

Printed-circuit board connector - ISPC 5/11-STF-7,62 - 1749065

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)

Connection method: Spring-cage connection, Color: green, Contact surface: Tin

Plug component, Nominal current: 41 A, Rated voltage (III/2): 1000 V, Number of positions: 11, Pitch: 7.62 mm,

Product Features

☑ Unlimited 600 V UL approval

Inverted Push-in spring-cage plugs, ISPC 5 plugs with pin contacts for touch-proof device outputs (with IPC 5 G) or free-hanging cable/cable connections (with SPC 5 ST)

- Increased vibration protection thanks to screw-on STF plugs with screw flange
- ☑ STGF plugs with threaded flange



Key commercial data

| Packing unit | 1 pc |
|--------------------------------------|----------|
| Minimum order quantity | 50 pc |
| Weight per Piece (excluding packing) | 57.4 GRM |
| Custom tariff number | 85366990 |
| Country of origin | Bulgaria |

Technical data

Dimensions

| Pitch | 7.62 mm |
|-------------|---------|
| Dimension a | 76.2 mm |

General

| Range of articles | ISPC 5/STF |
|-----------------------------|------------|
| Insulating material group | 1 |
| Rated surge voltage (III/3) | 8 kV |
| Rated surge voltage (III/2) | 8 kV |
| Rated surge voltage (II/2) | 6 kV |



Printed-circuit board connector - ISPC 5/11-STF-7,62 - 1749065

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 | 41 A |
| Nominal cross section | 6 mm ² |
| Maximum load current | 41 A |
| Insulating material | РА |
| Inflammability class according to UL 94 | V0 |
| Stripping length | 15 mm |
| Number of positions | 11 |

Connection data

| Conductor cross section solid min. | 0.2 mm ² |
|---|----------------------|
| Conductor cross section solid max. | 10 mm ² |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 6 mm² |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 6 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 4 mm ² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 8 |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.25 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1.5 mm² |
| Minimum AWG according to UL/CUL | 24 |
| Maximum AWG according to UL/CUL | 8 |

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 |



Printed-circuit board connector - ISPC 5/11-STF-7,62 - 1749065

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 / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| | В | С |
|--------------------|-------|-------|
| mm²/AWG/kcmil | 24-8 | 24-8 |
| Nominal current IN | 35 A | 35 A |
| Nominal voltage UN | 600 V | 600 V |

10/29/2014 Page 3 / 4



٦

Printed-circuit board connector - ISPC 5/11-STF-7,62 - 1749065

Approvals

Г

| | В | С |
|--------------------|-------|-------|
| mm²/AWG/kcmil | 24-8 | 24-8 |
| Nominal current IN | 35 A | 35 A |
| Nominal voltage UN | 600 V | 600 V |

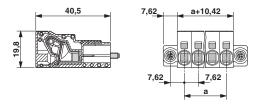
GOST 📀

GOST 📀

cULus Recognized

Drawings

Dimensioned drawing



Phoenix Contact 2014 © - all rights reserved http://www.phoenixcontact.com