

PCB terminal block - FFKDSA/V1-7,62 - 1790364

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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 pc |
| GTIN |  4 017918 044275 |
| Weight per Piece (excluding packing) | 1.26 g |
| Custom tariff number | 85369010 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|--------------------------|------------|
| Length | 12.7 mm |
| Pitch | 7.62 mm |
| Dimension a | 7.62 mm |
| Constructional height | 17 mm |
| Height | 13.6 mm |
| Length of the solder pin | 3.4 mm |
| Pin dimensions | 0,5 x 1 mm |
| Hole diameter | 1.3 mm |

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Technical data

General

| | |
|--|---|
| Range of articles | FFKDS(A)/V1 |
| 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 |
| 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 mm ² |
| Maximum load current | 17.5 A (with 1.5 mm ² 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 mm ² |
| Conductor cross section solid max. | 1.5 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 1.5 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 0.75 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 0.75 mm ² |
| 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 |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 6.0 | 27261101 |
| eCl@ss 7.0 | 27440401 |
| eCl@ss 8.0 | 27440401 |

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 / CCA / IECCEB Scheme / EAC / cULus Recognized

Ex Approvals


Approvals submitted


Approval details


| | | | |
|-----|--------------------------------|-------|-------|
| CSA | | | |
| | B | D | |
| | mm ² /AWG/kcmil | 16 | 16 |
| | Nominal current I _N | 10 A | 10 A |
| | Nominal voltage U _N | 300 V | 300 V |

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Approvals


| | | |
|---|-------|-------|
| UL Recognized  | | |
| | B | D |
| mm ² /AWG/kcmil | 22-16 | 22-16 |
| Nominal current I _N | 10 A | 10 A |
| Nominal voltage U _N | 300 V | 300 V |

| | |
|---|-------|
| KEMA-KEUR  | |
| mm ² /AWG/kcmil | 1.5 |
| Nominal voltage U _N | 500 V |

| | | |
|--|-------|-------|
| cUL Recognized  | | |
| | B | D |
| mm ² /AWG/kcmil | 22-16 | 22-16 |
| Nominal current I _N | 10 A | 10 A |
| Nominal voltage U _N | 300 V | 300 V |

| | |
|--------------------------------|-------|
| CCA | |
| mm ² /AWG/kcmil | 1.5 |
| Nominal voltage U _N | 500 V |

| | |
|--------------------------------|-------|
| CCA | |
| mm ² /AWG/kcmil | 1.5 |
| Nominal voltage U _N | 500 V |

| | |
|---|-------|
| IECEE CB Scheme  | |
| mm ² /AWG/kcmil | 1.5 |
| Nominal voltage U _N | 500 V |

| |
|-----|
| EAC |
|-----|

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Approvals

cULus Recognized 

Accessories

Accessories

Labeled terminal marker

Marker card - SK 7,62/5:FORTL.ZAHLEN - 0804552



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Adhesive, for terminal block width: 7.62 mm, Lettering field: 7.62 x 5 mm

Necessary add-on products

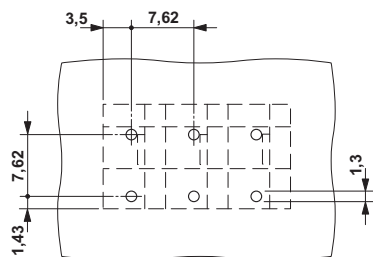
PCB terminal block - FFKDSA1/V1-7,62 - 1790490



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!

Drawings

Drilling diagram



Dimensional drawing

