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Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 2, Pitch: 10.16 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Silver



The illustration shows the 5-pos. version

Product Features

- Time saving push-in connection, tools not required
- Defined contact force ensures that contact remains stable over the long term
- In Clamping space opened by means of fixed screwdriver enables convenient conductor connection
- M Inverted connector with pin contacts for touch-proof device outputs or free-hanging cable/cable connections
- Screwable flange for superior mechanical stability



Key Commercial Data

| Packing unit | 1 pc |
|--------------------------------------|----------|
| Minimum order quantity | 50 pc |
| Weight per Piece (excluding packing) | 20.8 g |
| Custom tariff number | 85366990 |
| Country of origin | Bulgaria |

Technical data

Dimensions

| Pitch | 10.16 mm |
|-------------|----------|
| Dimension a | 10.16 mm |

General

| Range of articles | ISPC 16/STF |
|-----------------------------|-------------|
| Insulating material group | I |
| Rated surge voltage (III/3) | 8 kV |
| Rated surge voltage (III/2) | 8 kV |



Technical data

General

| 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 |
| Connection in acc. with standard | EN-VDE |
| Nominal current I _N | 76 A |
| Nominal cross section | 16 mm ² |
| Maximum load current | 76 A |
| Insulating material | РА |
| Flammability rating according to UL 94 | V0 |
| Stripping length | 18 mm |
| Number of positions | 2 |

Connection data

| Conductor cross section solid min. | 0.75 mm² |
|---|----------------------|
| Conductor cross section solid max. | 16 mm ² |
| Conductor cross section flexible min. | 0.75 mm² |
| Conductor cross section flexible max. | 16 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.75 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 16 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.75 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 10 mm ² |
| Conductor cross section AWG min. | 18 |
| Conductor cross section AWG max. | 4 |
| 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. | 4 mm² |
| Minimum AWG according to UL/CUL | 20 |
| Maximum AWG according to UL/CUL | 4 |
| | |

Standards and Regulations

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



Classifications

eCl@ss

| eCl@ss 4.0 | 272607xx |
|------------|----------|
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440309 |

ETIM

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

UNSPSC

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

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / SEV / CCA / EAC / IECEE CB Scheme / cULus Recognized

Ex Approvals

Approvals submitted

Approval details



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Printed-circuit board connector - ISPC 16/ 2-STF-10,16 - 1748626

Approvals

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| | B | C | |
|--------------------|-------|-------|--|
| mm²/AWG/kcmil | 20-4 | 20-4 | |
| Nominal current IN | 66 A | 66 A | |
| Nominal voltage UN | 600 V | 600 V | |

| | В | C |
|--------------------|-------|-------|
| mm²/AWG/kcmil | 20-4 | 20-4 |
| Nominal current IN | 66 A | 66 A |
| Nominal voltage UN | 600 V | 600 V |

| SEV | |
|--------------------|--------|
| | |
| mm²/AWG/kcmil | 16 |
| Nominal current IN | 76 A |
| Nominal voltage UN | 1000 V |

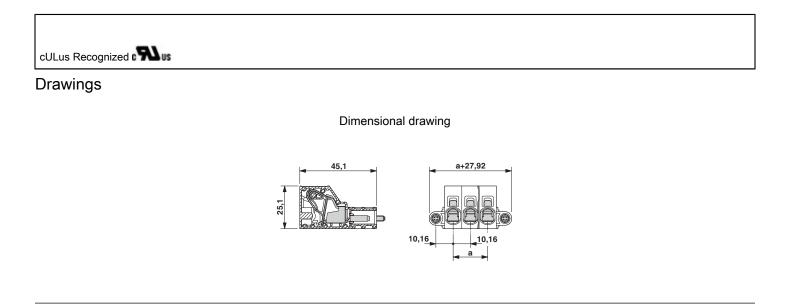
| CCA | |
|--------------------|--------|
| | |
| Nominal current IN | 76 A |
| Nominal voltage UN | 1000 V |

EAC

| Nominal current IN | 76 A |
|--------------------|--------|
| Nominal voltage UN | 1000 V |



Approvals



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