

# Printed-circuit board connector - ISPC 5/ 2-STGCL-7,62

## BD:RB,RB - 1702350

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PCB connector, nominal current: 41 A, number of positions: 4, pitch: 7.62 mm, connection method: Push-in spring connection, color: green, contact surface: Tin


The figure shows a 5-pos. version of the product

### Your advantages

- ✓ Time saving push-in connection, tools not required
- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Clamping space opened by means of fixed screwdriver enables convenient conductor connection
- ✓ Inverted connector with pin contacts for touch-proof device outputs or free-hanging cable/cable connections
- ✓ Standard header – also suitable for connectors with automatically locking Click and Lock system
- ✓ 600 V UL approval in the smallest of dimensions



### Key Commercial Data

Packing unit	50 pc
GTIN	 4 046356 583671
GTIN	4046356583671

### Technical data

#### Dimensions

Length [ l ]	40.5 mm
Width [ w ]	18.04 mm
Height [ h ]	19.8 mm
Pitch	7.62 mm
Dimension a	7.62 mm

#### General

Range of articles	ISPC 5/...-STGCL
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## Technical data

### General

Number of positions	4
Connection method	Push-in spring connection
Rated voltage (III/3)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	41 A
Nominal cross section	6 mm <sup>2</sup>

### 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

### Specifications for ferrules

Recommended crimping pliers	1212034 CRIMPFOX 6
Ferrules without insulating collar, according to DIN 46228-1	Cross section: 0.5 mm <sup>2</sup> ; Length: 10 mm ... 15 mm
	Cross section: 0.75 mm <sup>2</sup> ; Length: 10 mm ... 15 mm
	Cross section: 1 mm <sup>2</sup> ; Length: 10 mm ... 15 mm
	Cross section: 1.5 mm <sup>2</sup> ; Length: 12 mm ... 15 mm
	Cross section: 2.5 mm <sup>2</sup> ; Length: 12 mm ... 15 mm
	Cross section: 4 mm <sup>2</sup> ; Length: 12 mm ... 15 mm

### Standards and Regulations

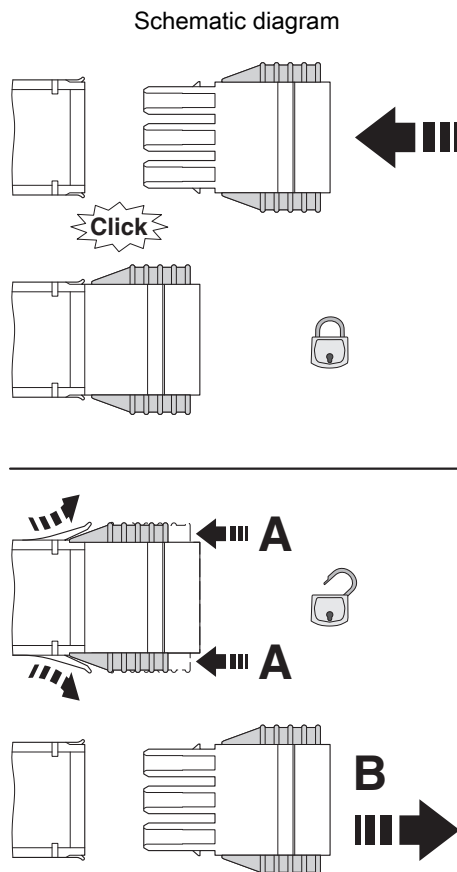
Connection in acc. with standard	EN-VDE
	CUL

### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

# Printed-circuit board connector - ISPC 5/ 2-STGCL-7,62 BD:RB,RB - 1702350

## Drawings



Click and Lock system method of operation

## Approvals

### Approvals

Approvals

EAC / cULus Recognized

Ex Approvals

### Approval details


EAC

**EAC**

B.01742

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### Approvals

cULus Recognized  <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E60425-19920722		
	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	35 A	35 A
mm <sup>2</sup> /AWG/kcmil	24-8	24-8

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