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# Overview of the industrial multipole connector range revos



Industrial multipole connectors are specially designed to satisfy the demanding requirements of aggressive environment applications. The main areas of application are the automotive industry, machine tool construction, industrial system building, as well as I&C technology.

They simplify the installation of machines and industrial systems, and help to save time. Their housings protect against mechanical stress and prevent ingress of splashing water or dust. Quality checks can be performed in the factory for complete system sections, and their commissioning can be simplified.

For **revos** connectors a CCC approval has been applied for.

#### **Contact inserts:**

#### revos Basic



6 to 92 pole design with screw, spring clamp and crimp connection technology.

The contact inserts and multipole adapters of **revos** BASIC can

The proven connectors and multipole adapters are available in

The contact inserts and multipole adapters of **revos** BASIC can be found beginning on page 1046.

#### **revos** power



The contact inserts and multipole adapters are designed for >16 A currents; they are also available with mixed contacts and screw connection.

The contact inserts and multipole adapters of **revos** POWER can be found beginning on page 1108.

#### revos HD



Contact inserts and multipole adapters with 15 to 64 poles and for currents up to 10 A designed according to DIN EN 175301-801 (previously DIN 46352). The contact inserts are designed in crimp connection technology.

The contact inserts and multipole adapters of **revos** HD can be found beginning on page 1100.

## revos flex



The modular system for the economical and clever mixture of contact inserts. With this flexible system you can customize your connector, to meet the requirements of your application. The contact inserts of the **revos** FLEX series can be found beginning on page 1140.

#### revos MINI



The contact inserts for the **revos** MINI connector series are very compact and available with 3 to 8 poles.

The contact inserts for the **revos** MINI connectors can be found beginning on page 1044.

# Overview of the industrial multipole connector range *revos*

# revos

## **Housing families:**

#### **revos** basic



revos HD



revos MINI



The housing of the BASIC series are available in size 6 to 48. For convenient connection of the cables this series is also available with enlarged cable entry in increased height design in sizes 6H–24H. The housings are made of die cast aluminum with, silicon-free finish.

The housings of **revos** BASICcan be found beginning on page 1158.

The housings of the HD series are available in size 10/15 to 32/50.

The housings of the revos HD series can be found beginning on page 1270.

The design of the housings for the connectors of **revos** MINI is very compact and available in two materials:

- Die cast zinc alloy
- Polyamide

The housings of the **revos** MINI series can be found beginning on page 1154.

# Special multipole connector designs:



revos IT



**revos** multipole connectors are designed for special applications in hazardous areas. Their use in zone 1 for intrinsic circuits has been approved by the BVS test institute. The housings for the multipole connectors are manufactured from die cast zinc alloy.

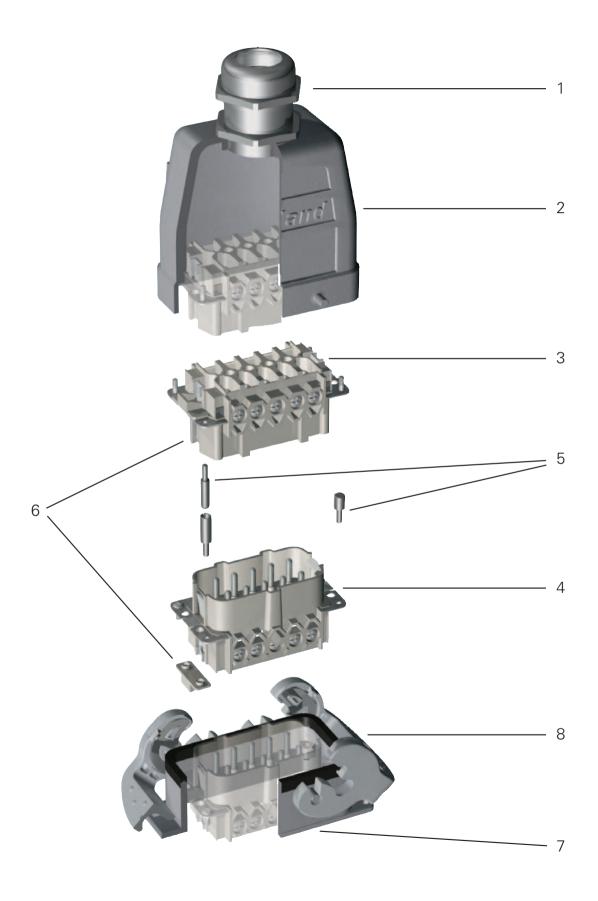
**revos** (a) multipole connector contact inserts can be found beginning on page 1136.

The housings for **revos** (a) can be found beginning on page 1284. See the operating instructions for (a) multipole connectors on page 1445.

Data cable feed-throughs – the ideal solution for the installation of pre-assembled cables to enclosures. Sealed and with strain relief. Inserts with D-Sub connectors 9 to 100 pole.

revos it products can be found beginning on page 1130.

# revos



# General design of a revos industrial multipole connector

## 1. Cable glands

For **revos** industrial connectors the following cable glands are available:

- Cable gland without strain relief, protection degree IP54,
   7x.xxx.xxxx.0 fully assembled
- Cable glands, protection degree IP68, available as accessories in plastic or brass
- EMC cable glands

#### 2. Hoods

Aluminum die cast alloy, silicon-free finish (housings for (**revos** (a)- and **revos** (a) are manufactured from die cast zinc alloy)

- Low and increased height designs available
- Cable entry at the side, on top or at the front
- With or without locking levers

#### 3. Female inserts

Available in the following connection techniques:

- Screw connection
- Spring clamp connection
- Crimp connection

#### 4. Male inserts

Available in the following connection techniques:

- Screw connection
- Spring clamp connection
- Crimp connection

## 5. Coding accessories

Coding pins, female coding pieces and coding bolts

## 6. Coding bolts

Coding pieces are used for coding 690 V contact inserts. In the 690 V housings the coding ribs are removed and insulating tape is attached inside the housing in order ensure the creepage distances and clearances to live parts. This mechanical coding prevents the 690 V contact inserts from being mounted in 500 V housings.

#### 7. Bases

Aluminum die cast alloy, silicon-free finish (housings for (**revos** &- und **revos** MINI are manufactured from die cast zinc alloy)

- Low and increased height designs available
- Open-bottom and closed-bottom bases
- Single or double locking lever of plastic, steel or stainless steel
- Coupling for "cable-to-cable connections"

# 8. Locking levers

Single or double locking lever in plastic, steel or stainless steel design.

