

## PCB terminal block - FFKDS/V-2,54 - 1791813

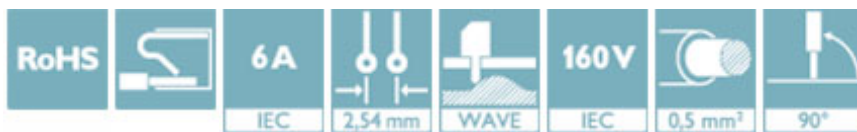
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PCB terminal block, nominal current: 6 A, nom. voltage: 160 V, pitch: 2.54 mm, number of positions: 1, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: green. Single module for the custom grouping of different numbers of positions. An end terminal block is also needed to terminate the block (see accessories). Blocked items with different numbers of positions are also available.

### 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
Minimum order quantity	250 STK
GTIN	
GTIN	4017918044442
Weight per Piece (excluding packing)	0.460 g
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Dimensions

Length [ l ]	12.6 mm
Pitch	2.54 mm
Width [ w ]	5.04 mm
Constructional height	13.6 mm
Height [ h ]	17 mm

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## Technical data

### Dimensions

Solder pin [P]	3.4 mm
Pin dimensions	0,5 x 0,8 mm
Pin spacing	5.08 mm
Hole diameter	1.1 mm

### General

Range of articles	FFKDS(A) 0,5/..-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)	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 <sup>2</sup>
Maximum load current	6 A (with 0.5 mm <sup>2</sup> 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 <sup>2</sup>
Conductor cross section solid max.	0.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.14 mm <sup>2</sup>
Conductor cross section flexible max.	0.5 mm <sup>2</sup>
Conductor cross section AWG min.	26
Conductor cross section AWG max.	20

### Standards and Regulations

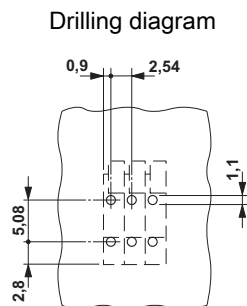
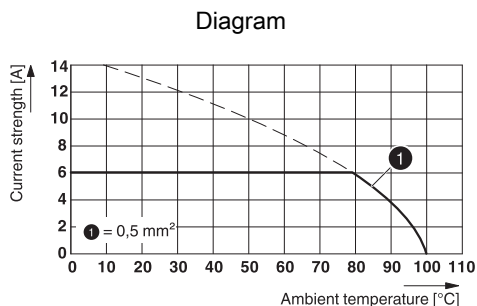
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

### Environmental Product Compliance

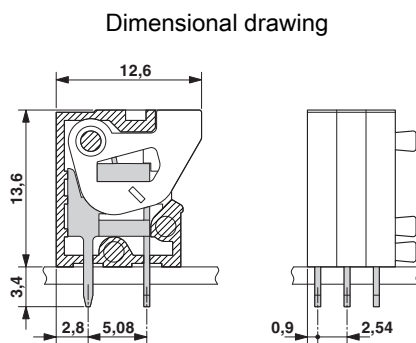
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

# PCB terminal block - FFKDS/V-2,54 - 1791813



Type: FFKDS/V-2,54  
 Tested according to DIN EN 60512-5-2:2003-01  
 Reduction factor = 1  
 Number of positions: 5



## 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

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## Classifications

### UNSPSC

UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

## Approvals


### Approvals


#### Approvals


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

#### Ex Approvals

### Approval details

CSA		13631
		B
mm <sup>2</sup> /AWG/kcmil		20
Nominal current I <sub>N</sub>		6 A
Nominal voltage U <sub>N</sub>		150 V

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
			B
mm <sup>2</sup> /AWG/kcmil			26-20
Nominal current I <sub>N</sub>			6 A
Nominal voltage U <sub>N</sub>			150 V

KEMA-KEUR		<a href="http://www.dekra-certification.com">http://www.dekra-certification.com</a>	2160724.01
mm <sup>2</sup> /AWG/kcmil			0.5
Nominal voltage U <sub>N</sub>			63 V

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## Approvals

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

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

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	NL-25836
mm <sup>2</sup> /AWG/kcmil	0.5		
Nominal voltage UN	63 V		

EAC		B.01742	
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>
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## Accessories

### Accessories

#### Connector

Ferrule - AI 0,25-10 YE - 3241128



Ferrule, sleeve length: 10 mm, length: 14.5 mm, color: yellow

#### Labeled terminal marker

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### Accessories

Marker card - SK 2,54/2,8:FORTL.ZAHLEN - 0804853



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: adhesive, for terminal block width: 2.54 mm, Lettering field: 2.54 x 2.8 mm

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### Marker pen

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

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### Terminal marking

Marker strip - SK 2,8 WH:REEL - 0805205



Marker strip, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK S1.1, Mounting type: adhesive, for terminal block width: 90000 mm, Lettering field: continuous x 2.8 mm

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Marker card - SK U/2,8 WH:UNBEDRUCKT - 0803883



Marker card, Sheet, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, Office printing systems, Mounting type: adhesive, for terminal block width: 210 mm, Lettering field: 186 x 2.8 mm

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### Necessary add-on products

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



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. End terminal block for terminating custom-grouped blocks.

