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PCB terminal block - FKDSO 2,5/ 2-R1 - 1857840

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PCB terminal block, Nominal current: 20 A, Nom. voltage: 320 V, Pitch: 5 mm, Number of positions: 2, Connection method: Push-in spring connection, Mounting: Wave soldering, Color: green


The figure shows the 4-pos. version of the product

Why buy this product

- Orthogonal alignment of the terminal block with the PCB for optimum accessibility in DIN-rail-mounted devices
- Time saving push-in connection, tools not required
- Intuitive use through colour coded actuation lever



Key Commercial Data

Packing unit	50 STK
GTIN	 4 055626 268361
GTIN	4055626268361
Sales Key	AAACBA

Technical data

Dimensions

Length	18.8 mm
Pitch	5 mm
Dimension a	5 mm
Width	10.6 mm
Height	15.9 mm
Length of the solder pin	3.5 mm
Pin dimensions	0,8 x 1,0 mm
Pin spacing	5 mm
Hole diameter	1.4 mm

General

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Technical data

General

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)	320 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	20 A
Nominal cross section	2.5 mm ²
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	10 mm
Number of positions	2

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.	4 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.	12
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 mm ²

Standards and Regulations

Connection in acc. with standard	EN-VDE
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

Approvals

Approvals

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Approvals


Approvals


VDE approval of drawings / cULus Recognized / IECCEB Scheme

Ex Approvals

Approval details

VDE approval of drawings		http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx	40043675
mm ² /AWG/kcmil	0.2-4		
Nominal current I _N	20 A		
Nominal voltage U _N	320 V		

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20110930
	B	D	
mm ² /AWG/kcmil	24-12	24-12	
Nominal current I _N	20 A	15 A	
Nominal voltage U _N	300 V	150 V	

IECEE CB Scheme		http://www.iecee.org/	DE1-56776
mm ² /AWG/kcmil	0.2-4		
Nominal current I _N	20 A		
Nominal voltage U _N	320 V		

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