


**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)	
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



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www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)  
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**Technical data****Dimensions / positions**

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

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 <sup>2</sup>
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 <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
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

### Certificates / Approvals

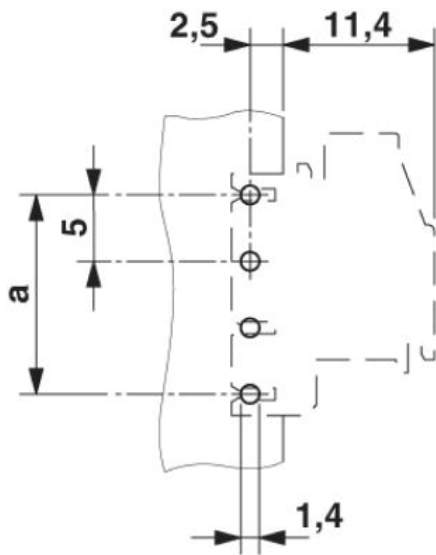


Certification

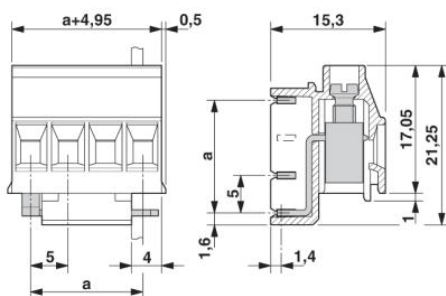
CB, CCA, CSA, CUL, GOST, UL, VDE-PZI

### Diagrams/Drawings

Drilling plan/solder pad geometry

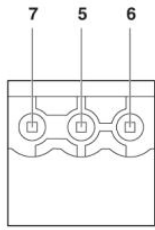
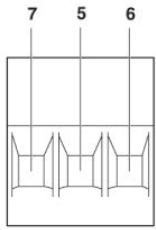


Dimensioned drawing



Schematic diagram

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Pin assignment right

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