

PCB terminal block - FFKDSA1/V-5,08 - 1791855

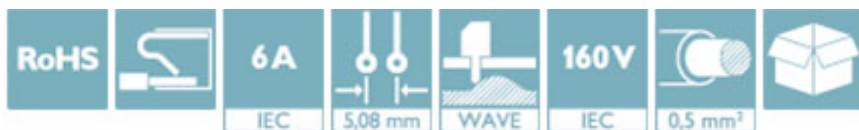
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PCB terminal block, Nominal current: 6 A, Nom. voltage: 160 V, Pitch: 5.08 mm, Number of positions: 1, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 90 °, Color: green

Why buy this product

- ✓ Time saving push-in connection, tools not required
- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Intuitive use through colour coded actuation lever
- ✓ Operation and conductor connection from one direction enable integration into front of device
- ✓ Two solder pins reduce the mechanical strain on the soldering spots
- ✓ The latching on the side enables various numbers of positions to be combined
- ✓ Vertical connection enables multi-row arrangement on the PCB



Key Commercial Data

Packing unit	250 STK
GTIN	 4 017918 044466
GTIN	4017918044466
Weight per Piece (excluding packing)	0.690 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	12.6 mm
Pitch	5.08 mm
Constructional height	14 mm
Length of the solder pin	3.4 mm
Pin dimensions	0,5 x 0,8 mm
Hole diameter	1.1 mm

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Technical data

General

Range of articles	FFKDS(A)/V
Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	63 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	6 A
Nominal cross section	0.5 mm ²
Maximum load current	6 A (with 0.5 mm ² conductor cross section)
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	11 mm
Number of positions	1

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	0.5 mm ²
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	0.5 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	20

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA
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

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CSA / UL Recognized / KEMA-KEUR / cUL Recognized / CCA / IECCEB CB Scheme / EAC / cULus Recognized


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Approvals


Ex Approvals

Approval details

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
		B	
mm ² /AWG/kcmil	20		
Nominal current IN	6 A		
Nominal voltage UN	150 V		

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
		B	
mm ² /AWG/kcmil	26-20		
Nominal current IN	6 A		
Nominal voltage UN	150 V		


KEMA-KEUR		http://www.dekra-certification.com	2160724.01
mm ² /AWG/kcmil	0.5		
Nominal voltage UN	63 V		

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
		B	
mm ² /AWG/kcmil	26-20		
Nominal current IN	6 A		
Nominal voltage UN	150 V		


CCA			NTR NL-7074
mm ² /AWG/kcmil	0.5		
Nominal voltage UN	63 V		

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Approvals

IECEE CB Scheme		http://www.iecee.org/	NL-25836
mm ² /AWG/kcmil		0.5	
Nominal voltage UN		63 V	

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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