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Plug component, Nominal current: 41 A, Rated voltage (III/2): 1000 V, Number of positions: 9, Pitch: 7.62 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

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

#### **Product Features**

- Fast connection technology thanks to tool-free direct plug-in principle
- Simple potential distribution by means of two terminal points per contact
- ✓ Additional features: screw flange (-STF)
- ☑ Unlimited 600 V UL approval
- Maximum contact reliability due to integrated double steel spring
- ✓ Push-in spring-cage plug with double connection



## Key commercial data

Packing unit	1 pc
Minimum order quantity	25 pc
Weight per Piece (excluding packing)	22.22 GRM
Custom tariff number	85366990
Country of origin	Germany

## Technical data

#### **Dimensions**

Pitch	7.62 mm
Dimension a	60.96 mm

### General

Range of articles	TSPC 5/ST
Insulating material group	I



# Technical data

### General

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
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	41 A
Nominal cross section	6 mm <sup>2</sup>
Maximum load current	41 A
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	15 mm
Number of positions	9

## Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	10 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	6 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	6 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	8
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm²
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	8

## Classifications

# eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701



## Classifications

## eCl@ss

eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440309

#### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

### **UNSPSC**

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

# Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized

Ex Approvals

Approvals submitted

## Approval details

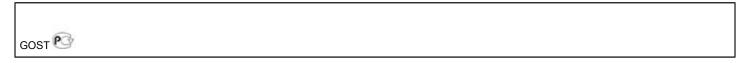
UL Recognized <b>\$1</b>			
	В	С	
mm²/AWG/kcmil	24-8	24-8	

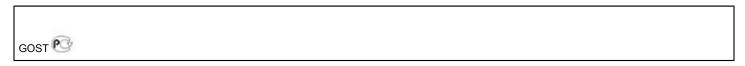


# Approvals

	В	С
Nominal current IN	31 A	31 A
Nominal voltage UN	600 V	600 V

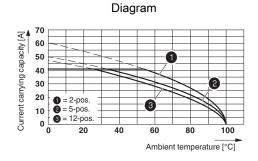
cUL Recognized 51		
	В	С
mm²/AWG/kcmil	24-8	24-8
Nominal current IN	31 A	31 A
Nominal voltage UN	600 V	600 V





cULus Recognized • States

# Drawings



Derating curve for: TSPC 5/...-ST-7,62 with PC 5/...-G-7,62

### Dimensioned drawing

