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Plug, Connection method: Push-in connection, Number of positions: 3, Cross section: 0.5 mm² - 10 mm², AWG: 20 - 8, Width: 24.6 mm, Height: 49.3 mm, Color: gray

#### **Product Features**

- Large-surface labeling option
- The Push-in technology COMBI plugs for self-assembly provide solutions that users can implement themselves
- Tested for railway applications



#### **Key Commercial Data**

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	22.8 g
Custom tariff number	85366990
Country of origin	Poland

#### Technical data

#### General

Number of levels	1
Number of connections	3
Nominal cross section	6 mm <sup>2</sup>
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry
	Machine building
	Plant engineering
Maximum load current	41 A (6)



# Technical data

#### General

Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 61984
Maximum load current	41 A (with 6 mm² conductor cross section)
Nominal current I <sub>N</sub>	41 A
Nominal voltage U <sub>N</sub>	1000 V
Open side panel	No

#### **Dimensions**

Width	24.6 mm
Length	21 mm
Height	49.3 mm
	31.20 mm

#### Connection data

Connection method	Push-in connection
Connection in acc. with standard	IEC 61984
Conductor cross section solid min.	0.5 mm <sup>2</sup>
Conductor cross section solid max.	10 mm²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	8
Conductor cross section flexible min.	0.5 mm <sup>2</sup>
Conductor cross section flexible max.	6 mm <sup>2</sup>
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 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm²
Stripping length	12 mm
Internal cylindrical gage	A5

### Standards and Regulations



# Technical data

#### Standards and Regulations

Connection in acc. with standard	CSA
	IEC 61984
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 3.0	EC000897
ETIM 4.0	EC002021
ETIM 5.0	EC002021

#### **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 / VDE report with production monitoring / IECEE CB Scheme / cULus Recognized

#### Ex Approvals



# Approvals

Approvals submitted

### Approval details

UL Recognized <b>51</b>			
	В	С	
mm²/AWG/kcmil	20-8	20-8	
Nominal current IN	40 A	40 A	
Nominal voltage UN	600 V	600 V	

cUL Recognized			
	В	С	
mm²/AWG/kcmil	20-8	20-8	
Nominal current IN	40 A	40 A	
Nominal voltage UN	600 V	600 V	

CSA (1)			
	В	С	D
mm²/AWG/kcmil	20-8	20-8	20-8
Nominal current IN	40 A	40 A	40 A
Nominal voltage UN	600 V	600 V	600 V

# EAC

VDE report with production monitoring	
Nominal voltage UN	1000 V

IECEE CB Scheme	
Nominal voltage UN	1000 V



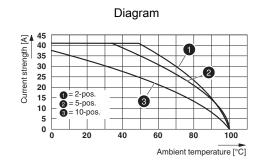
# Approvals



# **Drawings**

#### Circuit diagram

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