

Filter terminal block - PSR-FTB/1.5/11.5 - 2904476


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Terminal block for filtering test pulses from safe semiconductor outputs with adjustable filter values (1.5 μ F/11.5 μ F), as well as for EMC filtering of 24 V signals up to an amperage of 2 A.



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 pc |
| GTIN |  4 046356 831505 |
| GTIN | 4046356831505 |

Technical data

Dimensions

| | |
|--------|--------|
| Width | 6.2 mm |
| Height | 94 mm |
| Depth | 80 mm |

Ambient conditions

| | |
|---|------------------|
| Ambient temperature (operation) | -25 °C ... 55 °C |
| Ambient temperature (storage/transport) | -25 °C ... 70 °C |

Input data

| | |
|--------------------------------|--|
| Nominal input voltage U_N | 24 V DC \pm 20 % (Control voltage U_{ST} right/left) |
| Typical input current at U_N | max. 15 mA |
| Protective circuit | Surge protection |

Output data

| | |
|------------------------------|---|
| Nominal output voltage | 24 V DC \pm 20 % (Control voltage U_{ST} right/left) |
| Nominal output voltage range | 19.2 V DC ... 28.8 V DC (Control voltage U_{ST} right/left) |
| Limiting continuous current | max. 2 A (in total for OUT1 + OUT2) |

Connection data, control circuit

| | |
|-----------------|------------------|
| Connection name | Control circuits |
|-----------------|------------------|

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Technical data

Connection data, control circuit

| | |
|----------------------------------|--|
| Connection method | Push-in connection |
| Stripping length | 8 mm |
| Conductor cross section solid | 0.14 mm ² ... 2.5 mm ² |
| Conductor cross section flexible | 0.14 mm ² ... 2.5 mm ² |
| Conductor cross section AWG | 26 ... 14 |

Connection data load circuit

| | |
|----------------------------------|--|
| Connection name | Load circuit |
| Connection method | Push-in connection |
| Stripping length | 8 mm |
| Conductor cross section solid | 0.14 mm ² ... 2.5 mm ² |
| Conductor cross section flexible | 0.14 mm ² ... 2.5 mm ² |
| Conductor cross section AWG | 26 ... 14 |

General

| | |
|-----------------------|--------------------------------|
| Mounting position | Vertical (horizontal DIN rail) |
| Assembly instructions | In rows with zero spacing |
| Operating mode | 100% operating factor |

Standards and Regulations

| | |
|--------------------------|--|
| Designation | Air clearances and creepage distances between the power circuits |
| Standards/regulations | EN 61131 |
| Rated insulation voltage | 50 V |
| Rated surge voltage | 1.5 kV |
| Insulation | Basic insulation |
| Pollution degree | 2 |
| Overvoltage category | II |

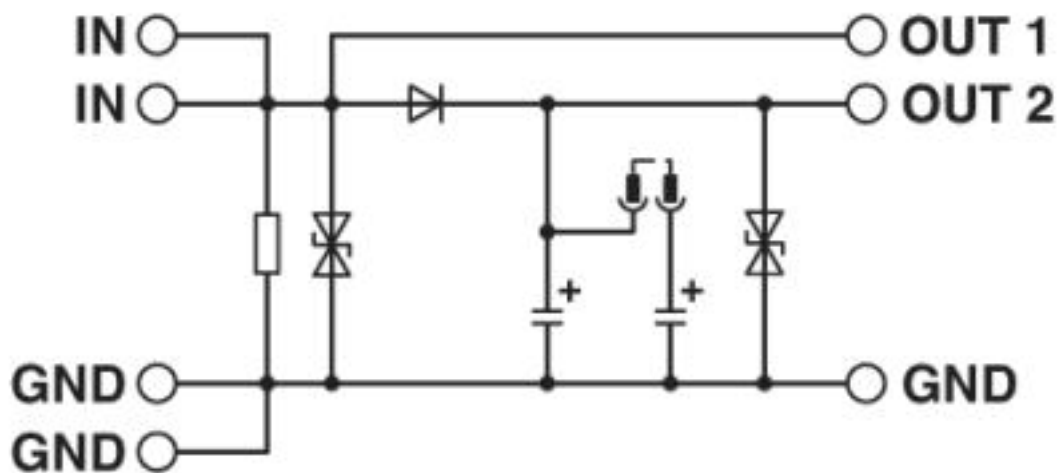
Environmental Product Compliance

| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 years |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

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Circuit diagram



Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27240692 |
| eCl@ss 4.0 | 40020600 |
| eCl@ss 4.1 | 40020600 |
| eCl@ss 5.0 | 27371900 |
| eCl@ss 5.1 | 27371900 |
| eCl@ss 6.0 | 27249200 |
| eCl@ss 7.0 | 27249290 |
| eCl@ss 8.0 | 27249290 |
| eCl@ss 9.0 | 27240692 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001449 |
| ETIM 4.0 | EC002564 |
| ETIM 5.0 | EC002564 |
| ETIM 6.0 | EC002584 |
| ETIM 7.0 | EC002584 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211901 |
| UNSPSC 7.0901 | 39121501 |
| UNSPSC 11 | 39121501 |
| UNSPSC 12.01 | 39121501 |
| UNSPSC 13.2 | 39121552 |
| UNSPSC 18.0 | 39121552 |
| UNSPSC 19.0 | 39121552 |
| UNSPSC 20.0 | 39121552 |

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Classifications

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121552 |
|-------------|----------|

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

| | | |
|-----|--|--------------------------|
| EAC |  | RU C- DE.A*30.B.01082 |
|-----|--|--------------------------|

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