

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

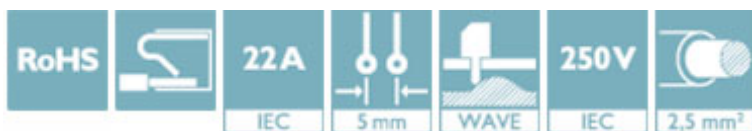
Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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	4046356563840

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	5.08 mm
Hole diameter	1.4 mm

General

Range of articles	FKDSO 2,5/..-L
Insulating material group	I
Rated surge voltage (III/3)	4 kV

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

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 _N	22 A
Nominal cross section	2.5 mm ²
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 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

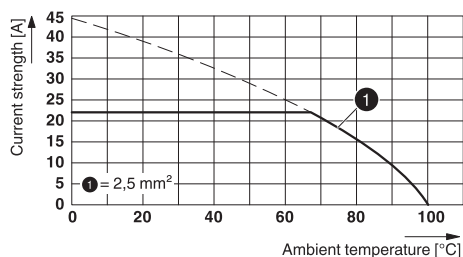
Environmental Product Compliance

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

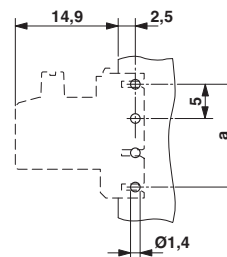
Drawings

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

Diagram



Drilling 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 / IECCE CB Scheme / EAC / cULus Recognized

Ex Approvals

Approval details


VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40033478
Nominal voltage UN	250 V		
Nominal current IN	22 A		
mm²/AWG/kcmil	0.2-2.5		

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

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

Approvals

EAC		B.01742
-----	---	---------

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

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>