

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, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Article with lateral pin exit

Product Features

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

Key commercial data

| | |
|-------------------------|---------------|
| package_quantity | 250 |
| GTIN | 4017918361488 |

Technical data

Dimensions

| | |
|-----------------------|---------|
| Length | 15.3 mm |
| Pitch | 5 mm |
| Dimension a | 15 mm |
| Pin dimensions | 0,8 x 1 |
| Hole diameter | 1.4 mm |

General

| | |
|--|---------------------|
| Range of articles | MKDSO 2,5/..-L |
| 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 |
| Inflammability class according to UL 94 | V0 |

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Technical data

General

| | |
|---------------------------|--------|
| Internal cylindrical gage | A 2 |
| 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 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 | EC002637 |

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classifications

ETIM

| | |
|-----------------|----------|
| ETIM 5.0 | EC002643 |
|-----------------|----------|

UNSPSC

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

approvals

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

Approval details

| CSA | | |
|----------------------------|-------|-------|
| Usegroups | B | D |
| Nominal voltage UN | 300 V | 300 V |
| Nominal current IN | 10 A | 10 A |
| mm ² /AWG/kcmil | 28-12 | 28-12 |

| UL Recognized | | |
|----------------------------|-------|-------|
| Usegroups | B | D |
| Nominal voltage UN | 300 V | 300 V |
| Nominal current IN | 20 A | 10 A |
| mm ² /AWG/kcmil | 30-12 | 30-12 |

| | |
|--|---------|
| VDE Gutachten mit Fertigungsüberwachung | |
| Nominal voltage UN | 450 V |
| Nominal current IN | 24 A |
| mm ² /AWG/kcmil | 0.2-2.5 |

| | |
|-----------------------|--|
| cUL Recognized | |
|-----------------------|--|

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approvals

| Usegroups | B | D |
|----------------------------|-------|-------|
| Nominal voltage UN | 300 V | 300 V |
| Nominal current IN | 20 A | 10 A |
| mm ² /AWG/kcmil | 30-12 | 30-12 |

GOST

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

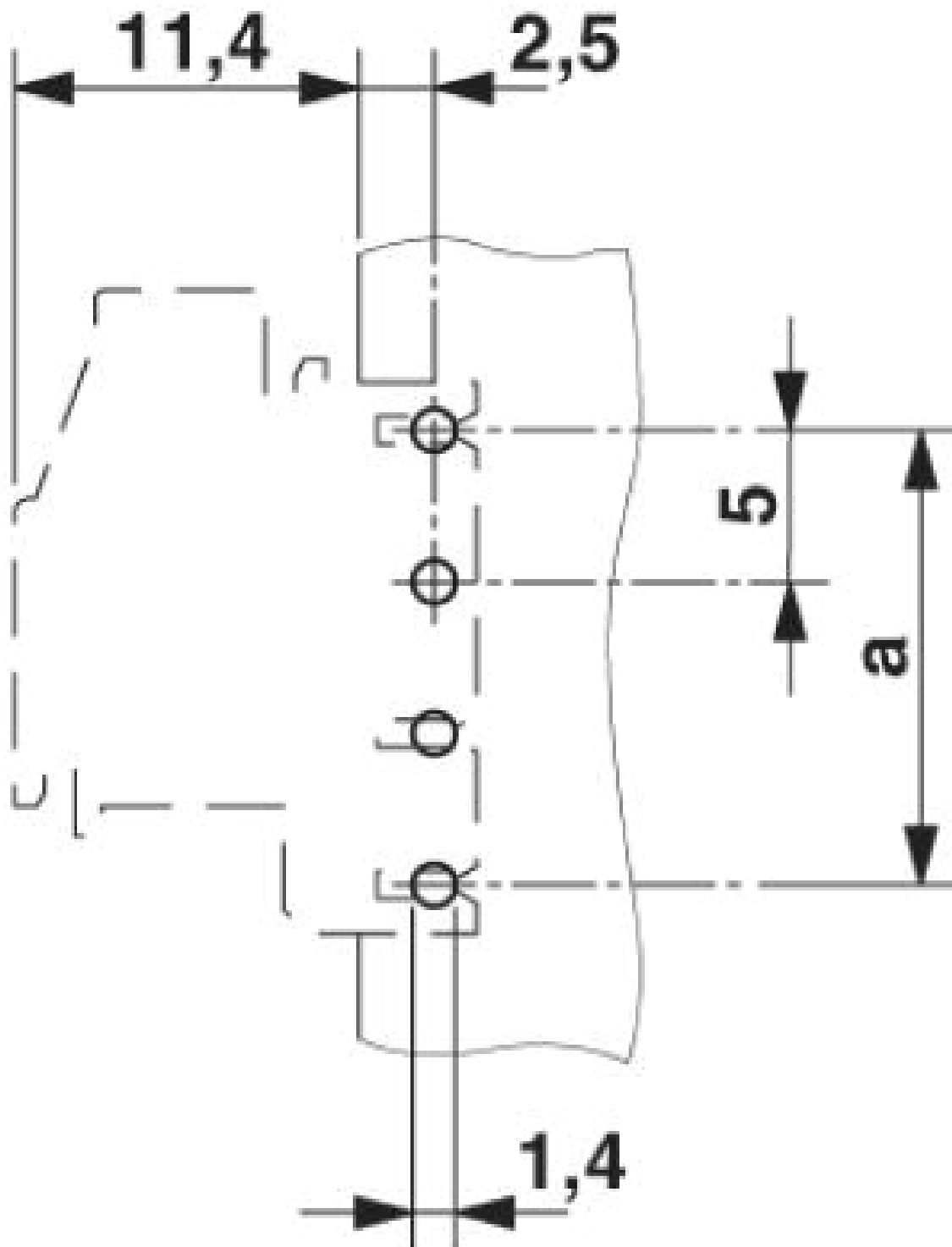
| IECEE CB Scheme | |
|----------------------------|-------|
| Nominal voltage UN | 450 V |
| Nominal current IN | 24 A |
| mm ² /AWG/kcmil | 2.5 |

