

# PCB terminal block - FFKDSA1/V-2,54-10 - 1789401

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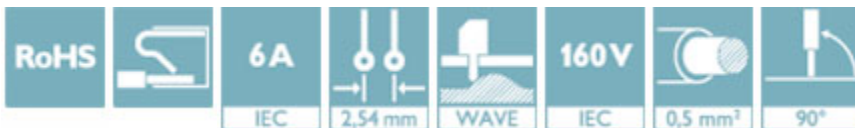


PCB terminal block, nominal current: 6 A, nom. voltage: 160 V, pitch: 2.54 mm, number of positions: 10, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: green. The article can be aligned to create different nos. of positions!

The figure shows the 10-position version

## 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	1 STK
Minimum order quantity	10 STK
GTIN	
GTIN	4017918233402
Weight per Piece (excluding packing)	5.700 g
Custom tariff number	85369010
Country of origin	Germany

## Technical data

### Dimensions

Length [ l ]	12.6 mm
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## Technical data

### Dimensions

Pitch	2.54 mm
Dimension a	22.86 mm
Width [ w ]	27.9 mm
Constructional height	13.6 mm
Height [ h ]	17 mm
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 <sub>N</sub>	6 A
Nominal cross section	0.5 mm <sup>2</sup>
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	11 mm
Number of positions	10

### Connection data

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
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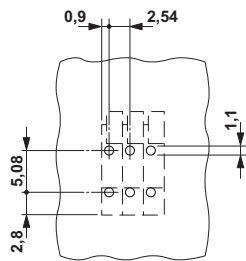
## Technical data

### Environmental Product Compliance

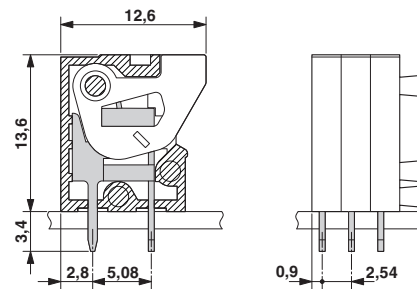
	No hazardous substances above threshold values
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## Drawings

Drilling diagram



Dimensional drawing



## 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

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## Approvals


### Approvals


#### Approvals


CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized


#### Ex Approvals

### Approval details

CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	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

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 I <sub>N</sub>			6 A
Nominal voltage U <sub>N</sub>			150 V

EAC			B.01742
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### Approvals

cULus Recognized



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

### Accessories

#### Accessories

#### Connector

Ferrule - AI 0,25-10 YE - 3241128



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

#### Labeled terminal marker

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 size: 2.54 x 2.8 mm

#### 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

#### Terminal marking

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### Accessories

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 size: 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 size: 186 x 2.8 mm

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