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PCB terminal block - FFKDSA/V2-7,62 - 1790377

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PCB terminal block, Nominal current: 17.5 A, Nom. voltage: 630 V, Pitch: 7.62 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 latch 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
GTIN	4 017918 044282

Technical data

Dimensions

Length	10 mm
Pitch	7.62 mm
Constructional height	16 mm
Length of the solder pin	3.4 mm
Pin dimensions	0,5 x 1 mm
Hole diameter	1.3 mm

General

Range of articles	FFKDS(A)/V2
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	500 V

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Technical data

General

Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	17.5 A
Nominal cross section	1.5 mm²
Maximum load current	17.5 A (with 1.5 mm² conductor cross section)
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	10 mm
Number of positions	1

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	1.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	0.75 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.75 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16

Standards and Regulations

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

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

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Classifications

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643

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 / CCA / IECEE CB Scheme / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

CSA

	B	D
mm²/AWG/kcmil	16	16
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

UL Recognized

	B	D
mm²/AWG/kcmil	22-16	22-16
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

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Approvals

KEMA-KEUR

mm²/AWG/kcmil	1.5
Nominal voltage UN	500 V

cUL Recognized

	B	D
mm²/AWG/kcmil	22-16	22-16
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

CCA

mm²/AWG/kcmil	1.5
Nominal voltage UN	500 V

IECEE CB Scheme

mm²/AWG/kcmil	1.5
Nominal voltage UN	500 V

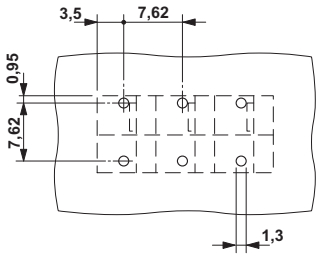
EAC

cULus Recognized

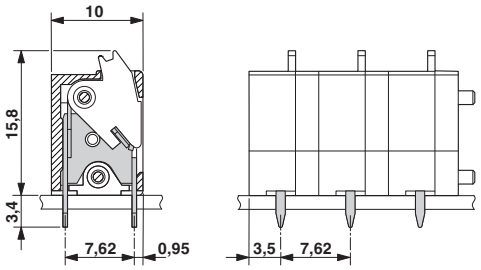
Drawings

PCB terminal block - FFKDSA/V2-7,62 - 1790377

Drilling diagram



Dimensional drawing



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