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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## PCB terminal block - FFKDSA1/H-6,35 - 1789634

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PC terminal block, Nominal current: 12 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 1, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green, The article can be aligned to create different nos. of positions!

### Why buy this product

- PCB terminal blocks with front spring-cage connection
- Two solder pins for a high level of stability on the PCB
- Push-in direct plug-in technology for solid or stranded conductors with ferrules
- When connecting stranded conductors without ferrules, the terminal point is opened using an orange opening lever

### Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 137 (CC-2011)
GTIN	 4 017918 044107
Custom tariff number	85369010
Country of origin	POLAND

### Technical data

#### Dimensions / positions

Length	13.6 mm
Width	6.35 mm
Pitch	3.81 mm
Number of positions	1
Pin dimensions	0,5 x 1 mm
Hole diameter	1.3 mm

#### Technical data

Range of articles	FFKDS(A)/H
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

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## Technical data

### Technical data

Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	12 A
Nominal cross section	1 mm <sup>2</sup>
Maximum load current	12 A (with 1 mm <sup>2</sup> conductor cross section)
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	10 mm
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	6 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	6 A

### Connection data

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	1 mm <sup>2</sup>
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	1 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	0.34 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.34 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	18
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	16

## Classifications

### eclass

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

### etim

ETIM 3.0	EC001121
ETIM 4.0	EC002643

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## Classifications

### etim

ETIM 5.0	EC002643
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### unspsc

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

## Approvals

### Approvals


#### Approvals


CSA / UL Recognized / KEMA-KEUR / cUL Recognized / GOST / CCA / GOST / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details

		
		B
mm <sup>2</sup> /AWG/kcmil	26-18	
Nominal current I <sub>N</sub>	10 A	
Nominal voltage U <sub>N</sub>	150 V	

		
	B	D
mm <sup>2</sup> /AWG/kcmil	26-16	26-16
Nominal current I <sub>N</sub>	6 A	6 A
Nominal voltage U <sub>N</sub>	300 V	300 V

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## Approvals

KEMA-KEUR	
mm <sup>2</sup> /AWG/kcmil	1
Nominal voltage UN	130 V

cUL Recognized		
	B	D
mm <sup>2</sup> /AWG/kcmil	26-16	26-16
Nominal current I <sub>N</sub>	6 A	6 A
Nominal voltage UN	300 V	300 V

GOST	
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CCA	
mm <sup>2</sup> /AWG/kcmil	1
Nominal voltage UN	130 V

GOST	
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cULus Recognized	
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