product data sheet

item no. 70.110.1053.3

# multipole adapter BAS SAS LL 10 4,0 50

Multipole adapter revos BASIC 500V/16A screw connection 10 pole + ground, long design, male insert, ground left



| | |
|---|---|
| item no. | 70.110.1053.3 |
| EAN | 4015573218390 |
| order unit | 10 piece(s) |

## certificates / approvals

## technical data

**general**

| | |
|---|---|
| model | pin insert |
| size (in accordance with DIN 43880) | 10 |
| inflammability 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 | 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 | yes |
| Leiterquerschnitt starr (ein-/mehrdrähtig) Min. | 0.5 mm² |
| Leiterquerschnitt starr (ein-/mehrdrähtig) 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 | no |
| construction type | long design (6 marking fields) |
| position of protective conductor | left |

**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**

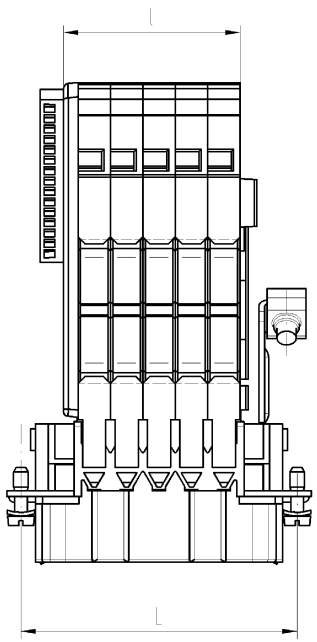
| | |
|---|---|
| nominal voltage | 500 V |
| nominal voltage face/ground | 500 V |
| nominal current | 16 A |
| rated impulse voltage | 6 kV |

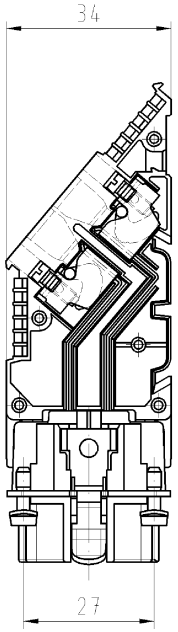
## assembly

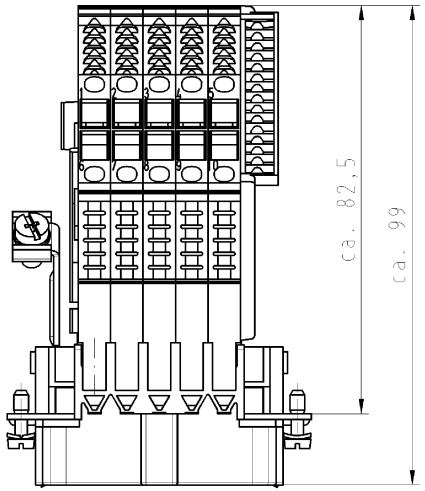
| item no. | type | description |
|---|---|---|
| 70.300.1002.0 | female insert BAS BUS 10 2,5 50 AG | Female insert revos basic, 10-poles, rated current: 16A, rated voltage:500V, with silver-plated contacts |
| 70.300.1040.0 | female insert BAS BUS 10 2,5 50 | Female insert revos basic, screw type, 10-poles, rated current: 16A, rated voltage:500V, with tin-plated contacts |
| 70.301.1040.0 | female insert BAS BUS 10 2,5 50 AU | Female insert revos basic, 10-poles, rated current: 16A, rated voltage:500V, with gold-plated contacts |
| 70.302.1040.0 | female insert BAS BUS OD 10 2,5 50 | Female insert revos basic, 10-poles, rated current: 16A, rated voltage:500V, with tin-plated contacts |
| 70.500.1053.0 | female insert BAS BUF 10 2,5 50 | Female insert revos basic, spring type, 10-poles, rated current: 16A, rated voltage:500V, with silver-plated contacts |
| 70.502.1053.0 | female insert BAS BUM 10 2,5 50 AG | Female insert revos basic, 10-poles, rated current: 16A, rated voltage:500V, with silver-plated contacts |
| 70.700.1058.0 | female insert BAS BUC 10 50 | Female insert revos basic, 10-poles, rated current: 16A, rated voltage:500V, with tin-plated contacts |
| 71.320.1028.0 | bottom BAS GUT GK 10 A | Bottom-base revos basic made of aluminum, with single locking lever, open, low version, 10-poles |
| 71.325.1028.0 | bottom BAS GUT GP 10 A | Bottom-base revos basic made of aluminum, with single locking lever, open, low version, 10-poles |
| 71.330.1035.0 | bottom BAS GUT GL 10 M20 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M20 on the right and left side (IP54), low version, 10-polig |
| 71.330.1035.1 | bottom BAS GUT GL 10 M20 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M20 on the right and left side, low version, 10-polig |
| 71.331.1035.0 | bottom BAS GUT GM 10 M20 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M20 on the left side (IP54), low version, 10-polig |
| 71.331.1035.1 | bottom BAS GUT GM 10 M20 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M20 on the left side, low version, 10-polig |
| 71.333.1035.0 | bottom BAS GUT GO 10 M20 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M20 on the bottom (IP54), low version, 10-polig |
| 71.333.1035.1 | bottom BAS GUT GO 10 M20 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M20 on the bottom, low version, 10-polig |
| 71.335.1035.0 | bottom BAS GUT GM 10 M25 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M25 on the left side (IP54), low version, 10-polig |
| 71.335.1035.1 | bottom BAS GUT GM 10 M25 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M25 on the left side, low version, 10-polig |
| 71.340.1035.0 | bottom BAS GUT GR 10 M20 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M20 on the right and the left side, with protective cover (IP54), low version, 10-polig |