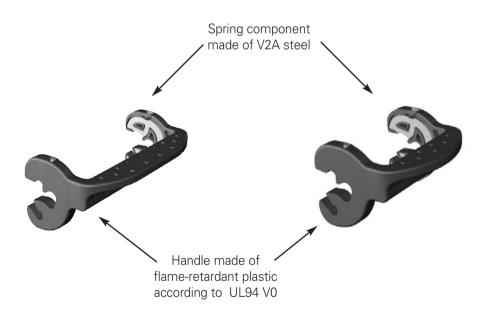
# The locking mechanism of the revos BASIC industrial multipole connectors

The locking levers secure the mechanical connection between hood and housing. The locking mechanism is also a main determinant of the connector's IP protection rating. Wieland's standard **revos** BASIC connectors in size 6 to 24 are equipped with locking levers that are made of two components.

The handle consists of flame-retardant and halogen-free plastic material and ensures convenient and almost wear-free locking. The retention force is provided by a spring component that is made of V2A stainless steel and also resists aggressive environmental conditions.

## Locking features:

- Low-wear locking mechanism
- High holding forces
- Plastic material suitable for outdoor applications
- Salt and seawater resistant, UV resistant
- During overhead mounting the lever will remain in the open position
- Replaceable
- Self-extinguishing plastic material according to UL 94 V0



Single locking lever (long-side lever)

Double locking lever (narrow-side lever)

# The locking mechanism of the revos BASIC industrial multipole connectors

In general we distinguish levers on the hood and levers on the base, as well as single locking levers (on the long side) and

double locking levers (on the narrow side). On the opposite hood or base there are studs to which the lever latches.

The following lock types are available:





One long-side lever (single locking lever)





Two narrow-side levers (double locking lever)

## Connectors for cable-to-cable couplings:



One long-side lever (single locking lever)



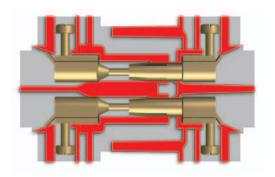


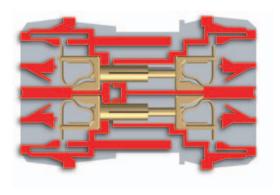
Two narrow-side levers (double locking lever)

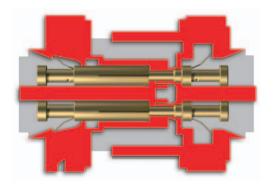
wieland

# **Connection technologies**









## Screw connection technology:

This connection technology is the one most frequently used

Screw connectors are designed according to EN 60 999/VDE 0609.

Features of this connection technology:

- Operation is simple and easy
- No special tools required
- High-quality connection that can be used for all areas of application
- Non-permanent connection, rewiring possible The contact point can be delivered with or without wire protection.

Clamping bodies with wire protection do not require any preparation of the wires.

Clamping bodies without wire protection require appropriate preparation of the wires in case fine-stranded wires are used.

#### Spring clamp connection technology:

In the last few years this connection technology has been established as an industrial standard.

Spring clamp connectors are designed according to EN 60 999/VDE 0609.

Features of this connection technology:

- Easy handling
- No special tools required
- High-quality connection even under vibration
- Non-permanent connection, rewiring possible

For contact inserts with spring clamp connection technology all wire types (solid, stranded, fine-stranded) can be used without special preparation of the wires.

When ferrules are used they must be crimped to the wire by means of a special positively driven crimping tool.

## **Crimp connection technology:**

This connection technology provides the highest quality, but is also the most demanding. The technical requirements for crimp connections are defined in the IEC 60 352-2 standard. Crimp connections must always be produced using a crimping tool that has been designed for the contact. Wieland crimping tools are specifically adapted to the contacts and thus ensure a permanent and corrosion-resistant connection.

Features of this connection technology:

- High-quality connection similar to cold welding
- Consistant repeatability of the crimp connection
- Suitable for automation during pre-assembly of cable harnesses
- Compact design that allows a high contact density
- Special crimping tool required
- Permanent connection

# **Connection technologies**



#### Screw connection technology

Screw head designs

**revos** contact inserts have the following screw head designs:

- ♣ Phillips size H1 and H2 according to DIN 5260 in +/- design
  - Mounting screws for all contact inserts of the **revos** family
  - Clamping screws
  - Ground conductor screws
- Slotted screws according to DIN 5264
  - Clamping screws for some **revos** POWER contact inserts

Spring clamp and crimp contact inserts only require fastening and ground conductor screws.

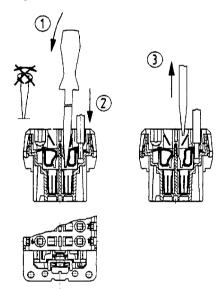
# Spring clamp connection technology

Operating instructions:

- 1. Insert the screwdriver using a slight curving motion into the rectangular opening.
- 2. Open the clamping body.

  The screwdriver will stay in position, and hold the clamping body open.
- 3. Insert the wire into the round wire entry guide and remove the screwdriver.

Screwdriver: 0.6 mm x 3.5 mm Part number: 06.502.4000.0

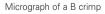


# **Crimp connection technology**

Using the suitable tools when producing crimp connections is essential. Correct and gas-tight connections can only be ensured by tools that are particularly adapted to the contact.

Wieland crimping tools compress the contact point with a so-called B crimp or a square crimp to make it gas-tight.







Micrograph of a square crimp

## A contact to tool assignment can be found on page 1328.

# Contact materials

**revos** connectors are available with tin-plated, silver-plated or gold-plated contacts. The basic material is a high-quality copper alloy.

# Information on how to change over from Pg to metric threads \*\*Tevos\*\*

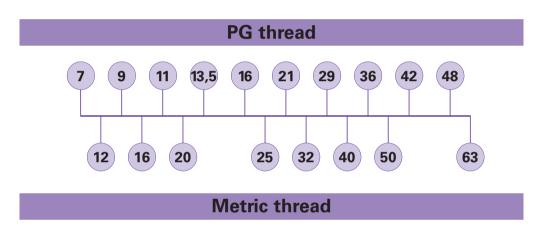
# Pg threads are available on request!

# 1. Basic legal conditions

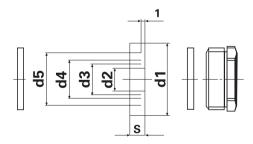
The European standard EN 50 262 "Metric Cable Glands for Electrical Installation" was ratified on April 01, 1989 by CENELEC (European Committee for Electrotechnical Standardization) and put into force.

The big difference in the new EN standard is it has the character of a safety standard. As a building standard it only defines the metric thread and its lead.

