

PCB terminal block - SPT 16/ 1-V-10,0 GY - 1829276

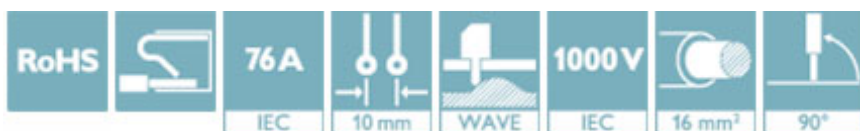
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PCB terminal block, nominal current: 76 A, nom. voltage: 1000 V, pitch: 10 mm, number of positions: 1, connection method: Push-in spring connection, mounting: Wave soldering, color: gray

Your advantages

- Time saving push-in connection, tools not required
- Defined contact force ensures that contact remains stable over the long term
- Clamping space opened by means of fixed screwdriver enables convenient conductor connection
- Vertical connection enables multi-row arrangement on the PCB



Key Commercial Data

| | |
|----------------------|---|
| Packing unit | 1 |
| GTIN |  4 046356 873260 |
| GTIN | 4046356873260 |
| Custom tariff number | 85369010 |

Technical data

Dimensions

| | |
|----------------|---------|
| Length [l] | 29 mm |
| Pitch | 10 mm |
| Width [w] | 11.8 mm |
| Height | 31.3 mm |
| Height [h] | 35.4 mm |
| Solder pin [P] | 4.1 mm |
| Pin spacing | 15 mm |
| Hole diameter | 1.7 mm |

General

| | |
|-----------------------------|-------------|
| Range of articles | SPT 16/..-V |
| Rated surge voltage (III/3) | 8 kV |

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Technical data

General

| | |
|----------------------------------|--------------------|
| Rated surge voltage (III/2) | 8 kV |
| Rated surge voltage (II/2) | 6 kV |
| Rated voltage (III/3) | 1000 V |
| Rated voltage (III/2) | 1000 V |
| Rated voltage (II/2) | 1000 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 76 A |
| Nominal cross section | 16 mm ² |
| Stripping length | 18 mm |
| Number of positions | 1 |

Connection data

| | |
|---|----------------------|
| Conductor cross section AWG min. | 20 |
| Conductor cross section AWG max. | 4 |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.75 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 4 mm ² |

Standards and Regulations

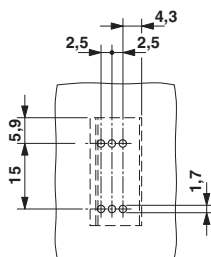
| | |
|----------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
|----------------------------------|--------|

Environmental Product Compliance

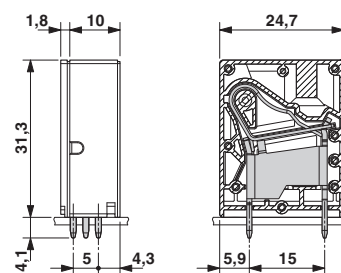
| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Drawings

Drilling diagram



Dimensional drawing



Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27141109 |
| eCl@ss 4.1 | 27141109 |
| eCl@ss 5.0 | 27141190 |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.1 | 27261100 |
| eCl@ss 6.0 | 27261100 |
| eCl@ss 7.0 | 27440401 |
| eCl@ss 8.0 | 27440401 |
| eCl@ss 9.0 | 27440401 |

ETIM

| | |
|----------|----------|
| ETIM 4.0 | EC002643 |
| ETIM 5.0 | EC002643 |
| ETIM 6.0 | EC002643 |

UNSPSC

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

Approvals


Approvals

Approvals

IECEE CB Scheme / SEV / EAC / cULus Recognized


Ex Approvals

Approval details


| | | | |
|--------------------|---|---|---------|
| IECEE CB Scheme |  | http://www.iecee.org/ | CH-8077 |
| Nominal voltage UN | 1000 V | | |
| Nominal current IN | 76 A | | |

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Approvals

| | | | |
|----------------------------|---|---|---------|
| SEV |  | https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html | IK-3431 |
| Nominal voltage UN | | 1000 V | |
| Nominal current IN | | 76 A | |
| mm ² /AWG/kcmil | | 16 | |

| | | |
|-----|---|---------|
| EAC |  | B.01742 |
|-----|---|---------|

| | | | |
|----------------------------|---|---|-----------------|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-20061129 |
| | B | C | |
| Nominal voltage UN | 600 V | 600 V | |
| Nominal current IN | 66 A | 66 A | |
| mm ² /AWG/kcmil | 20-4 | 20-4 | |