

PCB terminal block - MKDSO 2,5/ 3-R BK - 2869744

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PCB terminal block, Nominal current: 24 A, Nom. voltage: 400 V, Number of positions: 3, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °

Key commercial data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 6.0 GRM |
| Custom tariff number | 85369010 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|----------------|---------|
| Length | 15.3 mm |
| Pin dimensions | 0,8 x 1 |
| Hole diameter | 1.4 mm |

General

| | |
|---|---------------------|
| Range of articles | MKDSO 2,5/..-R |
| 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 |
| Nominal cross section | 2.5 mm ² |
| Maximum load current | 24 A |
| Inflammability class according to UL 94 | V0 |
| Internal cylindrical gage | A2 |
| Stripping length | 8 mm |
| Number of positions | 3 |
| Screw thread | M3 |
| Tightening torque, min | 0.5 Nm |
| Tightening torque max | 0.6 Nm |

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Technical data

Connection data

| | |
|---|----------------------|
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section stranded min. | 0.14 mm ² |
| Conductor cross section stranded max. | 2.5 mm ² |
| Conductor cross section AWG/kcmil min. | 26 |
| Conductor cross section AWG/kcmil 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 |
| Minimum AWG according to UL/CUL | 30 |
| Maximum AWG according to UL/CUL | 12 |

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 | 27141190 |

ETIM

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

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Classifications

UNSPSC

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

Approvals

Approvals


Approvals


CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / CCA / IEC60335 CB Scheme / GOST / GOST / cULus Recognized

Ex Approvals

Approvals submitted


Approval details

| | | |
|---|-------|-------|
| CSA  | | |
| | B | D |
| mm ² /AWG/kcmil | 28-12 | 28-12 |
| Nominal current I _N | 10 A | 10 A |
| Nominal voltage U _N | 300 V | 300 V |


| | | |
|---|-------|-------|
| UL Recognized  | | |
| | B | D |
| mm ² /AWG/kcmil | 30-12 | 30-12 |
| Nominal current I _N | 20 A | 10 A |
| Nominal voltage U _N | 300 V | 300 V |

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Approvals

VDE Gutachten mit Fertigungsüberwachung 


| | |
|--------------------------------|---------|
| mm ² /AWG/kcmil | 0.2-2.5 |
| Nominal current I _N | 24 A |
| Nominal voltage U _N | 450 V |

cUL Recognized 


| | B | D |
|--------------------------------|-------|-------|
| mm ² /AWG/kcmil | 30-12 | 30-12 |
| Nominal current I _N | 20 A | 10 A |
| Nominal voltage U _N | 300 V | 300 V |

CCA

| | |
|--------------------------------|-------|
| mm ² /AWG/kcmil | 2.5 |
| Nominal current I _N | 24 A |
| Nominal voltage U _N | 450 V |

IECEE CB Scheme 

| | |
|--------------------------------|-------|
| mm ² /AWG/kcmil | 2.5 |
| Nominal current I _N | 24 A |
| Nominal voltage U _N | 450 V |

GOST 

GOST 

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Approvals

