

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

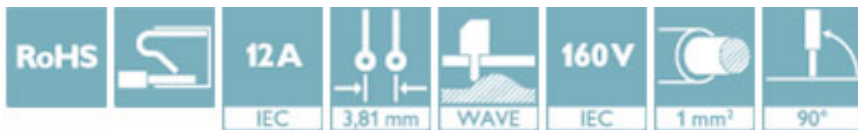
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PCB terminal block, nominal current: 12 A, nom. voltage: 160 V, pitch: 3.81 mm, number of positions: 1, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: green. End terminal block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

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	50 STK
Minimum order quantity	50 STK
GTIN	 4 017918 044091
GTIN	4017918044091
Weight per Piece (excluding packing)	1.020 g
Custom tariff number	85369010
Country of origin	Greece

Technical data

Dimensions

Length [l]	12.7 mm
Pitch	3.81 mm
Width [w]	6.35 mm
Constructional height	14 mm
Height [h]	17.4 mm

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Technical data

Dimensions

Solder pin [P]	3.4 mm
Pin dimensions	0,5 x 1 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
Solder pin surface	Sn
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
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
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Technical data

Environmental Product Compliance

	No hazardous substances above threshold values
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Classifications

eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
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 / UL Recognized / KEMA-KEUR / cUL Recognized / CCA / IECCEB CB Scheme / EAC / cULus Recognized

Ex Approvals

Approval details

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Approvals

CSA		13631
		B
mm ² /AWG/kcmil		26-18
Nominal current IN		10 A
Nominal voltage UN		150 V

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
		B	D
mm ² /AWG/kcmil		26-16	26-16
Nominal current IN		6 A	6 A
Nominal voltage UN		300 V	300 V

KEMA-KEUR		http://www.dekra-certification.com	2160724.01
mm ² /AWG/kcmil		1.0	
Nominal voltage UN		130 V	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
		B	D
mm ² /AWG/kcmil		26-16	26-16
Nominal current IN		6 A	6 A
Nominal voltage UN		300 V	300 V


CCA		NTR NL-7074
mm ² /AWG/kcmil		1.0
Nominal voltage UN		130 V

IECEE CB Scheme		http://www.iecee.org/	NL-25836
mm ² /AWG/kcmil		1.0	
Nominal voltage UN		130 V	

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Approvals

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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