

Datasheet

Art.No. 70.200.0653.0

Female insert POW BUS 6 6,0 40 AG

revos POWER 6 pole + ground, female insert 400V/35A, screw connection



Art.No.	70.200.0653.0
EAN	4015573219540
Order unit	10 pieces

Approvals



Technical data

General

Model	Female insert
Inflammability class of insulation material acc. with UL94	HB
Colour	Grey
Mating cycles	200
Pollution degree	3
Modular version	No
Operating temperature range min.	-40 °C
Operating temperature range max.	120 °C

Connection Data

Connection type	Screw connection
Number of poles	6
Plus switching contacts	0
Number of pole for rated current 2	0
Number of pole for rated current 3	0
Total number of poles (without ground contact)	6
With wire protection	Yes
Min. conductor diameter rigid (solid/stranded)	2.5 mm ²
Max. conductor diameter rigid (solid/stranded)	6 mm ²
Protective contact	Yes

Technical Data UL/CSA

Rated voltage according to UL/CSA	600 V
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Rated current according UL	35 A
Rated current according CSA	35 A
Min. conductor cross section flexible wire	2.5 mm ²
Max. conductor cross section flexible wire	6 mm ²
Conductor cross section flexible AWG wire	14-8 AWG

Model

With housing	No
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Contacts

Contact material	Copper alloy
Surface	Silver-plated
Contact resistance	≤ 0.6 mOhm
Wire strip length	10 mm

Screws head design/recomm. Torque

Mounting screws	H1/0.5-0.7 Nm
Clamping screws	H1/1.2-1.6 Nm
Ground conductor screws	M5/2.0-2.5 Nm Slot

Technical Data DIN EN 61984

Nominal voltage	400 V
Rated voltage face/ground	400 V
Nominal current	35 A
Rated impulse voltage	6 kV

Classification

ECLASS 8.1	27440205: Contact insert for industrial connectors
ETIM 6.0	: EC000438
ETIM 5.0	EC000438: Contact insert for industrial connectors
ETIM 4.0	EC000438: Contact insert for industrial connectors
ETIM 3.0	EC000438: Contact insert for heavy duty connectors