

# Printed-circuit board connector - ISPC 5/ 5-STGF-7,62 - 1749230

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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: 5, Pitch: 7.62 mm,

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### **Product Features**

☑ 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	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	30.0 GRM
Custom tariff number	85366990
Country of origin	Bulgaria

## Technical data

#### Dimensions

Pitch	7.62 mm
Dimension a	30.48 mm

#### General

Range of articles	ISPC 5/STGF
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



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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 <sub>N</sub>	41 A
Nominal cross section	6 mm <sup>2</sup>
Maximum load current	41 A
Insulating material	РА
Inflammability class according to UL 94	V0
Stripping length	15 mm
Number of positions	5

#### 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 stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	6 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
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 <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm <sup>2</sup>
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



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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 / 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

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# Approvals

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

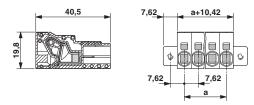
GOST 📀

GOST 📀

cULus Recognized

Drawings

Dimensioned drawing



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