# 2. Comparison of the Pg/metric cable gland sizes



# 3. Connection ranges for 7x.xxx.xxxx.0 housing type



Please see the following table for the connection ranges of cable glands without strain relief:

| Metric<br>thread | d1   | d2  | Connection range in mm | d3   | Connection range in mm | d4   | Connection range in mm | d5   | Connection range in mm |
|------------------|------|-----|------------------------|------|------------------------|------|------------------------|------|------------------------|
| M 16             | 13.8 | 3   | 2 – 4.5                | 6    | 5 – 7.5                | 9    | 8 – 10.5               |      |                        |
| M 20             | 17.6 | 4   | 3 – 5.5                | 7    | 6 - 8.5                | 10   | 9 – 11.5               | 13   | 12 - 14.5              |
| M 25             | 22.6 | 8.5 | 7.5 – 10               | 11.5 | 10.5 – 13              | 14.5 | 13.5 – 16              | 17.5 | 16.5 – 19              |
| M 32             | 29.6 | 16  | 15 – 17.5              | 19   | 18 – 20.5              | 22   | 21 – 23.5              | 25   | 24 – 26.5              |

# revos



# **Housing series**



# **Housings for the BASIC series**

Hoods Single locking lever











Hoods Double locking lever





GB 16XL, 24XL with extra large wiring space

Bases Single locking lever

Coupling housings

Single locking lever







Motor connector housing

Bases Double locking lever





Coupling housings Double locking lever



# Sizes (GB):

- GB 6, 10, 16, 24, 48
- GB 6H, 10H, 16H, 24H

# Sizes (GB):

- GB 6, 10, 16, 24, 32
- GB 10H, 16H, 24H, 16XL, 24XL

 $\mathsf{H} \triangleq \mathsf{increased}$  hight design;  $\mathsf{XL} \triangleq \mathsf{extra}$  large wiring space. All bases are also available with a protective cover. For an assignment of the contact inserts to the housing sizes see page 1036 and 1037 as well as the product matrix on page 1040.

# **Housing series**

# revos

# **Housings for the HD series**

Hoods Single locking lever





Hoods Double locking lever





Bases Single locking lever





Bases
Double locking lever







Coupling housing Double locking lever



Sizes(GB):

• GB 10/15, 16/25

Size (GB):

• GB 32/50

All bases are also available with a protective cover.

For an assignment of the contact inserts to the housing sizes see page 1038 as well as the product matrix on page 1040.



# **Housing series**



# **Housings of the MINI series**

Hoods





# Housings of the 🕸 series

Hoods Double locking lever





Bases

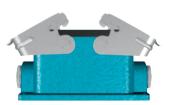






Bases Double locking lever





Coupling housings





Cover with gasket for male inserts



Cover without gasket for female inserts

# Coupling housings Double locking lever



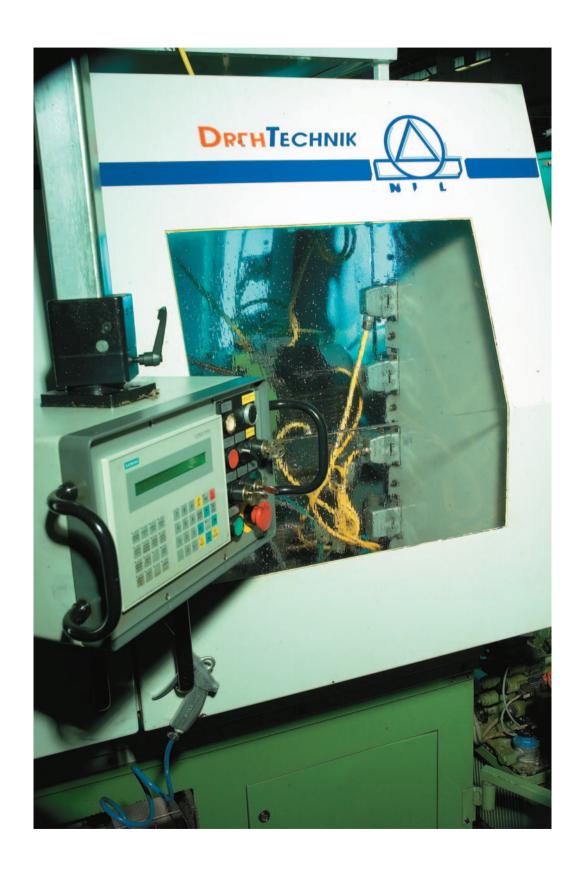
# Sizes(GB):

- GB 10Ex, 16Ex, 24Ex, double locking lever
- GB 6Ex, 48Ex, single locking lever

All bases are also available with a protective cover.

1034

# revos





# Contact inserts for the housings of the *revos* BASIC series

| GB         | BASIC         | BASIC   | BASIC                            | BASIC                            |
|------------|---------------|---|----------------------------------|----------------------------------|
|            | 500 V<br>16 A | 690/400 V<br>16 A   | 690 V<br>16 A                    | 830 V<br>16 A                    |
| 6/<br>6H   | 6 + PE        |   | 4/2 switching contacts + ground  |                                  |
| 10/<br>10H | 10 + PE       | 3/2 switching contacts + ground                                   | 8/2 switching contacts + ground  | 3/2 switching contacts + ground  |
| 16/<br>16H | 16 + PE       | 6/2 switching contacts + ground                                   | 14/2 switching contacts + ground | 6/2 switching contacts + ground  |
| 24/<br>24H | 24 + PE       | 10/2 switching contacts + ground                                  | 22/2 switching contacts + ground | 10/2 switching contacts + ground |
| 32         | 32 + PE       | 20/4 switching contacts + ground                                  | 28/4 switching contacts + ground |                                  |
| 48         | 48 + PE       | 26/4 switching contacts + ground 32/4 switching contacts + ground | 44/4 switching contacts + ground | 20/4 switching contacts + ground |

1036



| EE<br>500 V<br>16 A                      | HD<br>250 V<br>10 A | POWER<br>230-690 V<br>16-100 A           | FLEX<br>100-1000 V<br>4-82 A | GB           |
|--|---------------------|--|------------------------------|--------------|
| 10 + PE                                  |                     |  | 2 modules                    | 6/<br>6H     |
| 18 + PE                                  |                     |  | 3 modules                    | 10/<br>10H   |
| 32 + PE                                  | 40 + PE             | 6/6 + PE 4/6 + PE 6 + PE 4/2 + PE 4 + PE | 5 modules                    | 16/<br>16H   |
| 46 + PE                                  | 40 + FE             | 3/3/6 + PE                               | 7 modules                    | 24/<br>24H   |
|  | 80 + PE             |  |                              | 32           |
|  |                     |  |                              | 48           |
| Subject to change without further notice |                     |  | 😽 wielan                     | <b>1</b> 037 |



