

Plug - PPCT 6/3 - 3212305

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Plug, 3-pos. with integrated, automatic short circuit function

Key Commercial Data

Packing unit	10 STK
GTIN	 4 046356 623247

Technical data

General

Number of levels	1
Number of connections	3
Nominal cross section	6 mm ²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum load current	20 A (with 6 mm ² conductor cross section)
Rated surge voltage	4 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum load current	20 A
Nominal current I _N	20 A
Nominal voltage U _N	320 V
Open side panel	No
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Static insulating material application in cold	-60 °C

Dimensions

Width	24.6 mm
Length	38.5 mm

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Technical data

Dimensions

Height	48.5 mm
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Connection data

Connection method	Push-in connection
Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	8
Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	6 mm ²
Min. AWG conductor cross section, flexible	20
Max. AWG conductor cross section, flexible	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 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.	0.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²
Stripping length	12 mm
Internal cylindrical gage	A5

Standards and Regulations

Connection in acc. with standard	CSA
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27141151
eCl@ss 7.0	27141151
eCl@ss 8.0	27141151

ETIM

ETIM 4.0	EC002021
ETIM 5.0	EC002021

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Classifications

UNSPSC

UNSPSC 6.01	30211802
UNSPSC 7.0901	39121402
UNSPSC 11	39121402
UNSPSC 12.01	39121402
UNSPSC 13.2	39121402

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / CSA / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 			
	B	C	D
mm ² /AWG/kcmil	20-8	20-8	20-8
Nominal current I _N	30 A	30 A	5 A
Nominal voltage U _N	300 V	300 V	600 V

cUL Recognized 			
	B	C	D
mm ² /AWG/kcmil	20-8	20-8	20-8
Nominal current I _N	30 A	30 A	5 A
Nominal voltage U _N	300 V	300 V	600 V

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Approvals

CSA 			
	B	C	D
	mm ² /AWG/kcmil	20-8	20-8
	Nominal current I _N	30 A	5 A
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EAC

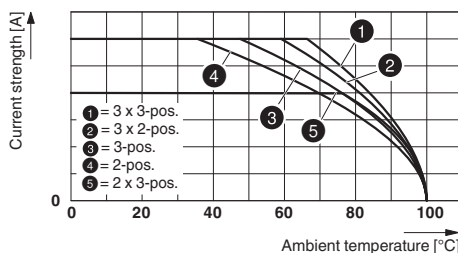
cULus Recognized 
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Drawings

Circuit diagram



Diagram



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