| | | |
|---|---|---|
| 71.340.1035.1 | bottom BAS GUT GR 10 M20 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M20 on the right and the left side, with protective cover, low version, 10-polig |
| 71.341.1035.0 | bottom BAS GUT GS 10 M20 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M20 on the left side, with protective cover (IP54), low version, 10-polig |
| 71.341.1035.1 | bottom BAS GUT GS 10 M20 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M20 on the left side, with protective cover, low version,10-polig |
| 71.342.1035.0 | bottom BAS GUT GT 10 M20 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M20 on the right side, with protective cover (IP54), low version, 10-polig |
| 71.342.1035.1 | bottom BAS GUT GT 10 M20 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M20 on the right side, with protective cover, low version, 10-polig |
| 71.343.1035.0 | bottom BAS GUT GU 10 M20 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M20 on the bottom, with protective cover (IP54), low version, 10-polig |
| 71.343.1035.1 | bottom BAS GUT GU 10 M20 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M20 on the bottom, with protective cover, low version, 10-polig |
| 70.320.1028.0 | bottom BAS GUT GA 10 A | Bottom-base revos basic made of aluminum, with double locking lever or.screw cap, low version, 10-poles |
| 70.325.1028.0 | bottom BAS GUT GE 10 A | Bottom-base revos basic made of aluminum, for double locking lever and protective cover, open, low version, 10-poles |
| 70.330.1035.0 | bottom BAS GUT GB 10 M20 A0 | Bottom-base revos basic made of aluminum, with double locking lever or.screw cap with cable gland M20 on the right and left side (IP54), low version, 10-polig |
| 70.330.1035.1 | bottom BAS GUT GB 10 M20 A1 | Bottom-base revos basic made of aluminum, with double locking lever or.screw cap with threaded hole M20 on the right and left side, low version, 10-polig |
| 70.331.1035.0 | bottom BAS GUT GC 10 M20 A0 | Bottom-base revos basic made of aluminum, with double locking lever or.screw cap with cable gland M20 on the left side (IP54), low version, 10-polig |
| 70.331.1035.1 | bottom BAS GUT GC 10 M20 A1 | Bottom-base revos basic made of aluminum, with double locking lever or.screw cap with threaded hole M20 on the left side, low version, 10-polig |
| 70.333.1035.0 | bottom BAS GUT GD 10 M20 A0 | Bottom-base revos basic made of aluminum, with double locking lever or.screw cap with cable gland M20 on the right side (IP54), low version, 10-polig |
| 70.333.1035.1 | bottom BAS GUT GD 10 M20 A1 | Bottom-base revos basic made of aluminum, with double locking lever or.screw cap with threaded hole M20 on the right side, low version, 10-polig |
| 70.334.1035.0 | bottom BAS GUT GB 10 M25 A0 | Bottom-base revos basic made of aluminum, with double locking lever or.screw cap with cable gland M25 on the right and left side (IP54), low version, 10-polig |
| 70.334.1035.1 | bottom BAS GUT GB 10 M25 A1 | Bottom-base revos basic made of aluminum, with double locking lever or.screw cap with threaded hole M25 on the right and left side, low version, 10-polig |
| 70.335.1035.0 | bottom BAS GUT GC 10 M25 50 A0 | Bottom-base revos basic made of aluminum, with double locking lever or.screw cap with cable gland M25 on the left side (IP54), low version, 10-polig |
| 70.335.1035.1 | bottom BAS GUT GC 10 M25 A1 | Bottom-base revos basic made of aluminum, with double locking lever or.screw cap with threaded hole M25 on the left side, low version, 10-polig |
| 70.337.1035.1 | bottom BAS GUT GD 10 M25 A1 | Bottom-base revos basic made of aluminum, with double locking lever or.screw cap with threaded hole M25 on the right side, low version, 10-polig |
| 70.340.1035.0 | bottom BAS GUT GF 10 M20 A0 | Bottom-base revos basic made of aluminum, for double locking lever withcable gland M20 on the left and right side, with protective cover (IP54), low version, 10-polig |
| 70.340.1035.1 | bottom BAS GUT GF 10 M20 A1 | Bottom-base revos basic made of aluminum, for double locking lever withthreaded hole M20 on the left and right side, with protective cover, low version, 10-polig |
| 70.341.1035.0 | bottom BAS GUT GG 10 M20 A0 | Bottom-base revos basic made of aluminum, with double locking lever andcable gland M20 on the left side, with protective cover (IP54), low version, 10-polig |
| 70.341.1035.1 | bottom BAS GUT GG 10 M20 A1 | Bottom-base revos basic made of aluminum, with double locking lever andthreaded hole M20 on the left side, with protective cover, low version,10-polig |
| 70.342.1035.0 | bottom BAS GUT GH 10 M20 A0 | Bottom-base revos basic made of aluminum, with double locking lever andcable gland M20 on the right side, with protective cover (IP54), low version, 10-polig |
| 70.342.1035.1 | bottom BAS GUT GH 10 M20 A1 | Bottom-base revos basic made of aluminum, with double locking lever andthreaded hole M20 on the right side, with protective cover, low version, 10-polig |
| 70.343.1035.0 | bottom BAS GUT GI 10 M20 A0 | Bottom-base revos basic made of aluminum, with double locking lever andcable gland M20 on the bottom, with protective cover (IP54), low version, 10-polig |
| 70.343.1035.1 | bottom BAS GUT GI 10 M20 A1 | Bottom-base revos basic made of aluminum, with double locking lever andthreaded hole M20 on the bottom, with protective cover, low version, 10-polig |
| 70.344.1035.1 | bottom BAS GUT GB 10 M25 A | Bottom-base revos basic made of aluminum, with protectiv cover and cable glands on the right and left side (IP54), low version, 10-poles |
| 70.405.1053.0 | female insert BAS BUP 10 2,5 50 AG | Female insert revos basic, 10-poles, rated current: 16A, rated voltage:500V, with silver-plated contacts |