# Contact inserts for *revos* HD housings

# Contact inserts for *revos* (Ex) housings

| for <i>revos</i> HD housings |                           |                           | for <i>revos</i> 🖾 housings |                     |  |  |
|------------------------------|---------------------------|---------------------------|-----------------------------|---------------------|--|--|
| GB                           | HD 10/16<br>250 V<br>16 A | HD 15/25<br>250 V<br>10 A | GB                          | €x><br>90 V<br>16 A |  |  |
| 10/15                        | 10 + ground               | 15 + ground               | 6Ex                         | 6 + ground          |  |  |
| 16/25                        | 16 + ground               | 25 + ground               | 10Ex                        | 10 + ground         |  |  |
| 32/50                        | 32 + ground               | 25 + ground               | 16Ex                        | 16 + ground         |  |  |
|                              |                           |                           | 24Ex                        | 24 + ground         |  |  |
|                              |                           |                           | 48Ex                        |                     |  |  |

48 + ground

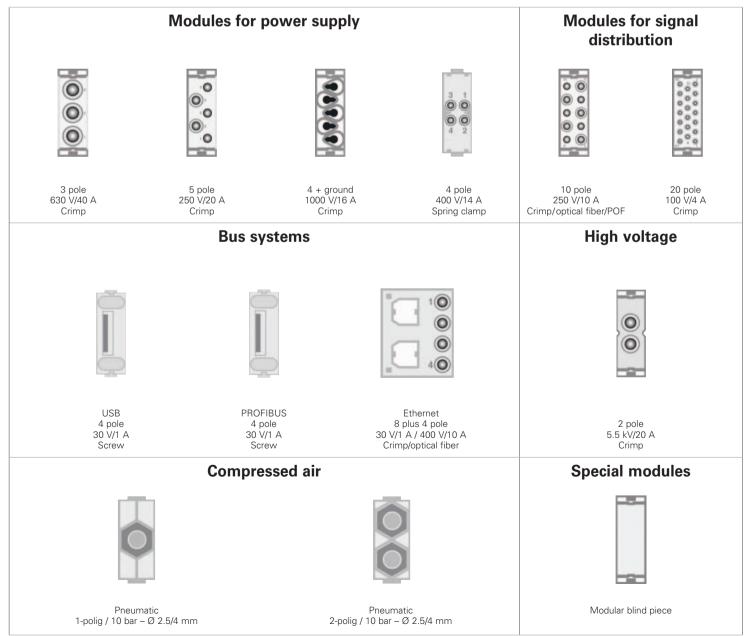


# Contact inserts for *revos* MINI housings

# revos special designs

| GB | 3 + ground       | 4 + ground | 7 + ground                            | 8                                      | revos mot<br>10 + ground |
|----|------------------|------------|---------------------------------------|--|--------------------------|
| 3  |                  |            | O O O O O O O O O O O O O O O O O O O | 80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 0000                     |
|    | 250 – 400 V/10 A | 400 V/10 A | 50-250 V/10 A                         | 50 V/10 A                              | 690 V/16 A               |

# revos FLEX modular inserts



# **Product matrix**



The **revos** product matrix provides an overview of the available families of contact inserts and their matching housing series. Horizontally you can find the contact inserts sorted per family and with indications for rated voltage, rated current and connection technology. Vertically the housing series and their variations in size are shown. Matching combinations are found in the matrix.

The restrictions of the **revos** FLEX and **revos** HD contact inserts are caused by their depth and cable density inside the housing when fully equipped with contact inserts. In case of any questions regarding these combinations, our connector hotline (+49 951/93 24-9 97) will be happy to assist you.

#### Contact inserts

## Wiring technique

S = screw

F = spring clamp

C = crimp

L = optical fiber

|  |                     |                  |             |                | L = optical liber       |  |
|--|---------------------|------------------|-------------|----------------|-------------------------|--|
| Housing series   | Material            | Variation        | Size (GB)   | Locking levers | Catalog page            |  |
| BASIC  | Aluminum die cast   | 500 V            | 6           | Single         | 1158–1165               |  |
| and the same of th |                     |                  | 10          | Single         | 1170–1177               |  |
|  |                     |                  |             | Double         | 1178–1181, 1184–1185    |  |
|  |                     |                  | 16          | Single         | 1198–1199, 1202–1203    |  |
|  |                     |                  |             | Double         | 1208-1211, 1214-1215    |  |
|  |                     |                  | 24          | Single         | 1230-1231, 1234-1235    |  |
|  |                     |                  |             | Double         | 1240-1243, 1246-1247    |  |
|  |                     |                  | 32          | Double         | 1262-1263               |  |
|  |                     |                  | 48          | Single         | 1264–1265               |  |
|  |                     | 690 V            | 6           | Single         | 1166–1169               |  |
|  |                     |                  | 10          | Single         | 1188–1191               |  |
|  |                     |                  |             | Double         | 1192–1197               |  |
|  |                     |                  | 16          | Single         | 1220-1223               |  |
|  |                     |                  |             | Double         | 1224–1229               |  |
|  |                     |                  | 24          | Single         | 1252–1255               |  |
|  |                     |                  |             | Double         | 1256–1261               |  |
|  |                     |                  | 48          | Single         | 1264–1265               |  |
|  |                     | 500 V            | 6H          | Single         | 1160, 1164–1165         |  |
|  |                     | Increased height | 10H         | Single         | 1172, 1176–1177         |  |
|  |                     | design           | 1011        | Double         | 1182, 1186–1187         |  |
|  |                     | acc.g.           | 16H         | Single         | 1200–1201, 1204–1207    |  |
|  |                     |                  | 1011        | Double         | 1212–1213, 1216–1219    |  |
|  |                     |                  | 24H         | Single         | 1232–1233, 1236–1239    |  |
|  |                     |                  | 2711        | Double         | 1244–1245, 1248–1251    |  |
|  |                     | 690 V – large    | 16XL        | Double         | 1209                    |  |
|  |                     | wiring space     | 24XL        | Double         | 1241                    |  |
|  |                     | EMC housing      | 6/6H        | Single         | 1266, 1268              |  |
|  |                     | EIVIC Housing    | 10/10H      | Double         | 1266, 1268              |  |
|  |                     |                  | 16/16H      | Double         | 1267, 1269              |  |
|  |                     |                  | 24/24H      | Double         | · ·                     |  |
| HD 🗪   | Aluminum die cast   |                  | 10/15       | Single         | 1267, 1269<br>1270–1273 |  |
| nu 🔐   | Aluminum die cast   | 050.1/           |             | -              |                         |  |
|  |                     | 250 V            | 16/25       | Single         | 1274–1277               |  |
| BAINII -   | Deliment            |                  | 32/50       | Single         | 1278–1283               |  |
| MINI   | Polyamide           | DI .:            | 3           | Single         | 1154–1156               |  |
|  | Die cast zinc alloy | Plastic          | 3           | Single         | 1154–1156               |  |
| (Ex)   | Die cast zinc alloy | Metal            | 6 🗟         | Double         | 1284–1287               |  |
|  |                     | Metal            | 10 🗟        | Double         | 1288–1291               |  |
|  |                     |                  | 16 🖾        | Double         | 1292–1295               |  |
| _  |                     |                  | 24 🖾        | Double         | 1296–1299               |  |
|  |                     |                  | 48 ₪        | Single         | 1300–1301               |  |
| мот  | Polyamide           |                  | 10 + ground | Push-Pull      | 1150–1151               |  |

