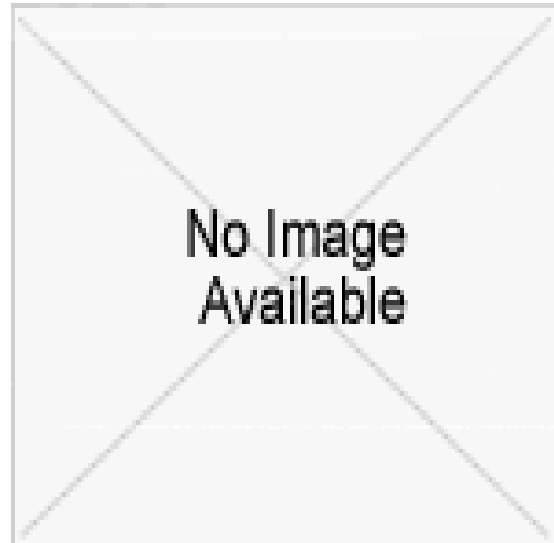


## Datasheet

Art.No. 72.216.1253.0

Male insert POW STS 4/8 NL BB AG



Art.No.	72.216.1253.0
EAN	4049088169359
Order unit	5 pieces

## Approvals



## Technical data

### General

Model	Pin insert
Inflammability class of insulation material acc. with UL94	V2
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	4
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)	4
With wire protection	Yes
Min. conductor diameter rigid (solid/stranded)	6 mm <sup>2</sup>
Max. conductor diameter rigid (solid/stranded)	16 mm <sup>2</sup>
Protective contact	Yes

### Technical Data UL/CSA

Rated voltage according to UL/CSA	600 V
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Rated current according UL	82 A
Rated current according CSA	82 A
Min. conductor cross section flexible wire	6 mm <sup>2</sup>
Max. conductor cross section flexible wire	16 mm <sup>2</sup>
Conductor cross section flexible AWG wire	10-4 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	H2/2.5-3.0 Nm
Ground conductor screws	M5/2.0-2.5 Nm Slot

**Technical Data DIN EN 61984**

Nominal voltage	690 V
Rated voltage face/ground	400 V
Nominal current	82 A
Rated impulse voltage	6 kV

**Classification**

ECLASS 8.1	27440205
ETIM 6.0	EC000438
ETIM 5.0	EC000438
ETIM 4.0	EC000438
ETIM 3.0	EC000438