cULus Recognized

Drawings

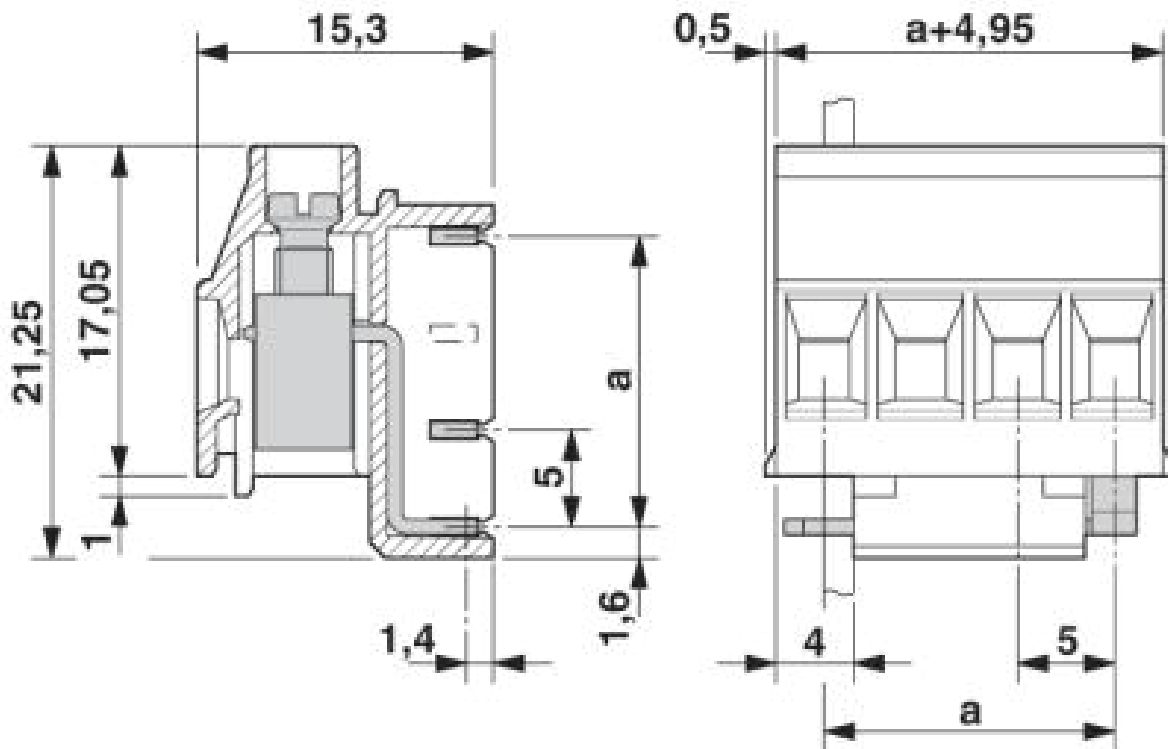
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Drilling diagram

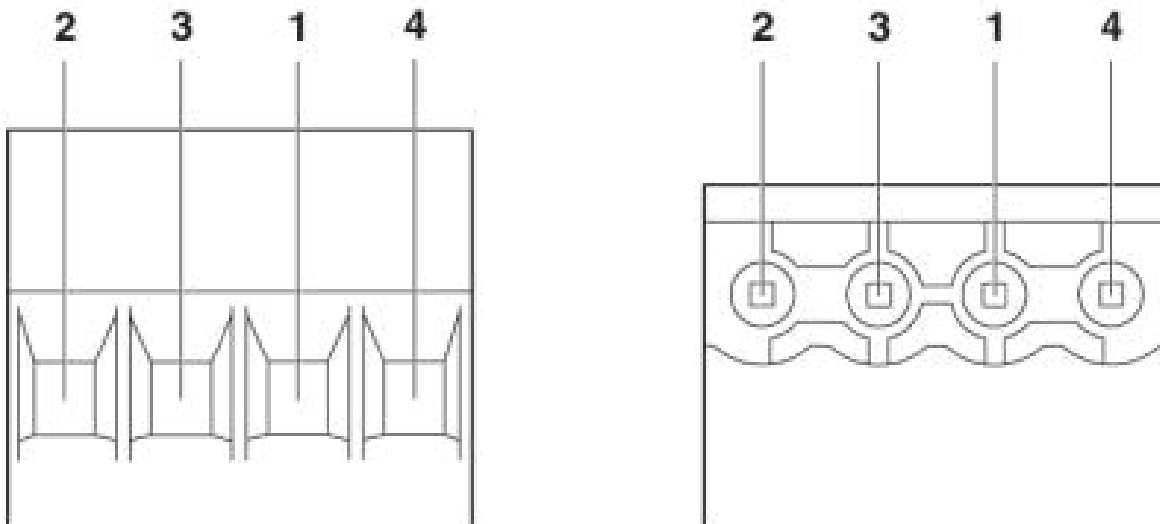


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Dimensioned drawing



Schematic diagram



Pin assignment left