

https://www.phoenixcontact.com/cn/products/1790364



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

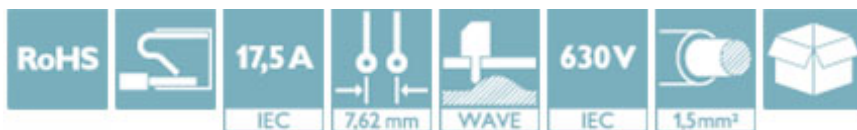
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PCB terminal block, Nominal current: 17.5 A, Nom. voltage: 630 V, Pitch: 7.62 mm, Number of positions: 1, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 90°, Color: green, The article can 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 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 |
| GTIN |  4 017918 044275 |
| GTIN | 4017918044275 |
| Custom tariff number | 8536909000 |
| Sales Key | AAABFA |

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 |

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Technical data

Dimensions

| | |
|---------------|--------|
| Hole diameter | 1.3 mm |
|---------------|--------|

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 |

Environmental Product Compliance

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

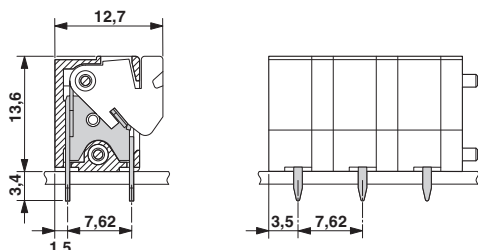
Drawings

https://www.phoenixcontact.com/cn/products/1790364

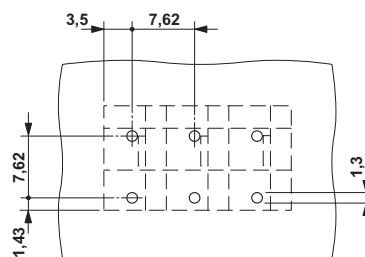


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Dimensional drawing



Drilling diagram



Approvals

Approvals

Approvals

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

Ex Approvals

Approval details

| | | | |
|--------------------------------|-------|---|-------|
| CSA | | http://www.csagroup.org/services/testing-and-certification/certified-product-listing/ | 13631 |
| | B | D | |
| mm ² /AWG/kcmil | 16 | 16 | |
| Nominal current I _N | 10 A | 10 A | |
| Nominal voltage U _N | 300 V | 300 V | |

| | | | |
|--------------------------------|-------|---|--------------|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| | 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 | | http://www.dekra-certification.com | 2160724.01 |
| mm ² /AWG/kcmil | 1.5 | | |


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Approvals


| | |
|--------------------|-------|
| Nominal voltage UN | 500 V |
|--------------------|-------|

| | | | |
|----------------------------|---|---|--------------|
| cUL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| | B | D | |
| mm ² /AWG/kcmil | 22-16 | 22-16 | |
| Nominal current IN | 10 A | 10 A | |
| Nominal voltage UN | 300 V | 300 V | |

| | | | |
|----------------------------|-------------|--|--|
| CCA | NTR NL-7074 | | |
| mm ² /AWG/kcmil | 1.5 | | |
| Nominal voltage UN | 500 V | | |

| | | | |
|----------------------------|---|---|----------|
| IECEE CB Scheme |  | http://www.iecee.org/ | NL-25836 |
| mm ² /AWG/kcmil | 1.5 | | |
| Nominal voltage UN | 500 V | | |

| | | |
|-----|---|---------|
| EAC |  | B.01742 |
|-----|---|---------|

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

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