

## product data sheet

item no. 70.945.2453.3

### multipole adapter set BAS GAZSHRB24 4,0 50

Multipole adapter revos BASIC 500V/16A with base, screw connection 24 pole + ground, long design, female insert, ground right, double locking lever

|            |               |
|------------|---------------|
| item no.   | 70.945.2453.3 |
| EAN        | 4015573224735 |
| order unit | 10 piece(s)   |

#### certificates / approvals



#### technical data

##### general

|                                                          |               |
|----------------------------------------------------------|---------------|
| model                                                    | female insert |
| size (in accordance with DIN 43880)                      | 24            |
| flammability class of insulation material acc. with UL94 | V2            |
| color                                                    | grey          |
| pollution degree                                         | 3             |
| operating temperature range min.                         | -40 °C        |
| operating temperature range max.                         | 120 °C        |
| suitable for modular version                             | no            |

##### connection data

|                                                 |                  |
|-------------------------------------------------|------------------|
| connection type                                 | screw connection |
| number of poles                                 | 24               |
| 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)  | 24               |
| with wire protection                            | yes              |
| Leiterquerschnitt starr (ein-/mehrdrahtig) Min. | 0.5 mm²          |
| Leiterquerschnitt starr (ein-/mehrdrahtig) Max. | 4 mm²            |
| protective contact                              | yes              |

##### technical data UL/CSA

|                                            |           |
|--------------------------------------------|-----------|
| nominal voltage according to UL/CSA        | 600 V     |
| nominal current according UL               | 16 A      |
| nominal current according CSA              | 16 A      |
| min. conductor cross section flexible wire | 0.5 mm²   |
| max. conductor cross section flexible wire | 4 mm²     |
| conductor cross section flexible AWG wire  | 20-12 AWG |

##### model

|                                  |                                |
|----------------------------------|--------------------------------|
| with housing                     | yes                            |
| locking mechanism                | double locking levers          |
| construction type                | long design (6 marking fields) |
| position of protective conductor | right                          |

**contacts**

|                    |              |
|--------------------|--------------|
| contact material   | copper alloy |
| surface            | tin-plated   |
| wire strip length  | 12 mm        |
| contact resistance | # 3 mOhm     |

**screws head design/recomm. Torque**

|                         |                    |
|-------------------------|--------------------|
| mounting screws         | H1/0.5-0.7 Nm      |
| clamping screws         | M3/0.5-0.7 Nm slot |
| ground conductor screws | H2/1.2-1.6 Nm      |

**technical data DIN EN 61984**

|                             |       |
|-----------------------------|-------|
| nominal voltage             | 500 V |
| nominal voltage face/ground | 500 V |
| nominal current             | 16 A  |
| rated impulse voltage       | 6 kV  |

**assembly**

| item no.      | type                             | description                                                                                             |
|---------------|----------------------------------|---------------------------------------------------------------------------------------------------------|
| 70.310.1602.0 | male insert BAS STS 16 2,5 50 AG | Male insert revos basic, 16-poles, rated current: 16A, rated voltage: 500V, with silver-plated contacts |
| 70.310.1640.0 | male insert BAS STS 16 2,5 50    | Male insert revos basic, 16-poles, rated current: 16A, rated voltage: 500V, with tin-plated contacts    |
| 70.311.1640.0 | male insert BAS STS 16 2,5 50 AU | Male insert revos basic, 16-poles, rated current: 16A, rated voltage: 500V, with gold-plated contacts   |
| 70.312.1640.0 | male insert BAS STS OD 16 2,5 50 | Male insert revos basic, 16-poles, rated current: 16A, rated voltage: 500V, with tin-plated contacts    |
| 70.510.1653.0 | male insert BAS STF 16 2,5 50    | Male insert revos basic, 16-poles, rated current: 16A, rated voltage: 500V, with tin-plated contacts    |
| 70.512.1653.0 | male insert BAS STM 16 2,5 50 AG | Male insert revos basic, 16-poles, rated current: 16A, rated voltage: 500V, with silver-plated contacts |
| 70.710.1658.0 | male insert BAS STC 16 50        | Male insert revos basic, 16-poles, rated current: 16A, rated voltage: 500V, with tin-plated contacts    |
| 70.415.1653.0 | male insert BAS STP 16 2,5 50 AG | Male insert revos basic, 16-poles, rated current: 16A, rated voltage: 500V, with silver-plated contacts |