

## Datasheet

Item No. 70.312.1640.0

Male insert BAS STS OD 16 2,5 50

revos BASIC 500V 16 pole + ground, male insert 500V/16A without wire protection, Sn screw connection



Item No.	70.312.1640.0
EAN	4015573220003
order unit	10 Piece(s)

### Approvals



### Technical data

#### General

Model	Pin insert
Inflammability class of insulation material acc. with UL94	V0
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	16
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)	16
With wire protection	No
Conductor cross section rigid (solid, stranded)	2.5
Protective contact	Yes

#### Technical Data UL/CSA

Rated voltage according to UL/CSA	600
Rated current according UL	16
Rated current according CSA	16

Min. conductor cross section flexible wire	0.5
Max. conductor cross section flexible wire	2.5
Conductor cross section flexible AWG wire	22-14 AWG

**Model**

With housing	No
--------------	----

**Contacts**

Contact material	Copper alloy
Surface	Tin-plated
Contact resistance	1.5 mOhm
Wire strip length	7 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	H2/1.2-1.6 Nm

**Technical Data DIN EN 61984**

Nominal voltage	500
Rated voltage face/ground	500
Nominal current	16
Rated impulse voltage	6 kV

