

Printed-circuit board connector - ISPC 16/ 4-STF-10,16 - 1748642

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Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 10.16 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Silver



The illustration shows the 5-pos. version

Product Features

- Can be plugged into (S)PC 16 plugs or inverted IPC 16 headers
- Unlimited 600 V UL approval
- Increased vibration protection thanks to screw-on STF plugs with screw flange
- Inverted Push-in spring-cage plugs with pin contacts for touch-proof device outputs (with IPC 16 G) or free-hanging cable/cable connections



Key commercial data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Minimum order quantity | 50 pc |
| Weight per Piece (excluding packing) | 36.3 GRM |
| Custom tariff number | 85366990 |
| Country of origin | Bulgaria |

Technical data

Dimensions

| | |
|-------------|----------|
| Pitch | 10.16 mm |
| Dimension a | 30.48 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 |
| Rated surge voltage (II/2) | 6 kV |

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Technical data

General

| | |
|---|--------------------|
| 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 | PA |
| Inflammability class according to UL 94 | V0 |
| Stripping length | 18 mm |
| Number of positions | 4 |

Connection data

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

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 |

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Classifications

eCl@ss

| | |
|------------|----------|
| 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 / GOST / SEV / CCA / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| | | |
|---|-------|-------|
| UL Recognized  | | |
| | B | C |
| mm ² /AWG/kcmil | 20-4 | 20-4 |
| Nominal current I _N | 66 A | 66 A |
| Nominal voltage U _N | 600 V | 600 V |

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Approvals

| | | |
|--------------------------------|-------|-------|
| cUL Recognized | | |
| | B | C |
| mm ² /AWG/kcmil | 20-4 | 20-4 |
| Nominal current I _N | 66 A | 66 A |
| Nominal voltage U _N | 600 V | 600 V |

| | |
|------|--|
| GOST | |
|------|--|

| | |
|--------------------------------|--------|
| SEV | |
| | |
| mm ² /AWG/kcmil | 16 |
| Nominal current I _N | 76 A |
| Nominal voltage U _N | 1000 V |

| | |
|--------------------------------|--------|
| CCA | |
| | |
| Nominal current I _N | 76 A |
| Nominal voltage U _N | 1000 V |

| | |
|------|--|
| GOST | |
|------|--|

| | |
|------------------|--|
| cULus Recognized | |
|------------------|--|

Drawings

Printed-circuit board connector - ISPC 16/ 4-STF-10,16 - 1748642

Dimensioned drawing

