

PCB terminal block - MKDSO 2,5/ 4-R BK - 2869760

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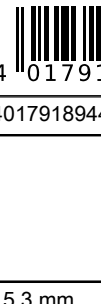
PCB terminal block, nominal current: 24 A, number of positions: 4, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °

Your advantages

- ✓ PCB terminal block for ME/ME MAX electronics housing
- ✓ 5 mm pitch
- ✓ PCB terminal block orthogonal to the PCB



Key Commercial Data

| | |
|--------------|--|
| Packing unit | 50 pc |
| GTIN |  4 017918 944636 |
| GTIN | 4017918944636 |

Technical data

Dimensions

| | |
|---------------|---------|
| Length [l] | 15.3 mm |
| Height | 18 mm |
| Hole diameter | 1.4 mm |

General

| | |
|----------------------------------|--------|
| 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) | 320 V |
| 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 |

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Technical data

General

| | |
|--|---------------------|
| Nominal cross section | 2.5 mm ² |
| Maximum load current | 24 A |
| Flammability rating according to UL 94 | V0 |
| Internal cylindrical gage | A2 |
| Stripping length | 8 mm |
| Number of positions | 4 |
| Screw thread | M3 |
| Tightening torque, min | 0.5 Nm |
| Tightening torque max | 0.6 Nm |

Connection data

| | |
|---|----------------------|
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section flexible min. | 0.14 mm ² |
| Conductor cross section flexible max. | 2.5 mm ² |
| Conductor cross section AWG min. | 26 |
| Conductor cross section AWG max. | 14 |
| 2 conductors with same cross section, solid min. | 0.14 mm ² |
| 2 conductors with same cross section, solid max. | 0.75 mm ² |
| 2 conductors with same cross section, stranded min. | 0.14 mm ² |
| 2 conductors with same cross section, stranded max. | 0.75 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 0.75 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 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 |
| | CSA |
| Flammability rating according to UL 94 | V0 |

Environmental Product Compliance

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

Approvals

Approvals

PCB terminal block - MKDSO 2,5/ 4-R BK - 2869760


Approvals


Approvals


CSA / IEC EE CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized


Ex Approvals

Approval details

| | | | |
|----------------------------|---|---|-------|
| CSA |  | http://www.csagroup.org/services-industries/product-listing/ | 13631 |
| | D | B | |
| Nominal voltage UN | 300 V | 300 V | |
| Nominal current IN | 10 A | 10 A | |
| mm ² /AWG/kcmil | 28-12 | 28-12 | |


| | | | |
|----------------------------|---|---|--------------|
| IECEE CB Scheme |  | http://www.iecee.org/ | CB DE1-60046 |
| Nominal voltage UN | 450 V | | |
| Nominal current IN | 24 A | | |
| mm ² /AWG/kcmil | 2.5 | | |

| | | | |
|---|---|---|----------|
| VDE Gutachten mit Fertigungsüberwachung |  | http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx | 40023968 |
| Nominal voltage UN | 450 V | | |
| Nominal current IN | 24 A | | |
| mm ² /AWG/kcmil | 0.2-2.5 | | |

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

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Approvals

| | | |
|----------------------------|---|---|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-19770427 |
| | D | B |
| Nominal voltage UN | 300 V | 300 V |
| Nominal current IN | 10 A | 20 A |
| mm ² /AWG/kcmil | 30-12 | 30-12 |

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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

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