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PCB terminal block, nominal current: 32 A, nom. voltage: 800 V, pitch: 7.5 mm, number of positions: 3, connection method: Screw connection with wire protector, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: green



The figure shows a 10-position version of the product

Your advantages

- High terminal block capacity thanks to rectangular terminal block space
- Allows connection of two conductors
- The latching on the side enables various numbers of positions to be combined



Key Commercial Data

| Packing unit | 250 pc |
|------------------------|-----------------|
| Minimum order quantity | 250 pc |
| GTIN | 4 046356 032490 |
| GTIN | 4046356032490 |

Technical data

Dimensions

| Length [1] | 13.5 mm |
|----------------|---------|
| Pitch | 7.5 mm |
| Dimension a | 15 mm |
| Height | 13.1 mm |
| Height [h] | 9 mm |
| Solder pin [P] | 4.1 mm |
| Pin spacing | 7.5 mm |
| Hole diameter | 1.3 mm |

General



Technical data

General

| Range of articles | PT 2,5/V |
|--|----------|
| 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) | 800 V |
| Rated voltage (II/2) | 1000 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I _N | 32 A |
| Nominal cross section | 2.5 mm² |
| Maximum load current | 32 A |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Internal cylindrical gage | A3 |
| Stripping length | 6.5 mm |
| Number of positions | 3 |
| Screw thread | M3 |
| Tightening torque, min | 0.5 Nm |
| Tightening torque max | 0.5 Nm |

Connection data

| 0.75 | |
|---|--|
| 0.75 mm ² | |
| 6 mm ² | |
| 0.75 mm ² | |
| 4 mm² | |
| 0.75 mm² The technical data regarding clamping with ferrules applies only when using crimping pliers ZA 3. When using ferrules, it is necessary to take into account possible restrictions regarding nominal voltage. | |
| 4 mm² The technical data regarding clamping with ferrules applies only when using crimping pliers ZA 3. When using ferrules, it is necessary to take into account possible restrictions regarding nominal voltage. | |
| 0.75 mm² The technical data regarding clamping with ferrules applies only when using crimping pliers ZA 3. When using ferrules, it is necessary to take into account possible restrictions regarding nominal voltage. | |
| 4 mm² The technical data regarding clamping with ferrules applies only when using crimping pliers ZA 3. When using ferrules, it is necessary to take into account possible restrictions regarding nominal voltage. | |
| 18 | |
| 10 | |
| 0.75 mm² | |
| 2.5 mm ² | |
| | |



Technical data

Connection data

| 2 conductors with same cross section, stranded min. | 0.75 mm ² | |
|---|--|--|
| 2 conductors with same cross section, stranded max. | 2.5 mm ² | |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.75 mm ² | |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 1.5 mm² The technical data regarding clamping with ferrules applies only when using crimping pliers ZA 3. When using ferrules, it is necessary to take into account possible restrictions regarding nominal voltage. | |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.75 mm ² | |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1.5 mm² The technical data regarding clamping with ferrules applie when using crimping pliers ZA 3. When using ferrules, it is necessatake into account possible restrictions regarding nominal voltage. | |

Standards and Regulations

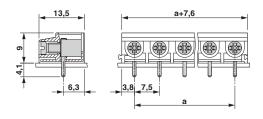
| Connection in acc. with standard | EN-VDE |
|--|--------|
| | CUL |
| Flammability rating according to UL 94 | V0 |

Environmental Product Compliance

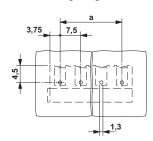
| REACh SVHC | Lead 7439-92-1 | |
|------------|---|--|
| China RoHS | Environmentally Friendly Use Period = 50 | |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" | |

Drawings

Dimensional drawing



Drilling diagram



Approvals

Approvals

Approvals

EAC / cULus Recognized

Ex Approvals



Approvals

Approval details

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

| cULus Recognized http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-20030211 | | | |
|--|-------|-------|-------|
| | D | В | С |
| Nominal voltage UN | 300 V | 300 V | 150 V |
| Nominal current IN | 10 A | 20 A | 20 A |
| mm²/AWG/kcmil | 20-12 | 20-12 | 20-12 |

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