• = usable subject to restrictions

• = usable without any restrictions

# **Product matrix**



|  |                    | Alle a   | -00            | 1           |                  |                    | Silver Mi             | Tomas de la constante de la co |                  | 2 3              | 43          | -            |
|--|--------------------|--|----------------|-------------|------------------|--------------------|-----------------------|--|------------------|------------------|-------------|--------------|
| Marie Commission of the Commis | BELEEN             | Name of the last o |                |             |                  |                    | SAME IN               |  |                  |                  | -           | Will 1       |
| BASIC<br>500 V   | BASIC<br>690/400 V | BASIC<br>690 V   | BASIC<br>830 V | EE<br>500 V | HD40/64<br>250 V | POWER<br>230-690 V | FLEX<br>100-1000 V    | HD10/16<br>250 V   | HD15/25<br>250 V | MINI<br>50-400 V | €x><br>90 V | MOT<br>690 V |
| 16 A   | 16 A               | 16 A   | 16 A           | 16 A        | 10 A             | 16-100 A           | 4–82 A                | 16 A   | 10 A             | 10 A             | 16 A        | 16 A         |
|  |                    |  |                |             |                  |                    |                       |  |                  |                  |             |              |
|  |                    |  |                |             |                  |                    | _                     |  |                  |                  |             |              |
| S<br>F   | S                  | S  | F              | С           | С                | S                  | F<br>C                | S  | С                | S                | S           | С            |
| С  |                    |  |                |             |                  |                    | L                     |  |                  |                  |             |              |
|  |                    |  |                |             |                  |                    |                       |  |                  |                  |             |              |
| 1046–1069  | 1070–1081          | 1082–1097  | 1098–1099      | 1060–1061   | 1103–1106        | 1108–1113          | 1140–1149<br><b>o</b> | 1100–1101  | 1102             | 1044–1045        | 1136–1138   | 1151         |
|  |                    |  |                |             |                  |                    | 0                     |  |                  |                  |             |              |
| •  |                    |  |                | •           |                  |                    | 0                     |  |                  |                  |             |              |
| •  |                    |  |                | •           | 0                |                    | 0                     |  |                  |                  |             |              |
| •  |                    |  |                | •           | 0                |                    | 0                     |  |                  |                  |             |              |
| •  |                    |  |                | •           | 0                |                    | 0                     |  |                  |                  |             |              |
| •  |                    |  |                | •           | 0                |                    | 0                     |  |                  |                  |             |              |
| •  |                    |  |                | •           |                  | •                  | •                     |  |                  |                  |             |              |
| •  |                    |  |                | •           |                  | •                  | •                     |  |                  |                  |             |              |
| •  | •                  | •  | •              | •           |                  |                    | 0                     |  |                  |                  |             |              |
| •  | •                  | •  | •              | •           |                  |                    | 0                     |  |                  |                  |             |              |
| •  | •                  | •  | •              | •           |                  |                    | 0                     |  |                  |                  |             |              |
|  | •                  | •  |                |             |                  | •                  | 0                     |  |                  |                  |             |              |
|  | •                  |  |                |             |                  |                    | 0                     |  |                  |                  |             |              |
|  | •                  |  |                |             |                  |                    | 0                     |  |                  |                  |             |              |
|  |                    |  |                |             |                  |                    | •                     |  |                  |                  |             |              |
| •  |                    |  |                | •           |                  |                    | •                     |  |                  |                  |             |              |
|  |                    |  |                | •           |                  |                    | •                     |  |                  |                  |             |              |
| •  |                    |  |                | •           |                  |                    | •                     |  |                  |                  |             |              |
| •  |                    |  |                | •           | •                | •                  | •                     |  |                  |                  |             |              |
| •  |                    |  |                | •           | •                | •                  | •                     |  |                  |                  |             |              |
| •  |                    |  |                | •           | •                | •                  | •                     |  |                  |                  |             |              |
| •  |                    |  |                | •           | •                | •                  | •                     |  |                  |                  |             |              |
| •  | •                  | •  | •              | •           | •                | •                  | •                     |  |                  |                  |             |              |
| •  | •                  | •  | •              | •           | •                | •                  | •                     |  |                  |                  |             |              |
| •  |                    |  |                | •           |                  |                    | •                     |  |                  |                  |             |              |
| •  |                    |  |                | •           |                  |                    | •                     |  |                  |                  |             |              |
|  |                    |  |                | •           | •                | •                  | •                     |  |                  |                  |             |              |
|  |                    |  |                | ,           | •                | ,                  |                       | •  | •                |                  |             |              |
|  |                    |  |                |             |                  |                    |                       |  | •                |                  |             |              |
|  |                    |  |                |             |                  |                    |                       |  | •                |                  |             |              |
|  |                    |  |                |             |                  |                    |                       |  |                  | •                |             |              |
|  |                    |  |                |             |                  |                    |                       |  |                  | •                |             |              |
|  |                    |  |                |             |                  |                    |                       |  |                  |                  | •           |              |
|  |                    |  |                |             |                  |                    |                       |  |                  |                  | •           |              |
|  |                    |  |                |             |                  |                    |                       |  |                  |                  | •           |              |
|  |                    |  |                |             |                  |                    |                       |  |                  |                  | •           |              |
|  |                    |  |                |             |                  |                    |                       |  |                  |                  | •           |              |
|  |                    |  |                |             |                  |                    |                       |  |                  |                  |             | •            |

















