PCB terminal block - FFKDSA1/H-5,08 - 1791868

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)

PCB terminal block, nominal current: 6 A, pitch: 5.08 mm, number of positions: 1, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green. End terminal block for terminating custom-grouped blocks.

Your advantages

- 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

Key Commercial Data

Packing unit	250 pc
Minimum order quantity	250 pc
GTIN	4 017918 044473
GTIN	4017918044473
Weight per Piece (excluding packing)	0.780 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length [l]	13.65 mm
Pitch	5.08 mm
Width [w]	7.62 mm
Height	12.75 mm
Height [h]	16.35 mm
Solder pin [P]	3.6 mm

PCB terminal block - FFKDSA1/H-5,08 - 1791868

Technical data

Dimensions

Pin spacing	5.08 mm
Hole diameter	1.1 mm

General

Range of articles	FFKDS(A) 0,5/..-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)	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)
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

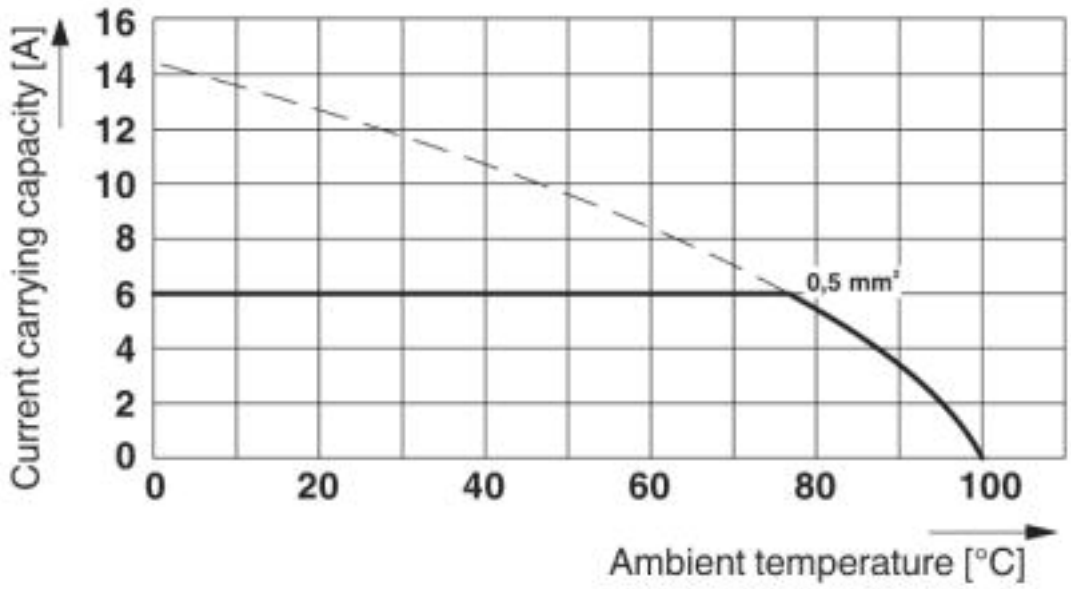
Environmental Product Compliance

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

Drawings

PCB terminal block - FFKDSA1/H-5,08 - 1791868

Diagram



Type: FFKDS/H-2,54
Test following DIN EN 60512-5-2:2003-01
Reduction factor = 1
No. of positions: 5

Classifications

eCl@ss

eCl@ss 4.0	27141100
eCl@ss 4.1	27141100
eCl@ss 5.0	27141100
eCl@ss 5.1	27261100
eCl@ss 6.0	27261100
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
ETIM 7.0	EC002643

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432

PCB terminal block - FFKDSA1/H-5,08 - 1791868

Classifications

UNSPSC

UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

Approvals

Approvals

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

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631

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

CCA	NTR NL-7074

Nominal voltage UN	63 V
mm²/AWG/kcmil	0.5

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

Nominal voltage UN	63 V
mm²/AWG/kcmil	0.5

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

Nominal voltage UN	63 V

PCB terminal block - FFKDSA1/H-5,08 - 1791868

Approvals

mm²/AWG/kcmil	0.5

EAC		B.01742

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19870330

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

Accessories

Accessories

Cable end sleeve

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

PCB terminal block - FFKDSA1/H-5,08 - 1791868

Accessories

Terminal marking

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

Marker strip, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, mounting type: adhesive, for terminal block width: 90000 mm, lettering field size: continuous x 2.8 mm, Number of individual labels: 480000

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

Marker card, Sheet, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, Office printing systems, mounting type: adhesive, for terminal block width: 210 mm, lettering field size: 186 x 2.8 mm, Number of individual labels: 3600

Additional products

PCB terminal block - FFKDS/H-2,54 - 1791826

PCB terminal block, nominal current: 6 A, pitch: 2.54 mm, number of positions: 1, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, 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.