technical drawing




Gezeichnet: 10-polige Ausführung
70.110.1053.3

drawn: 10-pole version
70.110.1053.3

| Teile-Nr. part-number | Polzahl pole | l | L |
|---|---|---|---|
| 70.110.2453.3 | 24 | 83,4 | 104 |
| 70.110.1653.3 | 16 | 56,6 | 77,5 |
| 70.110.1053.3 | 10 | 36,5 | 57 |
| 70.110.0653.3 | 6 | 23,1 | 44 |

Weitere Daten siehe Katalog
further data see catalog

Freitoleranz nach DIN | CAD - Zeichnung, keine manuellen Änderungen | 1.Verwendung: - | Bl.: 1 von 1

Maßstab 1:1 | Werkstoff und Oberfläche: | Zeichnung Nr. 70.110.0653.3 01K | Index

| | 2005 | Tag | Name |
|---|---|---|---|
| Entworfen | | 13.06. | Schmitt J. |
| Geprüft | | - | - |
| Normgepr. | | - | - |

Ersatz für: -

wieland
Elektrische Verbindungen

Benennung
KLEMMEN_ADAPTER
Steckereinsatz SL-links/socket insert earth-left
terminal adaptor 500V 16A 4qmm

Buchstabe | Datum / Blatt | Änderung

Diese Maße werden bei Abnahme besonders geprüft
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