

PCB terminal block - MKDSO 2,5/ 4-R RD - 2909413

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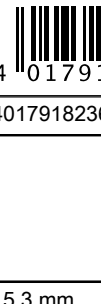
PCB terminal block, nominal current: 24 A, nom. voltage: 400 V, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °

Why buy this product

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



Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 236649
GTIN	4017918236649

Technical data

Dimensions

Length [l]	15.3 mm
Constructional height	18 mm
Pin dimensions	0,8 x 1
Hole diameter	1.4 mm

General

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)	320 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	24 A

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Technical data

General

Nominal cross section	2.5 mm ²
Maximum load current	24 A
Flammability rating according to UL 94	V0
Internal cylindrical gage	A2
Stripping length	8 mm
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 flexible min.	0.14 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG 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

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Approvals

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CSA / VDE Gutachten mit Fertigungsüberwachung / IEC EE CB Scheme / cULus Recognized / EAC

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
		B	D
mm ² /AWG/kcmil		28-12	28-12
Nominal current IN		10 A	10 A
Nominal voltage UN		300 V	300 V

VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40023968
mm ² /AWG/kcmil		0.2-2.5	
Nominal current IN		24 A	
Nominal voltage UN		450 V	

IECEE CB Scheme		http://www.iecee.org/	CB DE1-60046
mm ² /AWG/kcmil		2.5	
Nominal current IN		24 A	
Nominal voltage UN		450 V	

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19770427
		B	D
mm ² /AWG/kcmil		30-12	30-12
Nominal current IN		20 A	10 A
Nominal voltage UN		300 V	300 V

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Approvals

EAC



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