3 pole + ground Approvals: **%** 

4 pole + ground Approvals: **%1** 

|                                     | Approvais: <b>Au @ (69</b> )        |                    | Approvais: 710       | •                                  |  |  |
|-------------------------------------|-------------------------------------|--------------------|----------------------|------------------------------------|--|--|
| Description                         | Туре                                | Part No. Std. Pack | Туре                 | Part No. Std. Pack                 |  |  |
| Contact inserts for revos MINI      |                                     |                    |                      |                                    |  |  |
| Male insert                         | MIN STS 3 2,5 40                    | 73.310.0353.0 10   | MIN STS 4 2,5 25     |                                    |  |  |
| Female insert                       | MIN BUS 3 2,5 40                    | 73.300.0353.0 10   | MIN BUS 4 2,5 25     | AG 73.300.0453.0 10                |  |  |
|                                     |                                     |                    |                      |                                    |  |  |
| Derating curves                     | See page 1346                       |                    | See page 1346        |                                    |  |  |
| Technical data                      |                                     |                    |                      |                                    |  |  |
| Rated voltage                       |                                     |                    |                      |                                    |  |  |
| Installed in a plastic housing      |                                     | 0 V                |                      | 400 V                              |  |  |
| Installed in a metal housing        |                                     | //L - L 400 V      |                      | 400 V                              |  |  |
| Rated voltage according to UL/CSA   | 60                                  | 0 V                |                      | 600 V                              |  |  |
| Rated impulse voltage               |                                     |                    |                      |                                    |  |  |
| Plastic housing                     |                                     | kV                 |                      | 4 kV                               |  |  |
| Metal housing                       |                                     | kV                 |                      | 4 kV                               |  |  |
| Rated current                       |                                     | ) A                |                      | 10 A                               |  |  |
| Degree of pollution                 |                                     | 3                  |                      | 3                                  |  |  |
| Rated cross section                 |                                     | - ^                |                      |                                    |  |  |
| EN 60999                            |                                     | .5 mm <sup>2</sup> |                      | 0.5 – 2.5 mm <sup>2</sup>          |  |  |
| UL                                  |                                     | AWG                |                      | 22-12 AWG                          |  |  |
| CSA                                 | 22-12                               | AWG                |                      | 22-12 AWG                          |  |  |
| Contacts                            |                                     |                    |                      | 0 "                                |  |  |
| Material                            |                                     | er alloy           |                      | Copper alloy                       |  |  |
| Surface                             |                                     | Sin                |                      | Ag                                 |  |  |
| Insulation strip length             |                                     | mm                 |                      | 4 mm                               |  |  |
| Contact resistance                  |                                     | mΩ                 |                      | ≤ 1.5 mΩ                           |  |  |
| Mating cycles                       | 5                                   | 50                 |                      | 200                                |  |  |
| Screws head design / recomm. torque | 140.40.5                            | 0.7.11             |                      | N40 (0.5 0.7 N                     |  |  |
| Mounting screws                     | ·                                   | - 0.7 Nm           |                      | M3/0.5 – 0.7 Nm                    |  |  |
| Clamping screws                     |                                     | - 0.7 Nm           |                      | M3/0.5 – 0.7 Nm<br>M3/0.5 – 0.7 Nm |  |  |
| Ground conductor screws             |                                     | - 0.7 Nm           |                      | M3/0.5 – 0.7 Nm<br>-40 – +120 °C   |  |  |
| Temperature range Dimensions        | -40 - 4                             | -120 °C            |                      | -40 - +120 °C                      |  |  |
|                                     | <b>1</b>                            | 26 27              | <b>i</b>             | 21                                 |  |  |
|                                     | Housings for <b>revos</b> MINI on p | 2008 1154-1156     | Housings for marge   | MINI on pages 1154–1156            |  |  |
|                                     | L Froderings for FEVOS WIIN ON P    | ugos 1104-1100     | I loudings for revos | wiiwi on payes 1134-1130           |  |  |













7 pole + ground Approvals: **%** 

| 8 pole     | - 6           |
|------------|---------------|
| Approvals: | <b>AL (1)</b> |

| Approvais: 71 @ (8)                  |   | Approvals: 71 00 (8)   | 9  |  |
|--------------------------------------|---|--|--|--|
| Туре                                 | Part No. Std. Pack  | Туре   | Part No. Std. Pac  |  |
|                                      |   |  |  |  |
| MIN STC 7 25                         | 73.710.0753.0 10  | MIN STC 8 05   | 73.710.0853.0 10   |  |
| MIN BUC 7 25                         | 73.700.0753.0 10  | MIN BUC 8 05   | 73.700.0853.0 10   |  |
| mm² / AWG                            |   | mm <sup>2</sup> / AWG  |  |  |
| 0.2 - 0.56 / 24-20                   | 02.124.0900.0 5000  | 0.2 - 0.56 / 24-20   | 02.124.0900.0 5000   |  |
| 0.75 – 1.5 / 18-16                   | 02.124.1000.0 5000  | 0.75 – 1.5 / 18-16   | 02.124.1000.0 5000   |  |
| 0.2 - 0.56 / 24-20                   | 05.544.0900.0 5000  | 0.2 - 0.56 / 24-20   | 05.544.0900.0 5000   |  |
|                                      |   |  | 05.544.1000.0 5000   |  |
|                                      |   |  | 02.124.0929.0 200  |  |
|                                      |   |  | 02.124.1029.0 200  |  |
|                                      |   |  | 05.544.0929.0 200  |  |
|                                      |   |  | 05.544.1029.0 200  |  |
|                                      |   |  |  |  |
|                                      |   |  | 02.124.1400.0 5000   |  |
|                                      |   |  | 05.544.1400.0 5000   |  |
|                                      |   |  | 02.124.1429.0 200  |  |
| 0.5 – 1.5 / 20-16                    | 05.544.1429.0 200   | 0.5 – 1.5 / 20-16  | 05.544.1429.0 200  |  |
| See page 13/6                        |   | See page 1346  |  |  |
| oce page 1040                        |   | 056 page 1040  |  |  |
|                                      |   |  |  |  |
|                                      | 250.1/  |  | EO \/  |  |
|                                      |   |  | 50 V   |  |
|                                      | 5U V  |  | 50 V   |  |
|                                      |   |  |  |  |
|                                      |   |  |  |  |
|                                      | 4 kV  | 0.8 kV   |  |  |
|                                      | 0.8 kV  | 0.8 kV   |  |  |
|                                      | 10 A  | 10 A   |  |  |
|                                      | 3   | 3  |  |  |
|                                      |   |  |  |  |
| 0.                                   | 2 – 1.5 mm <sup>2</sup>   | 0  | .2 – 1.5 mm <sup>2</sup>   |  |
|                                      |   |  | 18-16 AWG  |  |
|                                      |   | 24-16 AWG  |  |  |
|                                      |   |  | 2.107.010  |  |
|                                      | Coppor alloy  |  | Copper alloy   |  |
|                                      |   | Au or Sn   |  |  |
|                                      |   |  |  |  |
|                                      |   | 4 mm   |  |  |
| _                                    |   | ≤ 4 mΩ   |  |  |
| Sr                                   | 1 50 / Au 500   | Sn 50 / Au 500   |  |  |
|                                      |   |  |  |  |
| M3                                   | /0.5 – 0.7 Nm   | M3   | 3/0.5 – 0.7 Nm   |  |
|                                      | _   |  | _  |  |
|                                      | -   |  | _  |  |
| -4                                   | 0 - +120 °C   | -2   | 40 - +120 °C   |  |
|                                      |   |  |  |  |
| 21                                   |   | 21   |  |  |
| 1 1                                  |   |  |  |  |
|                                      |   |  |  |  |
| ▎▗▗▐▃▋▐                              |   |  |  |  |
|                                      | <b>—</b> >  |  |  |  |
|                                      |   |  |  |  |
| 21                                   |   | £ 21   | [40 03]<br>50 10 20<br>60 70 90  |  |
| 21                                   |   | 21   | [20] (20) (20) (20) (20) (20) (20) (20) (20)                               |  |
|                                      |   | 21   | 111.0.0.0.11   |  |
|                                      |   |  | 111.0.0.0.11   |  |
| Y                                    |   | 21   | 111.0.0.0.11   |  |
| Y                                    |   | Ž  |  |  |
| Type                                 | Part No. Std. Pack  | Type   | Part No. Std. Pac  |  |
| Y Type                               | Part No. Std. Pack 95.101.0800.0 1  | Type   |  |  |
| Type                                 |   | Type   | Part No. Std. Pac  |  |
| Y Type                               | 95.101.0800.0 1   | Type   | Part No. Std. Pac 95.101.0800.0  |  |
| Type                                 | 95.101.0800.0 1<br>05.502.2400.0 1<br>05.502.3200.0 1   | Type   | Part No. Std. Pac<br>95.101.0800.0<br>05.502.2400.0<br>05.502.3200.0       |  |
| Type                                 | 95.101.0800.0 1<br>05.502.2400.0 1<br>05.502.3200.0 1   | Type   | Part No. Std. Pac<br>95.101.0800.0<br>05.502.2400.0<br>05.502.3200.0       |  |
| Type  Housings for <b>revos</b> MINI | 95.101.0800.0 1<br>05.502.2400.0 1<br>05.502.3200.0 1<br>05.502.0000.0 1  | Type  Housings for <b>revos</b> MIN  | Part No. Std. Pac. 95.101.0800.0 05.502.2400.0 05.502.3200.0 05.502.0000.0 |  |
|                                      | Type  MIN STC 7 25  MIN BUC 7 25  mm² /AWG  0.2 - 0.56 / 24-20  0.75 - 1.5 / 18-16  0.2 - 0.56 / 24-20  0.75 - 1.5 / 18-16  0.2 - 0.56 / 24-20  0.75 - 1.5 / 18-16  0.2 - 0.56 / 24-20  0.75 - 1.5 / 18-16  0.5 - 1.5 / 20-16  0.5 - 1.5 / 20-16  0.5 - 1.5 / 20-16  See page 1346   O.  M3 | MIN STC 7 25 73.710.0753.0 10  MIN BUC 7 25 73.700.0753.0 10  mm² /AWG  0.2 - 0.56 / 24-20 02.124.0900.0 5000  0.75 - 1.5 / 18-16 02.124.1000.0 5000  0.2 - 0.56 / 24-20 05.544.0900.0 5000  0.75 - 1.5 / 18-16 05.544.1000.0 5000  0.2 - 0.56 / 24-20 02.124.0929.0 200  0.75 - 1.5 / 18-16 02.124.1029.0 200  0.75 - 1.5 / 18-16 02.124.1029.0 200  0.2 - 0.56 / 24-20 05.544.0929.0 200  0.5 - 1.5 / 18-16 05.544.1029.0 200  0.5 - 1.5 / 20-16 05.544.1400.0 5000  0.5 - 1.5 / 20-16 05.544.1400.0 5000  0.5 - 1.5 / 20-16 05.544.1429.0 200  0.5 - 1.5 / 20-16 05.544.1429.0 200  See page 1346   250 V  50 V  50 V  Copper alloy  Au or Sn  4 mm  ≤ 4 mΩ  Sn 50 / Au 500  M3/0.5 - 0.7 Nm  - | Type   |  |

