

Datasheet

Art.No. 72.215.1053.0

Male insert POW STS 4/6 DA D AG

revos POWER 4-/6 pole + ground, female insert 690V/4x35A + 6x16A, screw connection



Approvals



Technical data

General

Model	Pin insert
Colour	Grey
Pollution degree	3
Modular version	No
Alternative size	
Operating temperature range min.	-40 °C
Operating temperature range max.	120 °C

Connection Data

Connection type	Screw connection
Number of poles	4
Plus switching contacts	0
Number of pole for rated current 2	6
Number of pole for rated current 3	0
Total number of poles (without ground contact)	10
With wire protection	Yes
Min. conductor diameter rigid (solid/stranded)	1
Max. conductor diameter rigid (solid/stranded)	6
Protective contact	Yes

Technical Data UL/CSA

Rated voltage according to UL/CSA	600
Rated current according UL	35
Rated current according CSA	35
Min. conductor cross section flexible wire	1
Max. conductor cross section flexible wire	6

Conductor cross section flexible AWG wire	16-8 AWG
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Model

With housing	No
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Contacts

Contact material	Copper alloy
Surface	Silver-plated
Contact resistance	1 mOhm
Wire strip length	10 mm

Screws head design/recomm. Torque

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

Technical Data DIN EN 61984

Nominal voltage	690
Rated voltage face/ground	690
Nominal current	35
Rated current 2	16
Rated impulse voltage	8 kV

Classification

ECLASS 8.1	27440205: Contact insert for industrial connectors
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