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PCB terminal block - MKDSO 2,5 HV/ 2R-7,5 KMGY - 2199773

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PCB terminal block, Nominal current: 24 A, Nom. voltage: 630 V, Pitch: 7.5 mm, Number of positions: 2, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Article with lateral pin exit

Why buy this product

- PCB terminal block for ME MAX electronics housing
- PCB terminal block orthogonal to the PCB
- 7.5 mm pitch
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Key Commercial Data

Packing unit	50 STK
Minimum order quantity	50 STK
GTIN	 4 046356 464253
GTIN	4046356464253
Custom tariff number	8536909000
Sales Key	ACHADA

Technical data

Dimensions

Pitch	7.5 mm
Dimension a	7.5 mm
Length of the solder pin	3.5 mm
Pin dimensions	0,8 mm x 1 mm
Hole diameter	1.4 mm

General

Range of articles	MKDSO 2,5 HV/...-R
Insulating material group	I
Rated surge voltage (III/3)	6 kV

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Technical data

General

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
Nominal cross section	2.5 mm ²
Maximum load current	24 A
Insulating material	PA
Flammability rating according to UL 94	V0
Internal cylindrical gage	A2
Stripping length	8 mm
Number of positions	2
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG 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

Standards and Regulations

<https://www.phoenixcontact.com/cn/products/2199773>



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Technical data

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
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


Approvals

Approvals


VDE Gutachten mit Fertigungsüberwachung / CCA / IECEE CB Scheme / EAC / cULus Recognized

Ex Approvals

Approval details

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx	40023968
mm ² /AWG/kcmil		0.2-2.5	
Nominal current I _N		24 A	
Nominal voltage U _N		750 V	

CCA			CCA/DE1 33724
mm ² /AWG/kcmil		2.5	
Nominal current I _N		24 A	
Nominal voltage U _N		750 V	

IECEE CB Scheme		http://www.iecee.org/	DE1-39126
mm ² /AWG/kcmil		2.5	
Nominal current I _N		24 A	

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Approvals

Nominal voltage UN	750 V
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EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19770427
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	B	C	D
mm ² /AWG/kcmil	30-12	30-12	30-12
Nominal current I _N	20 A	20 A	5 A
Nominal voltage UN	300 V	300 V	600 V

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