# 500 V contact inserts, screw connection







## 6 pole + ground Size 6



# 10 pole + ground

Size 10

|  | Approvals: 📤 VDE-PB 🕦 🐠  |               | Approvals:      | 📤 VDE-PB 🕄   | \            |           |
|--|--------------------------|---------------|-----------------|--------------|--------------|-----------|
| Description  |                          | No. Std. Pack | Type            |              | Part No.     | Std. Pack |
| Contact inserts for revos BASIC 500 V  | **                       |               |                 |              |              |           |
| Male insert with wire protection   | BAS STS 6 2,5 50 70.3    | 310.0640.0 10 | BAS STS         | 10 2,5 50    | 70.310.1040. | 0 10      |
| Female insert with wire protection   | BAS BUS 6 2,5 50 70.3    | 300.0640.0 10 | BAS BUS         | 10 2,5 50    | 70.300.1040. | 0 10      |
| Male insert without wire protection*   | BAS STS OD 6 2,5 50 70.3 | 312.0640.0 10 | BAS STS OD      | 10 2,5 50    | 70.312.1040. | 0 10      |
| Female insert without wire protection*   | BAS BUS OD 6 2,5 50 70.3 | 302.0640.0 10 | BAS BUS OF      | 0 10 2,5 50  | 70.302.1040. | 0 10      |
| Male insert with wire protection, Au   | BAS STS 6 2,5 50 AU 70.3 | 311.0640.0 10 | BAS STS         | 10 2,5 50 AU | 70.311.1040. | 0 10      |
| Female insert with wire protection, Au   | BAS BUS 6 2,5 50 AU 70.3 | 301.0640.0 10 | BAS BUS         | 10 2,5 50 AU | 70.301.1040. | 0 10      |
|  |                          |               |                 |              |              |           |
| Derating curves  | See page 1343            |               | See page 13     | 43           |              |           |
| Technical data   |                          |               |                 |              |              |           |
| Rated voltage  | 500 V                    |               |                 | 500          |              |           |
| Rated voltage according to UL/CSA  | 600 V                    |               |                 | 600          |              |           |
| Rated impulse voltage  | 6 kV                     |               |                 | 61           |              |           |
| Rated current  | 16 A                     |               |                 | 16           | A            |           |
| Degree of pollution  |                          |               |                 |              |              |           |
| Rated cross section  | 3                        |               |                 | 3            |              |           |
| EN 60999   | 0.5 – 2.5 mm             |               |                 | 0.5 – 2.     |              |           |
| UL   | 20-12 AWG                |               |                 | 20-12        | AWG          |           |
| CSA  | 20-12 AWG                |               |                 | 20-12        | AWG          |           |
| Contacts   |                          |               |                 |              |              |           |
| Material   | Copper alloy             | 1             |                 | Coppe        | r alloy      |           |
| Surface  | Sn, alternatively        | / Au          |                 | Sn, alterna  | atively Au   |           |
| Insulation strip length  | 7 mm                     |               | 7 mm            |              |              |           |
| Contact resistance   | ≤ 1.5 mΩ                 |               | ≤ 1.5 mΩ        |              |              |           |
| Mating cycles  | Sn 200/Au 50             | 00            | Sn 200/Au 500   |              |              |           |
| Screws head design / recomm. torque  | 0.1. 200 / 7.1.0 0.      |               |                 | 3.1.2007     | , ta 000     |           |
| Mounting screws  | H1/0.5 – 0.7 N           | lm            |                 | H1/0.5 –     | 0.7 Nm       |           |
| Clamping screws  | H1/0.5 – 0.7 N           |               | H1/0.5 – 0.7 Nm |              |              |           |
| Ground conductor screws  | H2/1.2 – 1.6 N           |               | H2/1.2 – 1.6 Nm |              |              |           |
| Temperature range  | -40 - +120 °             |               | -40 - +120 °C   |              |              |           |
| Dimensions   | -40 - +120               |               |                 | -40 - +      | 120 C        |           |
|  | <b>Y</b>                 | 27            | ad     ff       | 57           |              | 27        |
| * Preparation of the wire required: ferrrule, ultrasonic welding for flexible cables |                          |               |                 |              |              |           |

