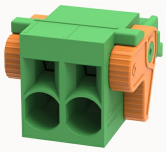
Overview

Product information



5EDGKDG-7.62-10020009315

Plug in connector, nominal current: 41A. Rated voltage (III/2): 1000V, pin spacing: 7.62mm, color: green, contact surface: Sn

Product advantages

☑ Direct insertion spring connection, efficient wiring
☑ Equipped with locking devices on both sides, it is more convenient to operate compared to traditional screw flanges and optimizes space
☑ Automatic plug and lock to prevent accidental disconnection
☑ Built in stainless steel auxiliary clamps can effectively improve the long-term temperature stability of the connection

Product certification

Technical data

Product drawing

3D model

Electrical parameters UL

Rated current (C)	35A

Packaging information

Type of packaging	box-packed

Connection capacity

Conductor cross section solid	0.2~10mm²
Conductor cross section flexible	0.2~10mm²
AWG	24~8AWG
Strip length	14mm

Electrical parameters UL

Rated voltage (B)	600V
Rated voltage (C)	600V
Rated current (B)	35A

Electrical parameters IEC

Rated voltage	1000V
Rated voltage(III/3)	1000V
Rated current	41A
Rated voltage(III/2)	1000V
Rated voltage(II/2)	1000V
Rated surge voltage(III/3)	8KV
Rated surge voltage(III/2)	8KV
Rated surge voltage(II/2)	6KV

Item properties

Connection direction	0°
Connection method	Push-in spring connection
Pitch	7.62mm
Number of potentials	2
Pluggable or not	Yes
Number of rows	1

Material data

Contact material	copper
Contact point metal surface	tin-plated
Contact zone metal surface	tin-plated
Insulation Materials	PA66

Shell color	green
Insulating material group	I
Flammability rating	UL94V-0

Mechanical tests

Test Specification	IEC61984/ UL1059

Environmental data

Relative humidity (storage/transport)	30% ~ 70%
Ambient temperature (assembly)	-5℃~100℃
Ambient temperature (operation)	-40℃~105℃(depending on derating curve)
Ambient temperature (storage / transport)	-40℃~70℃

Accessories

Tool

Bolt driver	/
Line taking tool	/

Enclosure

Code strip	5EDG-PWI
Bridge components	/
Marking bar	/
Else	/

Business data

Order number	10020009315
Packing unit	150
Minimum order quantity	

Products weight (without packaging)	12.375