PC 5/ 2-STCL1-7,62 BK - 1846686

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Plug component, Nominal current: 41 A, Pitch: 7.62 mm, Connection method: Screw connection with tension sleeve, Color: black, Contact surface: Tin

Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
Weight per Piece (excluding packing)	10.000 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Environmental Product Compliance

China RoHS	Hazardous substances above threshold values;
	Environmentally Friendly Use Period = 50;
	For details go to tab “Downloads”, Category “Manufacturer's declaration”

Dimensions

Pitch	7.62 mm
Dimension a	7.62 mm

General

Range of articles	PC 5/..-STCL1
Type of contact	Female connector
Connection method	Screw connection with tension sleeve
Rated voltage (III/3)	1000 V
Nominal current I_N	41 A
Nominal cross section	6 mm²
Note	Tightening torque ≤ 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 mm²

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Technical data

Connection data

Conductor cross section solid max.	10 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	6 mm²
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 mm²
2 conductors with same cross section, solid max.	2.5 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	4 mm²
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
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm²

Classifications

eCl@ss

eCl@ss 5.1	27141190
eCl@ss 6.0	27260704
eCl@ss 8.0	27440309
eCl@ss 9.0	27440309

ETIM

ETIM 5.0	EC002638

Approvals

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UL Recognized / cUL Recognized / EAC / cULus Recognized

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Approvals

Ex Approvals

Approval details

UL Recognized http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425

	B	C
mm²/AWG/kcmil	24-8	24-8
Nominal current IN	41 A	41 A
Nominal voltage UN	600 V	600 V

cUL Recognized http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425

	B	C
mm²/AWG/kcmil	24-8	24-8
Nominal current IN	41 A	41 A
Nominal voltage UN	600 V	600 V

EAC B.01742

cULus Recognized http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm