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Stocking Distributor

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Extract from the online catalog

MKDSO 2,5/ 3-R KMGY


Order No.: 2854092



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2854092>

PC terminal block, Nominal current: 24 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 3, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: light gray, Article with lateral pin exit

Commercial data

| | |
|--------------------------|--|
| GTIN (EAN) |  4 017918 459017 |
| sales group | F057 |
| Pack | 50 pcs. |
| Customs tariff | 85369010 |
| Catalog page information | Page 81 (CC-2009) |

Product notes

WEEE/RoHS-compliant since:
01/01/2003



<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

Dimensions / positions

| | |
|---------------------|---------|
| Pitch | 5 mm |
| Dimension a | 10 mm |
| Number of positions | 3 |
| Pin dimensions | 0,8 x 1 |

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| | |
|------------------------|--------|
| Hole diameter | 1.4 mm |
| Screw thread | M3 |
| Tightening torque, min | 0.5 Nm |
| Tightening torque max | 0.6 Nm |

Technical data

| | |
|-------------------------------------|---------------------|
| Range of articles | MKDSO 2,5/..-R |
| 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/2) | 320 V |
| Rated voltage (II/2) | 630 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 24 A |
| Nominal voltage U_N | 250 V |
| Nominal cross section | 2.5 mm ² |
| Maximum load current | 24 A |
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V0 |
| Internal cylindrical gage | A2 |
| Stripping length | 8 mm |
| Nominal voltage, UL/CUL Use Group B | 300 V |
| Nominal current, UL/CUL Use Group B | 20 A |
| Nominal voltage, UL/CUL Use Group D | 300 V |
| Nominal current, UL/CUL Use Group D | 15 A |

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 |
| Minimum AWG according to UL/CUL | 30 |
| Maximum AWG according to UL/CUL | 12 |

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Certificates / Approvals

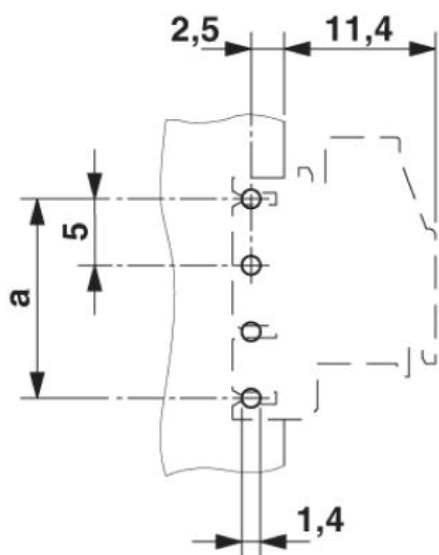


Certification

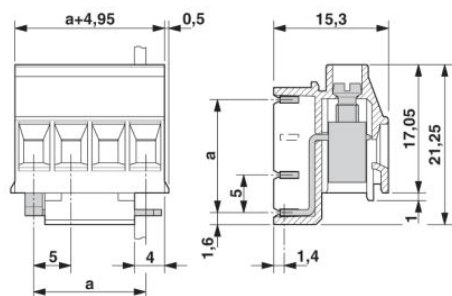
CB, CCA, CSA, CUL, GOST, UL, VDE-PZI

Diagrams/Drawings

Drilling plan/solder pad geometry



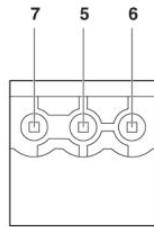
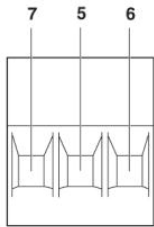
Dimensioned drawing



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Schematic diagram



Pin assignment right

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