

PCB terminal block - FKDSO 2,5/ 4-R KMGY - 2200320

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PCB terminal block, nominal current: 22 A, nom. voltage: 250 V, pitch: 5 mm, number of positions: 4, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: light gray. Article with lateral pin exit

Why buy this product

- ✓ Spring-cage PCB terminal block for ME/ME MAX electronics housing
- ✓ Push-in Technology simplifies connection
- ✓ 5 mm pitch
- ✓



Key Commercial Data

Packing unit	50 STK
GTIN	 4 046356 563857
GTIN	4046356563857

Technical data

Dimensions

Length [l]	25.9 mm
Pitch	5 mm
Dimension a	15 mm
Constructional height	24 mm
Height [h]	26.5 mm
Solder pin [P]	3.5 mm
Pin dimensions	0,8 x 1,0 mm
Pin spacing	7.62 mm
Hole diameter	1.4 mm

General

Range of articles	FKDSO 2,5/...-R
Insulating material group	I

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Technical data

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)	250 V
Rated voltage (III/2)	250 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	22 A
Nominal cross section	2.5 mm ²
Maximum load current	22 A
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	10 mm
Number of positions	4

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, 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
	CUL
Flammability rating according to UL 94	V0

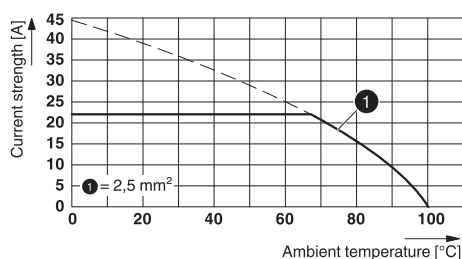
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

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Diagram



Type: FKDSO 2,5/...-L(R)

Tested according to DIN EN 60512-5-2:2003-01

Reduction factor = 1

Number of positions: 4

Approvals

Approvals

Approvals

VDE Gutachten mit Fertigungsüberwachung / IECCEB 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	40033478
mm²/AWG/kcmil	0.2-2.5		
Nominal current I _N	22 A		
Nominal voltage U _N	250 V		

IECEE CB Scheme		http://www.iecee.org/	DE1-59403
mm²/AWG/kcmil	0.2-2.5		
Nominal current I _N	22 A		
Nominal voltage U _N	250 V		

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Approvals

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20110930
	B	D	
mm ² /AWG/kcmil	24-14	24-14	
Nominal current I _N	10 A	5 A	
Nominal voltage U _N	300 V	300 V	

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