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PCB connector, nominal current: 41 A, rated voltage (III/2): 1000 V, number of positions: 3, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, color: Pebble gray, contact surface: Tin



The figure shows a 5-pos. version of the product

Your advantages

- Well-known connection principle allows worldwide use
- ☑ Low temperature rise, thanks to maximum contact force
- Allows connection of two conductors
- ☑ Integrated double steel spring provides additional safety in the event of temperature and power fluctuations
- ☑ 600 V UL approval in the smallest of dimensions
- The automatically locking Click and Lock system prevents accidental disconnection



Key Commercial Data

| Packing unit | 1 | |
|----------------------|-----------------|--|
| GTIN | 4 046356 667739 | |
| GTIN | 4046356667739 | |
| Custom tariff number | 85366990 | |

Technical data

Dimensions

| Length [1] | 35.3 mm |
|--------------|----------|
| Width [w] | 31.01 mm |
| Height [h] | 19.7 mm |
| Pitch | 7.62 mm |
| Dimension a | 15.24 mm |

General



Technical data

General

| Range of articles | PC 5/STCL1 | |
|--------------------------------|--|--|
| Number of positions | 3 | |
| Connection method | Screw connection with tension sleeve | |
| Rated surge voltage (III/3) | 8 kV | |
| Rated surge voltage (III/2) | 8 kV | |
| Rated surge voltage (II/2) | 6 kV | |
| Rated voltage (III/3) | 1000 V | |
| Rated voltage (III/2) | 1000 V | |
| Rated voltage (II/2) | 1000 V | |
| Nominal current I _N | 41 A | |
| Nominal cross section | 6 mm ² | |
| Internal cylindrical gage | A4 | |
| Stripping length | 10 mm | |
| Screw thread | M3 | |
| Tightening torque, min | 0.5 Nm | |
| Tightening torque max | 0.8 Nm | |
| Note | Tightening torque $\leq 4~mm^2$ is 0.5 Nm to 0.6 Nm,> 4 mm^2 is 0.7 Nm to 0.8 Nm | |

Connection data

| | r |
|---|---------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 10 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 6 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 6 mm² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.25 mm² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 4 mm² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 10 |
| 2 conductors with same cross section, solid min. | 0.2 mm ² |
| 2 conductors with same cross section, solid max. | 2.5 mm ² |
| 2 conductors with same cross section, stranded min. | 0.2 mm ² |
| 2 conductors with same cross section, stranded max. | 4 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 1.5 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.25 mm² |

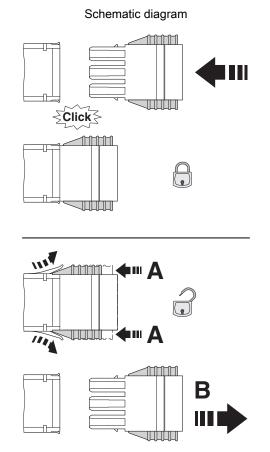


Technical data

Connection data

| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 2.5 mm ² | |
|---|--|--|
| Standards and Regulations | | |
| Connection in acc. with standard | CUL | |
| Environmental Product Compliance | | |
| China RoHS | Environmentally Friendly Use Period = 50 | |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" | |

Drawings



Click and Lock system method of operation

Classifications

eCl@ss

| eCl@ss 4.0 | 272607xx |
|------------|-----------------------|
| | 01/17/2019 Page 3 / 5 |



Classifications

eCl@ss

| eCl@ss 4.1 | 27260701 |
|------------|----------|
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260700 |
| eCl@ss 6.0 | 27260700 |
| eCl@ss 7.0 | 27440309 |
| eCl@ss 8.0 | 27440309 |
| eCl@ss 9.0 | 27440309 |

ETIM

| ETIM 3.0 | EC001121 |
|----------|----------|
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002638 |
| ETIM 6.0 | EC002638 |

UNSPSC

| UNSPSC 6.01 | 30211810 |
|---------------|----------|
| UNSPSC 7.0901 | 39121409 |
| UNSPSC 11 | 39121409 |
| UNSPSC 12.01 | 39121409 |
| UNSPSC 13.2 | 39121409 |

Approvals

Approvals

Approvals

EAC / cULus Recognized

Ex Approvals

Approval details

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



Approvals

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| cULus Recognized | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-19920722 | |
|--------------------|---|-------|
| | В | С |
| Nominal voltage UN | 600 V | 600 V |
| Nominal current IN | 41 A | 41 A |
| mm²/AWG/kcmil | 24-8 | 24-8 |

Accessories

Accessories

Coding element

Coding profile - CP-PC RD - 1701967

Coding profile, for plugging into the coding ribs of the plug at a later date, insulating material, color: Red



Screwdriver tools

Screwdriver - SZS 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

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