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

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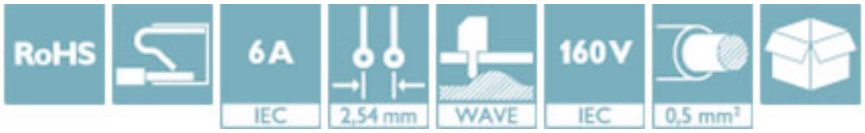
PCB terminal block, Nominal current: 6 A, Nom. voltage: 160 V, Pitch: 2.54 mm, Number of positions: 1, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 90 °, Color: green, The article can be aligned to create different nos. of positions!

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	4 017918 044442
GTIN	4017918044442
Weight per Piece (excluding packing)	0.460 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	12.6 mm
Pitch	2.54 mm
Width	5.04 mm
Constructional height	13.6 mm
Height	17 mm

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Technical data

Dimensions

Length of the solder pin	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)/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 mm²
Maximum load current	6 A (with 0.5 mm² 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 mm²
Conductor cross section solid max.	0.5 mm²
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	0.5 mm²
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

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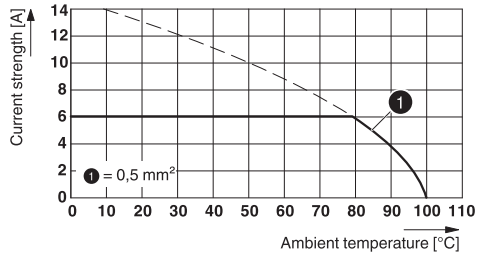
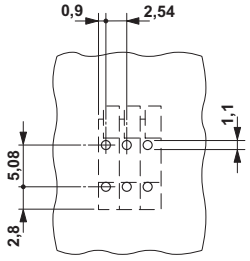
Diagram

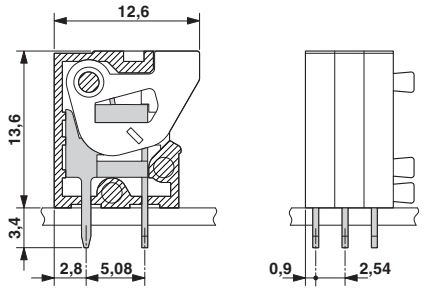


Drilling diagram



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

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

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Classifications

UNSPSC

UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

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

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631

	B
mm²/AWG/kcmil	20
Nominal current IN	6 A
Nominal voltage UN	150 V

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425

	B
mm²/AWG/kcmil	26-20
Nominal current IN	6 A
Nominal voltage UN	150 V

KEMA-KEUR		http://www.dekra-certification.com	2160724.01

mm²/AWG/kcmil	0.5
Nominal voltage UN	63 V

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Approvals

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425

	B
mm²/AWG/kcmil	26-20
Nominal current IN	6 A
Nominal voltage UN	150 V

CCA	NTR NL-7074
mm²/AWG/kcmil	0.5
Nominal voltage UN	63 V

IECEE CB Scheme		http://www.iecee.org/	NL-25836

mm²/AWG/kcmil	0.5
Nominal voltage UN	63 V

EAC		B.01742

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

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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

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

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

Marker strip, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK X, THERMOMARK S1.1, THERMOMARK ROLL X1, Mounting type: Adhesive, Lettering field: continuous x 2.8 mm

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

Marker card, Sheet, white, unlabeled, can be labeled with: Plotter, Office printing systems, Mounting type: Adhesive, Lettering field: 186 x 2.8 mm

Necessary add-on products

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

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