

PCB terminal block - FFKDSA1/V-6,35 - 1789621

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PCB terminal block, nominal current: 12 A, nom. voltage: 160 V, pitch: 3.81 mm, number of positions: 1, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: green. End terminal block for terminating custom-grouped blocks.

Your advantages

- ✓ 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	1 pc
Minimum order quantity	50 pc
GTIN	 4 017918 044091
GTIN	4017918044091
Weight per Piece (excluding packing)	1.260 g
Custom tariff number	85369010
Country of origin	Greece

Technical data

Dimensions

Length [l]	12.7 mm
Pitch	3.81 mm

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Technical data

Dimensions

Width [w]	6.35 mm
Height	13.7 mm
Height [h]	17.1 mm
Solder pin [P]	3.4 mm
Hole diameter	1.3 mm

General

Range of articles	FFKDS(A) 1,5/...-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)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Nominal cross section	1 mm ²
Maximum load current	6 A (with 1 mm ² conductor cross section)
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	10 mm
Number of positions	1

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	1 mm ²
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	1 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.	0.34 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.	0.34 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	18

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA

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Technical data

Standards and Regulations

Flammability rating according to UL 94	V0
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Environmental Product Compliance

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

Classifications

eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27261100
eCl@ss 6.0	27261100
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643
ETIM 6.0	EC002643

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

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CSA / CCA / KEMA-KEUR / IECCE CB Scheme / EAC / cULus Recognized

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Approvals

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
		B	
Nominal voltage UN		150 V	
Nominal current IN		10 A	
mm²/AWG/kcmil		26-18	

CCA			NTR NL-7074
Nominal voltage UN		130 V	
mm²/AWG/kcmil		1	

KEMA-KEUR		http://www.dekra-certification.com	2160724.01
Nominal voltage UN		130 V	
mm²/AWG/kcmil		1	

IECEE CB Scheme		http://www.iecee.org/	NL-25836
Nominal voltage UN		130 V	
mm²/AWG/kcmil		1	

EAC			B.01742
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Approvals

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19870330
	D	B	
Nominal voltage UN	300 V	300 V	
Nominal current IN	6 A	6 A	
mm²/AWG/kcmil	26-16	26-16	

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