

Printed-circuit board connector - MKDSO 1,5/ 4-R-3,5 KMGY - 2278429

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PCB terminal block, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.5 mm, Number of positions: 4, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Article with lateral pin exit

Why buy this product

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



Key commercial data

Packing unit	50 pc
GTIN	 4 046356 293037
Weight per Piece (excluding packing)	4.48 g
Custom tariff number	85369010
Country of origin	China
Note	Made to Order (non-returnable)

Technical data

Dimensions

Pitch	3.5 mm
Dimension a	10.5 mm
Pin dimensions	0,8 x 0,8 mm
Pin spacing	3.5 mm
Hole diameter	1.2 mm

General

Range of articles	MKDSO 1,5/...-R
Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV

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Technical data

General

Rated voltage (III/3)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	8 A
Nominal cross section	1.5 mm ²
Maximum load current	8 A
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A1
Stripping length	7 mm
Number of positions	4
Screw thread	M2
Tightening torque, min	0.22 Nm
Tightening torque max	0.25 Nm

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	1.5 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.	1.5 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.	0.5 mm ²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	16
2 conductors with same cross section, solid min.	0.08 mm ²
2 conductors with same cross section, solid max.	0.5 mm ²
2 conductors with same cross section, stranded min.	0.08 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.	0.34 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.	0.5 mm ²

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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	27440401

ETIM

ETIM 2.0	EC001031
ETIM 3.0	EC001031
ETIM 4.0	EC002643
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

Approvals

Approvals

UL Recognized / cUL Recognized / VDE Zeichengenehmigung / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized	
	B
mm ² /AWG/kcmil	28-16

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Approvals

	B
Nominal current IN	8 A
Nominal voltage UN	300 V

cUL Recognized

	B
mm ² /AWG/kcmil	28-16
Nominal current IN	8 A
Nominal voltage UN	300 V

VDE Zeichengenehmigung

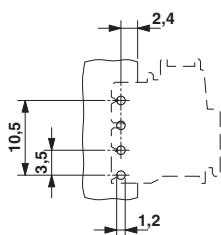
mm ² /AWG/kcmil	1.5
Nominal current IN	8 A
Nominal voltage UN	160 V

EAC

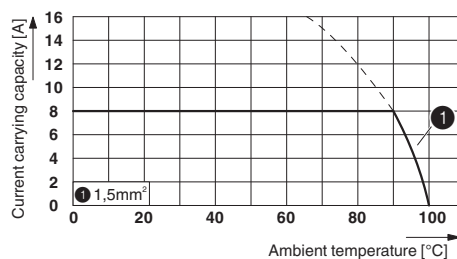
cULus Recognized

Drawings

Drilling diagram



Diagram



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Dimensioned drawing

