

## Datasheet

Item No. 70.312.1040.0

Male insert BAS STS OD 10 2,5 50

revos BASIC 500V 10 pole + ground, male insert 500V/16A without wire protection, Sn screw connection



|            |               |
|------------|---------------|
| Item No.   | 70.312.1040.0 |
| EAN        | 4015573219991 |
| 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                                 | 10               |
| 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)  | 10               |
| 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 |

