

## PCB terminal block - FKDSO 2,5/ 4-L KMGY - 2200319

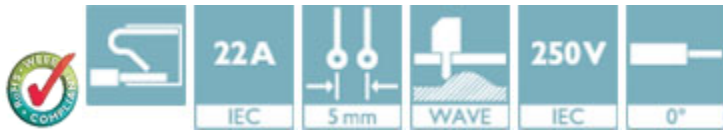
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PCB terminal block, Nominal current: 22 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 4, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 0°, Color: light gray, Article with lateral pin exit

### Product Features

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



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	5.2 g
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Dimensions

Length	25.9 mm
Pitch	5.00 mm
Dimension a	15 mm
Constructional height	24 mm
Height	26.5 mm
Length of the solder pin	3.5 mm
Pin dimensions	0,8 x 1,0 mm
Pin spacing	5.08 mm
Hole diameter	1.4 mm

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### Technical data

#### General

Range of articles	FKDSO 2,5/...-L
Insulating material group	I
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)	250 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	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

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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
eCl@ss 9.0	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

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#### Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / CCA / IEC60335 CB Scheme / EAC / EAC / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

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## Approvals

UL Recognized 

	B	D
mm <sup>2</sup> /AWG/kcmil	24-14	24-14
Nominal current I <sub>N</sub>	10 A	5 A
Nominal voltage U <sub>N</sub>	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung 


mm <sup>2</sup> /AWG/kcmil	0.2-2.5
Nominal current I <sub>N</sub>	22 A
Nominal voltage U <sub>N</sub>	250 V

cUL Recognized 

	B	D
mm <sup>2</sup> /AWG/kcmil	24-14	24-14
Nominal current I <sub>N</sub>	10 A	5 A
Nominal voltage U <sub>N</sub>	300 V	300 V

CCA

mm <sup>2</sup> /AWG/kcmil	0.2-2.5
Nominal current I <sub>N</sub>	22 A
Nominal voltage U <sub>N</sub>	250 V

IECEE CB Scheme 

mm <sup>2</sup> /AWG/kcmil	0.2-2.5
Nominal current I <sub>N</sub>	22 A
Nominal voltage U <sub>N</sub>	250 V

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## Approvals

EAC

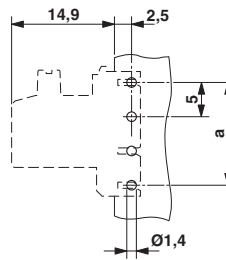
EAC

cULus Recognized

## Drawings

Dimensional drawing

Drilling diagram



Dimensional drawings can be found under Downloads Design-In

Diagram

