

## 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	
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
Rated surge voltage (III/3)	4 kV

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## Technical data

### General

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 <sub>N</sub>	22 A
Nominal cross section	2.5 mm <sup>2</sup>
Maximum load current	22 A
Insulating material	PA
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 <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
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 <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm <sup>2</sup>

### Standards and Regulations

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

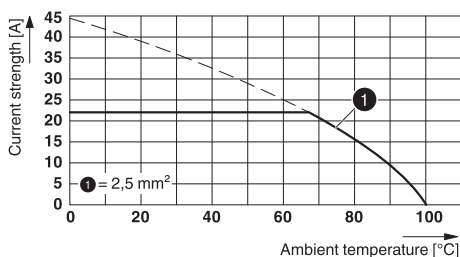
### Environmental Product Compliance

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

## Drawings

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

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		<a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a>	40033478
Nominal voltage UN	250 V		
Nominal current IN	22 A		
mm²/AWG/kcmil	0.2-2.5		

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-59403
Nominal voltage UN	250 V		
Nominal current IN	22 A		
mm²/AWG/kcmil	0.2-2.5		

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## Approvals

EAC		B.01742
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-20110930
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	D	B
Nominal voltage UN	300 V	300 V
Nominal current IN	5 A	10 A
mm <sup>2</sup> /AWG/kcmil	24-14	24-14

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