

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

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>)

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
-------------------	-----------------

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

BD:RB,RB - 1702350

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 ²

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	6 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm ²
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 ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²
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 ² ; Length: 10 mm ... 15 mm
	Cross section: 0.75 mm ² ; Length: 10 mm ... 15 mm
	Cross section: 1 mm ² ; Length: 10 mm ... 15 mm
	Cross section: 1.5 mm ² ; Length: 12 mm ... 15 mm
	Cross section: 2.5 mm ² ; Length: 12 mm ... 15 mm
	Cross section: 4 mm ² ; Length: 12 mm ... 15 mm

Standards and Regulations

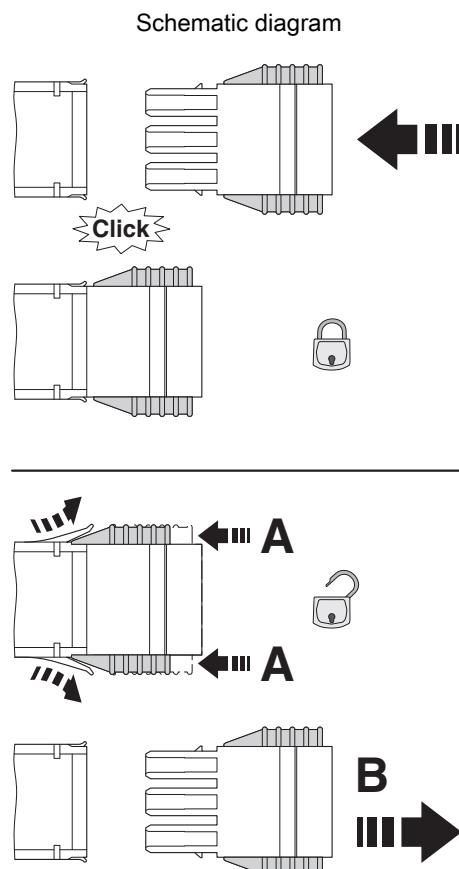
Connection in acc. with standard	EN-VDE
	CUL

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

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

Approvals

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

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

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