


MKDSO 2,5 HV/ 2R-7,5 KMGY

Order No.: 2199773

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2199773>

PC terminal block, Nominal current: 24 A, Nom. voltage: 630 V,
Pitch: 7.5 mm, Number of positions: 2, Connection method: Screw
connection, Mounting: Soldering, Color: gray, Article with lateral pin
exit

Commercial data	
GTIN (EAN)	 4 046356 464253
Note	Made-to-order
sales group	F057
Pack	50 pcs.
Customs tariff	85369010
Catalog page information	Page 173 (NTK-2010)

Product notes

WEEE/RoHS-compliant since:
11/04/2008

[http://
www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)
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Technical data	
Dimensions / positions	
Pitch	7.5 mm
Dimension a	7.5 mm
Number of positions	2

Pin dimensions	0,8 mm x 1 mm
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 HV/..-R
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	600 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	24 A
Maximum load current	24 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A 2
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 C	300 V
Nominal current, UL/CUL Use Group C	20 A
Nominal voltage, UL/CUL Use Group D	600 V
Nominal current, UL/CUL Use Group D	5 A

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 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.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	0.75 mm ²
2 conductors with same cross section, stranded min.	0.25 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.	0.25 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

Certificates / Approvals

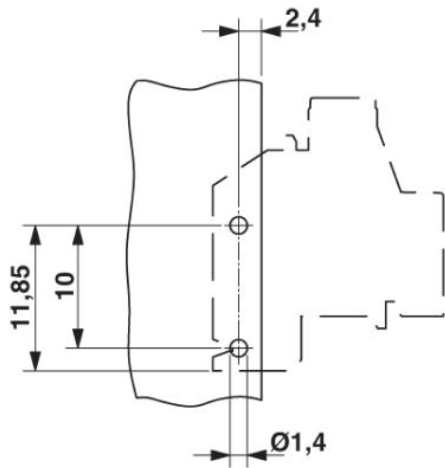


Certification

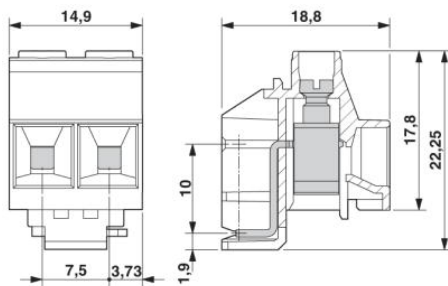
CUL, UL

Diagrams/Drawings

Drilling plan/solder pad geometry



Dimensioned drawing



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