

Data sheet

Art.No.: 70.300.1640.0

Female insert BAS BUS 16 2,5 50

revos BASIC 500V 16 pole + ground, female insert 500V/16A with wire protection, Sn screw connection



| | |
|------------|---------------|
| Art.No. | 70.300.1640.0 |
| EAN | 4015573219625 |
| Order Unit | 10 |

Certificates / Approvals



Technical data

General

| | |
|--|---------------|
| Model | Female insert |
| Inflammability class of insulation material acc. with UL94 | V0 |
| Color | 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 | Yes |
| Min. conductor diameter rigid (solid/stranded) | 0.5 mm ² |
| Max. conductor diameter rigid (solid/stranded) | 2.5 mm ² |
| Protective contact | Yes |

Technical Data UL/CSA

| | |
|--|---------------------|
| Rated voltage according to UL/CSA | 600 V |
| Rated current according UL | 16 A |
| Rated current according CSA | 16 A |
| Min. conductor cross section flexible wire | 0.5 mm ² |
| Max. conductor cross section flexible wire | 2.5 mm ² |

| | |
|---|-----------|
| 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 |

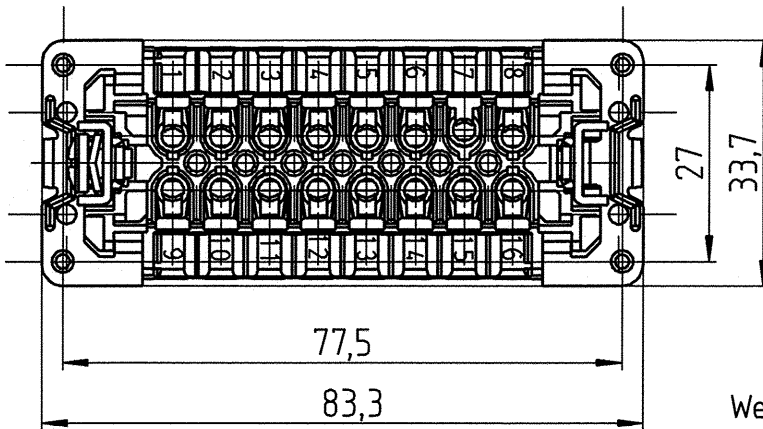
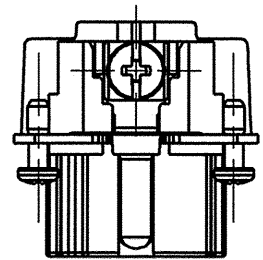
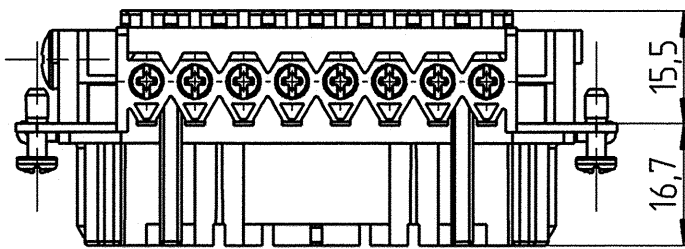
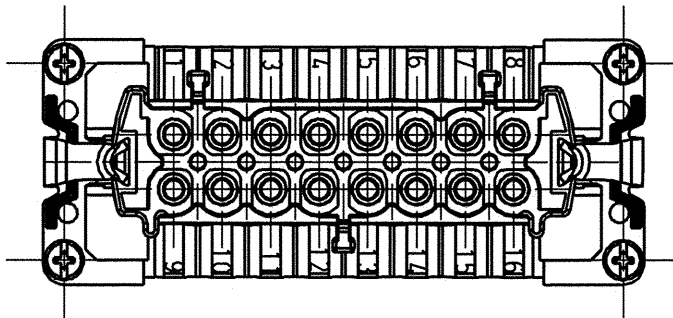
Technical Data DIN EN 61984

| | |
|---------------------------|-------|
| Nominal voltage | 500 V |
| Rated voltage face/ground | 500 V |
| Nominal current | 16 A |
| Rated impulse voltage | 6 kV |

Classification

| | |
|------------|----------|
| ECLASS 8.1 | 27440205 |
| ETIM 7.0 | EC000438 |
| ETIM 6.0 | EC000438 |
| ETIM 5.0 | EC000438 |
| ETIM 4.0 | EC000438 |
| ETIM 3.0 | EC000438 |

16-polig/16-pole



Weiter Daten siehe Katalog
further Data see catalog

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A
These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

C
Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

Tolerierung Size ISO 14405 (E) / Tolerance system Size ISO 14405 (E).
(This ISO-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances).

ja/yes Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten.
Conformity with Wieland document WN 5020.010 e (list of prohibited / declarable hazardous substances) to be declared!

Freitoleranz nach
General tolerance

CAD - Zeichnung, keine manuellen Änderungen
CAD - drawing, no manual modifications allowed

1. Verwendung:
First Use:

Blatt: 1 von 1
Sheet: 1 of 1

| | | | | | | | |
|--|---|-----------------|------------------------|---------------------------|-----------|-----------------------------------|-------|
| | / | | Werkstoff / Material | Tag/Date | Name | Zeichnung Nr. / Drawing No. | Index |
| | / | | Farbe/color: | 03.02.2017 | Ritter K. | | |
| | / | Maßstab / Scale | kieselgrau/pebble gray | gezeichnet drawn | | 70.300.1640.001K | |
| | / | | 1:1 | geprüft checked | | | |
| | / | | | Normgepr. Stand. check | | Maße in mm / Dimensions are in mm | |

| | | | | | | |
|---------------------|-------------------------------|--------------------------|-----------------|---|-----------------|-------------------------------|
| | / | Vol. | mm ³ | Ofl./Srf. | mm ² | Ersatz für / Replacement for: |
| | / | | | | | Type |
| | / | | | Benennung/Title | | |
| | / | www.wieland-electric.com | | BUCHSENEINSATZ | | |
| Index | Datum / Blatt Date / Sheet | | | 2,5 qmm 500V 16A Schraubanschluss und Drahtschutz | | |
| Änderung / Revision | | | | male insert screw connection and wire protection | | |