

PCB terminal block - MKDSO 2,5/ 4-L KMGY - 2908485

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PCB terminal block, Nominal current: 24 A, Nom. voltage: 320 V, Pitch: 5 mm, Number of positions: 4, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Article with lateral pin exit

Why buy this product

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



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 250 STK |
| GTIN |  4 017918 361488 |
| GTIN | 4017918361488 |
| Weight per Piece (excluding packing) | 7.900 g |
| Custom tariff number | 85369010 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|--------------------------|---------|
| Length | 15.3 mm |
| Pitch | 5 mm |
| Dimension a | 15 mm |
| Constructional height | 18 mm |
| Length of the solder pin | 3.5 mm |
| Pin dimensions | 0,8 x 1 |
| Hole diameter | 1.4 mm |

General

| | |
|-------------------|----------------|
| Range of articles | MKDSO 2,5/..-L |
|-------------------|----------------|

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Technical data

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) | 250 V |
| Rated voltage (III/2) | 320 V |
| Rated voltage (II/2) | 630 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 24 A |
| Nominal cross section | 2.5 mm ² |
| Maximum load current | 24 A |
| Insulating material | PA |
| 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 |

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Technical data

Standards and Regulations

| | |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

Environmental Product Compliance

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

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27180401 |
| eCl@ss 4.1 | 27180401 |
| eCl@ss 5.0 | 27180506 |
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27141190 |
| eCl@ss 7.0 | 27141190 |
| eCl@ss 8.0 | 27440401 |
| eCl@ss 9.0 | 27440401 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC001031 |
| ETIM 3.0 | EC001031 |
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002643 |
| ETIM 6.0 | EC002643 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 31261501 |
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11 | 31261501 |
| UNSPSC 12.01 | 31261501 |
| UNSPSC 13.2 | 39121432 |

Approvals

Approvals

Approvals

CSA / VDE Gutachten mit Fertigungsüberwachung / CCA / IECCE CB Scheme / EAC / cULus Recognized

Ex Approvals

PCB terminal block - MKDSO 2,5/ 4-L KMGY - 2908485

Approvals

Approval details

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

| | | | |
|---|---------|---|----------|
| VDE Gutachten mit Fertigungsüberwachung | | http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx | 40023968 |
| | | | |
| mm ² /AWG/kcmil | 0.2-2.5 | | |
| Nominal current IN | 24 A | | |
| Nominal voltage UN | 450 V | | |

| | | | |
|----------------------------|---------------|--|--|
| CCA | CCA/DE1 33724 | | |
| | | | |
| mm ² /AWG/kcmil | 2.5 | | |
| Nominal current IN | 24 A | | |
| Nominal voltage UN | 450 V | | |

| | | | |
|----------------------------|-------|---|-----------|
| IECEE CB Scheme | | http://www.iecee.org/ | DE1-39126 |
| | | | |
| mm ² /AWG/kcmil | 2.5 | | |
| Nominal current IN | 24 A | | |
| Nominal voltage UN | 450 V | | |

| | | |
|-----|--|---------------|
| EAC | | EAC-Zulassung |
|-----|--|---------------|

| | | | |
|----------------------------|-------|---|-----------------|
| cULus Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-19770427 |
| | B | D | |
| mm ² /AWG/kcmil | 30-12 | 30-12 | |

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Approvals

| | B | D |
|--------------------------------|-------|-------|
| Nominal current I _N | 20 A | 10 A |
| Nominal voltage U _N | 300 V | 300 V |

Accessories

Accessories

Mounting material

Components of electronic housing - ME-SAS - 2853899



Shield connection clip for printed circuit terminal block