

## PCB terminal block - FFKDSA/H1-7,62 - 1790351

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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: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green, The article can be aligned to create different nos. of positions!

### Product Features

- ✓ Two solder pins for a high level of stability on the PCB
- ✓ When connecting stranded conductors without ferrules, the terminal point is opened using an orange opening lever
- ✓ Opening lever for user-friendly actuation using a screwdriver
- ✓ Push-in direct plug-in technology for solid or stranded conductors with ferrules

### Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 250           |
| GTIN             | 4017918044268 |

### Technical data

#### Dimensions

|                |            |
|----------------|------------|
| Length         | 13.6 mm    |
| Pitch          | 7.62 mm    |
| Pin dimensions | 0,5 x 1 mm |
| Hole diameter  | 1.3 mm     |

#### General

|                                  |                                                           |
|----------------------------------|-----------------------------------------------------------|
| Range of articles                | FFKDS(A)/H1                                               |
| 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)            | 400 V                                                     |
| Rated voltage (III/2)            | 630 V                                                     |
| Rated voltage (II/2)             | 1000 V                                                    |
| Connection in acc. with standard | EN-VDE                                                    |
| Nominal current I <sub>N</sub>   | 17.5 A                                                    |
| Nominal cross section            | 1.5 mm <sup>2</sup>                                       |
| Maximum load current             | 17.5 A (with 1.5 mm <sup>2</sup> conductor cross section) |
| Insulating material              | PA                                                        |
| Solder pin surface               | Sn                                                        |

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## Technical data

### General

|                                         |       |
|-----------------------------------------|-------|
| Inflammability class according to UL 94 | V0    |
| Stripping length                        | 10 mm |
| Number of positions                     | 1     |

### Connection data

|                                                                            |                      |
|----------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                         | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.                                         | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded min.                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.                                      | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 0.75 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve min.    | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.    | 0.75 mm <sup>2</sup> |
| Conductor cross section AWG/kcmil min.                                     | 24                   |
| Conductor cross section AWG/kcmil max                                      | 16                   |
| Minimum AWG according to UL/CUL                                            | 22                   |
| Maximum AWG according to UL/CUL                                            | 16                   |

## 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 |

### 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 |

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## approvals

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

### Approval details

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

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

|                                                                                               |       |
|-----------------------------------------------------------------------------------------------|-------|
| KEMA-KEUR  |       |
| Nominal voltage UN                                                                            | 400 V |
| Nominal current IN                                                                            |       |
| mm²/AWG/kcmil                                                                                 | 1.5   |

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

|                                                                                          |
|------------------------------------------------------------------------------------------|
| GOST  |
|------------------------------------------------------------------------------------------|

|     |
|-----|
| CCA |
|-----|

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### approvals

| Nominal voltage UN         | 400 V |
|----------------------------|-------|
| Nominal current IN         |       |
| mm <sup>2</sup> /AWG/kcmil | 1.5   |



| Nominal voltage UN         | 400 V |
|----------------------------|-------|
| Nominal current IN         |       |
| mm <sup>2</sup> /AWG/kcmil | 1.5   |

| <b>IECEE CB Scheme</b>  |       |
|-----------------------------------------------------------------------------------------------------------|-------|
|                                                                                                           |       |
| Nominal voltage UN                                                                                        | 400 V |
| Nominal current IN                                                                                        |       |
| mm <sup>2</sup> /AWG/kcmil                                                                                | 1.5   |



### accessories

#### Labeled terminal marker

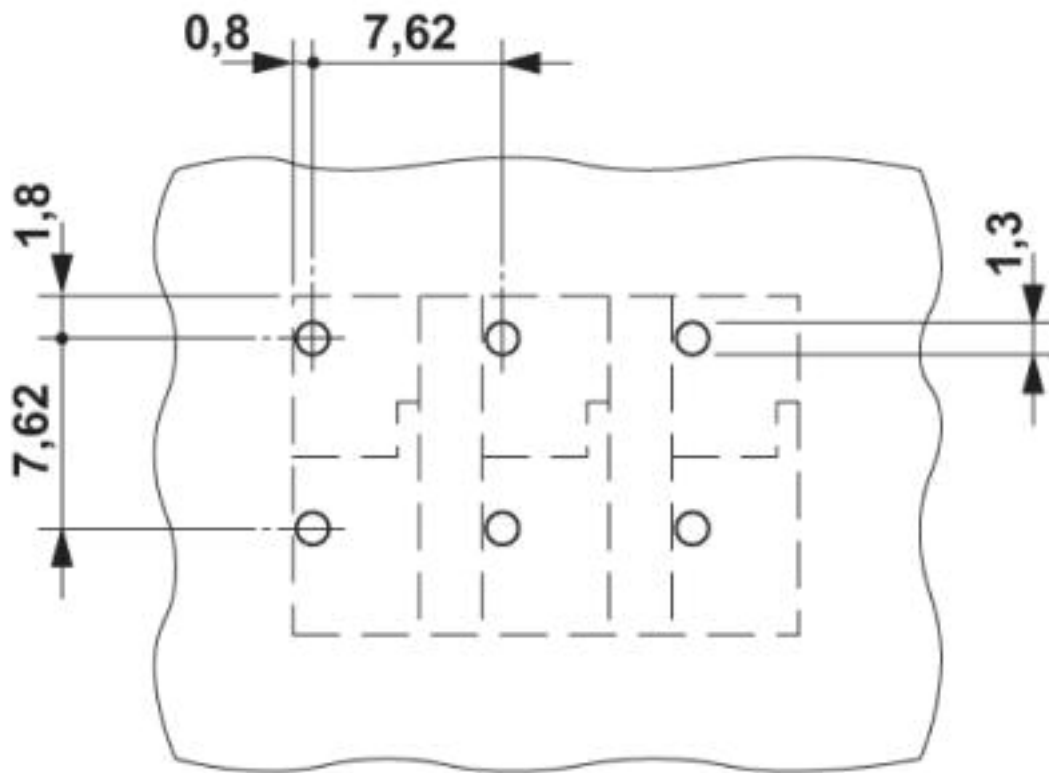
SK 7,62/5:FORTL.ZAHLEN - 0804552



### Drawings

## PCB terminal block - FFKDSA/H1-7,62 - 1790351

Drilling diagram



Dimensioned drawing

