

PCB terminal block - FRONT 4-H-7,62-4 - 1703212

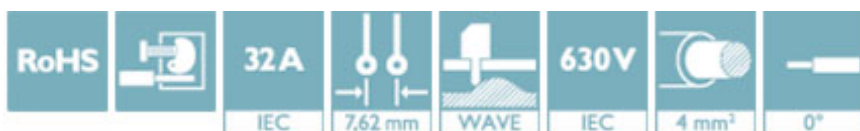
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PCB terminal block, nominal current: 32 A, pitch: 7.62 mm, number of positions: 4, connection method: Front screw connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green

Your advantages

- ✓ Well-known connection principle allows worldwide use
- ✓ Low temperature rise, thanks to maximum contact force
- ✓ Allows connection of two conductors
- ✓ Operation and conductor connection from one direction enable integration into front of device



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 10 pc |
| GTIN |  4 017918 329730 |
| GTIN | 4017918329730 |

Technical data

Dimensions

| | |
|----------------|----------|
| Length [l] | 26 mm |
| Pitch | 7.62 mm |
| Dimension a | 22.86 mm |
| Width [w] | 30.48 mm |
| Height | 29.4 mm |
| Height [h] | 34.4 mm |
| Solder pin [P] | 5 mm |
| Hole diameter | 1.3 mm |

General

| | |
|-----------------------------|-----------|
| Range of articles | FRONT 4-H |
| Rated surge voltage (III/3) | 6 kV |
| Rated surge voltage (III/2) | 6 kV |

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Technical data

General

| | |
|--|---|
| 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 | 32 A |
| Nominal cross section | 4 mm ² |
| Maximum load current | 41 A (with 6 mm ² conductor cross section) |
| Flammability rating according to UL 94 | V0 |
| Stripping length | 14 mm |
| Number of positions | 4 |
| Screw thread | M3 |
| Tightening torque, min | 0.5 Nm |
| Tightening torque max | 0.6 Nm |

Connection data

| | |
|---|----------------------|
| Conductor cross section solid min. | 0.5 mm ² |
| Conductor cross section solid max. | 6 mm ² |
| Conductor cross section flexible min. | 0.5 mm ² |
| Conductor cross section flexible max. | 6 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.5 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 4 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 2.5 mm ² |
| Conductor cross section AWG min. | 20 |
| Conductor cross section AWG max. | 10 |
| 2 conductors with same cross section, solid min. | 0.5 mm ² |
| 2 conductors with same cross section, solid max. | 1.5 mm ² |
| 2 conductors with same cross section, stranded min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded max. | 1.5 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 1 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm ² |

Standards and Regulations

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

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Technical data

Environmental Product Compliance

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

Approvals

Approvals

Approvals

DNV GL / CSA / RS / EAC / cULus Recognized

Ex Approvals

Approval details

| | | | |
|--------|--|---|------------|
| DNV GL | | https://approvalfinder.dnvgl.com/ | TAE00001EV |
|--------|--|---|------------|

| | | | |
|----------------------------|-------|---|-------|
| CSA | | http://www.csagroup.org/services-industries/product-listing/ | 13631 |
| | B | D | |
| Nominal voltage UN | 300 V | 300 V | |
| Nominal current IN | 30 A | 10 A | |
| mm ² /AWG/kcmil | 22-10 | 22-10 | |

| | | | |
|----|--|---|--------------|
| RS | | http://www.rs-head.spb.ru/en/index.php | 17.00014.272 |
|----|--|---|--------------|

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

| | | | |
|--------------------|-------|---|-----------------|
| cULus Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-19860303 |
| | B | D | |
| Nominal voltage UN | 300 V | 300 V | |

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Approvals

| | B | D |
|----------------------------|-------|-------|
| Nominal current IN | 30 A | 10 A |
| mm ² /AWG/kcmil | 24-10 | 24-10 |

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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>