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Especialistas en Automatización

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## Printed-circuit board connector - ISPC 5/ 8-STF-7,62 - 1749036

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Plug component, Nominal current: 41 A, Rated voltage (III/2): 1000 V, Number of positions: 8, Pitch: 7.62 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin



### Why buy this product

- Unlimited 600 V UL approval
- Increased vibration protection thanks to screw-on STF plugs with screw flange
- 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)
- STGF plugs with threaded flange



### Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 50 STK  |
| GTIN         | <br>4 046356 312691 |

### Technical data

#### Dimensions

|             |          |
|-------------|----------|
| Pitch       | 7.62 mm  |
| Dimension a | 53.34 mm |

#### General

|                                  |                |
|----------------------------------|----------------|
| Range of articles                | ISPC 5/...-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           |
| 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         |

# Printed-circuit board connector - ISPC 5/ 8-STF-7,62 - 1749036

## Technical data

### General

|  |                   |
|--|-------------------|
| Nominal current $I_N$                  | 41 A              |
| Nominal cross section                  | 6 mm <sup>2</sup> |
| Maximum load current                   | 41 A              |
| Insulating material                    | PA                |
| Flammability rating according to UL 94 | V0                |
| Stripping length                       | 15 mm             |
| Number of positions                    | 8                 |

### Connection data

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

### 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 |

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## Classifications

### 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 / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details


| UL Recognized  |       |       |
|---|-------|-------|
|   | B     | C     |
| mm²/AWG/kcmil   | 24-8  | 24-8  |
| Nominal current I <sub>N</sub>  | 35 A  | 35 A  |
| Nominal voltage U <sub>N</sub>  | 600 V | 600 V |

| cUL Recognized  |       |       |
|--|-------|-------|
|  | B     | C     |
| mm²/AWG/kcmil  | 24-8  | 24-8  |
| Nominal current I <sub>N</sub>   | 35 A  | 35 A  |
| Nominal voltage U <sub>N</sub>   | 600 V | 600 V |

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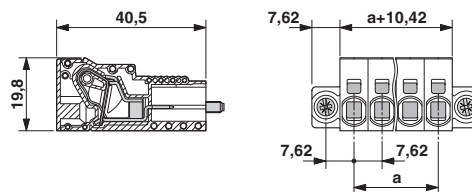
### Approvals

EAC

cULus Recognized  US

### Drawings

Dimensional drawing



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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

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