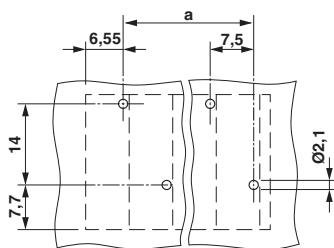
Approval details

| |
|-----|
| EAC |
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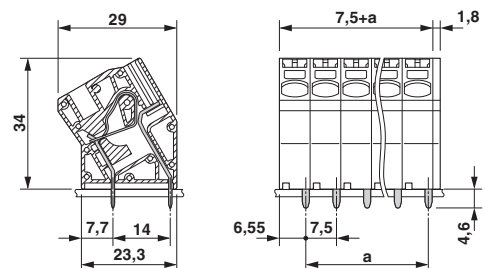
| | | |
|--------------------------------|-------|-------|
| cULus Recognized | | |
| | B | C |
| mm ² /AWG/kcmil | 24-8 | 24-8 |
| Nominal current I _N | 33 A | 33 A |
| Nominal voltage U _N | 600 V | 600 V |

Drawings

Drilling diagram

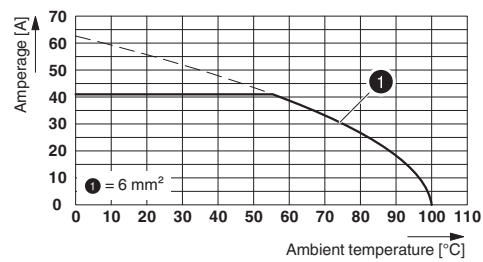


Dimensional drawing



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Diagram



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