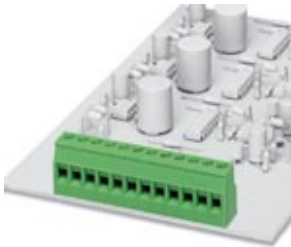


PCB terminal block - MKDSD 2,5/ 2-5,08 - 1730502

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PCB terminal block, Nominal current: 24 A, Nom. voltage: 400 V, Pitch: 5.08 mm, Number of positions: 2, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green

The illustration shows a combination as a 12-position version



Key commercial data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 4.78 GRM |
| Custom tariff number | 85369010 |
| Country of origin | Poland |

Technical data

Dimensions

| | |
|----------------|--------------|
| Length | 11.62 mm |
| Pitch | 5.08 mm |
| Dimension a | 5.08 mm |
| Pin dimensions | 1,1 x 0,8 mm |
| Hole diameter | 1.4 mm |

General

| | |
|-----------------------------|-----------|
| Range of articles | MKDSD 2,5 |
| 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) | 400 V |
| Rated voltage (II/2) | 630 V |

PCB terminal block - MKDSD 2,5/ 2-5,08 - 1730502

Technical data

General

| | |
|---|---------------------|
| 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 |
| Solder pin surface | Sn |
| Inflammability class according to UL 94 | V0 |
| Internal cylindrical gage | A3 |
| Stripping length | 8 mm |
| Number of positions | 2 |
| 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 stranded min. | 0.14 mm ² |
| Conductor cross section stranded max. | 2.5 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 2.5 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 1.5 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 |

PCB terminal block - MKDSD 2,5/ 2-5,08 - 1730502

Technical data

Connection data

| | |
|---------------------------------|----|
| Maximum AWG according to UL/CUL | 12 |
|---------------------------------|----|

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27141109 |
| eCl@ss 4.1 | 27141109 |
| eCl@ss 5.0 | 27141190 |
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27261101 |
| eCl@ss 7.0 | 27440401 |
| eCl@ss 8.0 | 27440401 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002643 |
| ETIM 5.0 | EC002643 |

UNSPSC

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

Approvals

Approvals

Approvals

CSA / UL Recognized / SEV / cUL Recognized / GOST / CCA / GOST / cULus Recognized

Ex Approvals

Approvals submitted

PCB terminal block - MKDSD 2,5/ 2-5,08 - 1730502

Approvals

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 |

| | |
|--------------------------------|-------|
| SEV | |
| mm ² /AWG/kcmil | 2.5 |
| Nominal voltage U _N | 400 V |

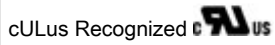
| | | |
|--------------------------------|-------|-------|
| cUL Recognized | | |
| | B | D |
| mm ² /AWG/kcmil | 30-12 | 30-12 |
| Nominal current I _N | 20 A | 10 A |
| Nominal voltage U _N | 300 V | 300 V |

| | |
|------|--|
| GOST | |
|------|--|

| | |
|--------------------------------|-------|
| CCA | |
| mm ² /AWG/kcmil | 2.5 |
| Nominal voltage U _N | 400 V |

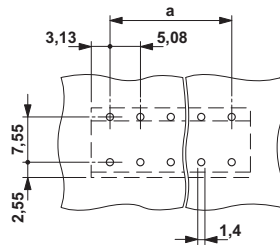
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Approvals



Drawings

Drilling diagram



Dimensioned drawing

