

PC 5/ 2-ST1-7,62 BKBDWH:1,2Q - 1813334

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)

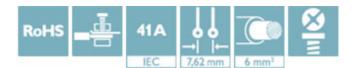
PCB connector, nominal current: 41 A, number of positions: 2, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, color: black, contact surface: Tin



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

Your advantages

- ☑ Well-known connection principle allows worldwide use
- ☑ Low temperature rise, thanks to maximum contact force
- Mallows connection of two conductors
- Integrated double steel spring provides additional safety in the event of temperature and power fluctuations
- ☑ 600 V UL approval in the smallest of dimensions



Key Commercial Data

Packing unit	50 pc
GTIN	4 046356 730945
GTIN	4046356730945

Technical data

Dimensions

Length [1]	35.25 mm
Width [w]	15.19 mm
Height [h]	19.7 mm
Pitch	7.62 mm
Dimension a	7.62 mm

General

Range of articles	PC 5/ST1	
Number of positions	2	
Connection method	Screw connection with tension sleeve	
Rated voltage (III/3)	1000 V	



PC 5/ 2-ST1-7,62 BKBDWH:1,2Q - 1813334

Technical data

General

Nominal current I _N	41 A	
Nominal cross section	6 mm ²	
Stripping length	10 mm	
Tightening torque, min	0.5 Nm	
Tightening torque max	0.8 Nm	
Note	Tightening torque \leq 4 mm² is 0.5 Nm to 0.6 Nm,> 4 mm² is 0.7 Nm to 0.8 Nm	

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 mm²
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 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	2.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	4 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm²
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.	2.5 mm ²
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	8

Connection in acc. with standard

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50	
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"	

CUL

Approvals

Approvals



PC 5/ 2-ST1-7,62 BKBDWH:1,2Q - 1813334

Approvals

Approvals

EAC / cULus Recognized

Ex Approvals

Approval details

EAC	EAC	B.01742

cULus Recognized	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-19920722	
	В	С
Nominal voltage UN	600 V	600 V
Nominal current IN	41 A	41 A
mm²/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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Phoenix Contact: 1813334