

## Datasheet

Art.No. 72.215.1253.0

Male insert POW STS 6/6 GC CA AG

revos POWER 6-/6 pole + ground, male insert 690V/400V/6x40A + 400V/230V/6x16A, screw connection



Art.No.	72.215.1253.0
EAN	4015573226814
Order unit	10 pieces

## Approvals



## Technical data

### General

Model	Pin insert
Inflammability class of insulation material acc. with UL94	HB
Colour	Grey
Mating cycles	200
Pollution degree	3
Modular version	No
Alternative size	16
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	6
Number of pole for rated current 3	0
Total number of poles (without ground contact)	12
With wire protection	Yes
Min. conductor diameter rigid (solid/stranded)	1 mm <sup>2</sup>
Max. conductor diameter rigid (solid/stranded)	10 mm <sup>2</sup>
Protective contact	Yes

**Technical Data UL/CSA**

Rated voltage according to UL/CSA	600 V
Rated current according UL	40 A
Rated current according CSA	40 A
Min. conductor cross section flexible wire	1 mm <sup>2</sup>
Max. conductor cross section flexible wire	10 mm <sup>2</sup>
Conductor cross section flexible AWG wire	16-6 AWG

**Model**

With housing	No
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**Contacts**

Contact material	Copper alloy
Surface	Silver-plated
Contact resistance	≤ 1.5 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 V
Rated voltage 2	400 V
Rated voltage face/ground	400 V
Nominal current	40 A
Rated current 2	16 A
Rated impulse voltage	4 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