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PCB connector, nominal current: 41 A, rated voltage (III/2): 1000 V, number of positions: 3, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, color: Pebble gray, 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
- Allows 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
- The automatically locking Click and Lock system prevents accidental disconnection



Key Commercial Data

Packing unit	1	
GTIN	4 046356 667739	
GTIN	4046356667739	
Custom tariff number	85366990	

Technical data

Dimensions

Length [1]	35.3 mm
Width [w]	31.01 mm
Height [h]	19.7 mm
Pitch	7.62 mm
Dimension a	15.24 mm

General



Technical data

General

Range of articles	PC 5/STCL1	
Number of positions	3	
Connection method	Screw connection with tension sleeve	
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	
Nominal current I _N	41 A	
Nominal cross section	6 mm ²	
Internal cylindrical gage	A4	
Stripping length	10 mm	
Screw thread	M3	
Tightening torque, min	0.5 Nm	
Tightening torque max	0.8 Nm	
Note	Tightening torque $\leq 4~mm^2$ is 0.5 Nm to 0.6 Nm,> 4 mm^2 is 0.7 Nm to 0.8 Nm	

Connection data

	r
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 mm²
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 mm²
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 mm²
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 mm²

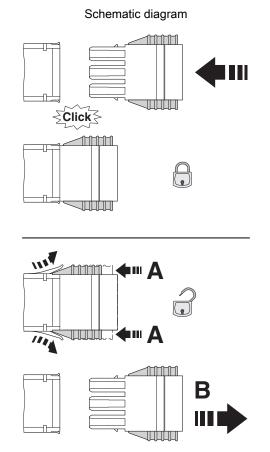


Technical data

Connection data

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm ²	
Standards and Regulations		
Connection in acc. with standard	CUL	
Environmental Product Compliance		
China RoHS	Environmentally Friendly Use Period = 50	
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"	

Drawings



Click and Lock system method of operation

Classifications

eCl@ss

eCl@ss 4.0	272607xx
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Classifications

eCl@ss

eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440309
eCl@ss 8.0	27440309
eCl@ss 9.0	27440309

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002638
ETIM 6.0	EC002638

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals

Approvals

EAC / cULus Recognized

Ex Approvals

Approval details

EAC	B.01742
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Approvals

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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

Accessories

Accessories

Coding element

Coding profile - CP-PC RD - 1701967

Coding profile, for plugging into the coding ribs of the plug at a later date, insulating material, color: Red



Screwdriver tools

Screwdriver - SZS 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

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