Housings for size 6 begin on page 1158

Housings for size 10 begin on page 1170

# 500 V contact inserts, screw connection





16 pole + ground

# 24 pole + ground



|   | 16 pole + ground<br>Size 16<br>Approvals:  VDE-PB  \$\frac{1}{2}\$ \$\frac{1}{2}\$ | 24 pole + ground<br>Size 24<br>Approvals: 📤 VDE-PB 💫 🏈 🏵 |  |  |  |  |
|---|--|--|--|--|--|--|
| Description   | Type Part No. Std. Pack  | Type Part No. Std. Pack                                  |  |  |  |  |
| Contact inserts for revos BASIC 500 V                                   |  |  |  |  |  |  |
| Male insert with wire protection  | BAS STS 16 2,5 50 70.310.1640.0 10   | BAS STS 16 2,5 50 70.310.1640.0 10                       |  |  |  |  |
| Female insert with wire protection                                      | BAS BUS 16 2,5 50 70.300.1640.0 10   | BAS BUS 16 2,5 50 70.300.1640.0 10                       |  |  |  |  |
| Male insert without wire protection*                                    | BAS STS OD 16 2,5 50 70.312.1640.0 10  | BAS STS OD 16 2,5 50 70.312.1640.0 10                    |  |  |  |  |
| Female insert without wire protection*                                  | BAS BUS OD 16 2,5 50 70.302.1640.0 10  | BAS BUS OD 16 2,5 50 70.302.1640.0 10                    |  |  |  |  |
| Male insert with wire protection, Au                                    | BAS STS 16 2,5 50 AU 70.311.1640.0 10  | BAS STS 16 2,5 50 AU 70.311.1640.0 10                    |  |  |  |  |
| Female insert with wire protection, Au                                  | BAS BUS 16 2,5 50 AU 70.301.1640.0 10  | BAS BUS 16 2,5 50 AU 70.301.1640.0 10                    |  |  |  |  |
| Derating curves   | See page 1343  | See page 1343  |  |  |  |  |
| Technical data  |  |  |  |  |  |  |
| Rated voltage   | 500 V  | 500 V  |  |  |  |  |
| Rated voltage according to UL/CSA                                       | 600 V  | 600 V  |  |  |  |  |
| Rated impulse voltage   | 6 kV   | 6 kV   |  |  |  |  |
| Rated current   | 16 A   | 16 A   |  |  |  |  |
| Degree of pollution   | 3  | 3  |  |  |  |  |
| Rated cross section   |  |  |  |  |  |  |
| EN 60999  | 0.5 – 2.5 mm <sup>2</sup>  | 0.5 – 2.5 mm <sup>2</sup>                                |  |  |  |  |
| UL  | 20-12 AWG  | 20-12 AWG  |  |  |  |  |
| CSA   | 20-12 AWG  | 20-12 AWG  |  |  |  |  |
| Contacts  | 20.210   |  |  |  |  |  |
| Material  | Copper alloy   | Copper alloy   |  |  |  |  |
| Surface   | Sn, alternatively Au   | Sn, alternatively Au                                     |  |  |  |  |
| Insulation strip length   | 7 mm   | 7 mm   |  |  |  |  |
| Contact resistance  | 7 11111 ≤ 1.5 mΩ   | 7.111111<br>≤ 1.5 mΩ                                     |  |  |  |  |
| Mating cycles   | Sn 200 / Au 500  | Sn 200 / Au 500  |  |  |  |  |
|   | 311 200 / Au 300   | 311 200 / Au 300   |  |  |  |  |
| •                                 | 111/0 F 0 7 Nos  | 111/0 E 0.7 Nee  |  |  |  |  |
| Mounting screws   | H1/0.5 – 0.7 Nm  | H1/0.5 – 0.7 Nm  |  |  |  |  |
| Clamping screws   | H1/0.5 – 0.7 Nm  | H1/0.5 – 0.7 Nm  |  |  |  |  |
| Ground conductor screws   | H2/1.2 – 1.6 Nm  | H2/1.2 – 1.6 Nm  |  |  |  |  |
| Temperature range<br>Dimensions   | -40 – +120 °C  | -40 - +120 °C  |  |  |  |  |
|   | 77,5   | 110<br>104<br>27   |  |  |  |  |
| * Preparation of the wire required:<br>ferrrule, ultrasonic welding for |  |  |  |  |  |  |

Housings for size 16 begin on page 1198

flexible cables

# 500 V contact inserts, screw connection



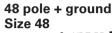




# 32 pole + ground Size 32

Approvals: 📤 VDE-PB 🔁 🏵





Approvals: 📤 VDE-PB 🔁 🚯



|  | Approvais:                              | ✓► VDE-PB                        | <b>™</b> @ ←        | (E)   |                       | Approvais:                              | ME-PB     | <b>M</b>              |  |  |
|--|---|----------------------------------|---------------------|---|-----------------------|---|-----------|-----------------------|--|--|
| Description                                      | Type                                    |                                  | Part No.            | Std.  | Pack                  | Type                                    | Part No.  | Std. Pack             |  |  |
| Contact inserts for revos BASIC 500 V            |   |                                  |                     |   |                       |   |           |                       |  |  |
| Male insert with wire protection, marked 1-16    | BAS STS                                 | 32 2,5 50                        | 70.310.32           | 53.0  | 5                     |   |           |                       |  |  |
| Male insert with wire protection, marked 17-32   |   |                                  |                     |   |                       |   |           |                       |  |  |
| Female insert with wire protection, marked 1-16  | BAS BUS                                 | 32 2,5 50                        | 70.300.32           | 53.0  | 5                     |   |           |                       |  |  |
| Female insert with wire protection, marked 17-32 |   |                                  |                     |   |                       |   |           |                       |  |  |
| Male insert with wire protection, marked 1-24    |   |                                  |                     |   |                       | BAS STS                                 | 32 2,5 50 | 70.310.3253.0         |  |  |
| Male insert with wire protection, marked 25-48   |   |                                  |                     |   |                       |   |           |                       |  |  |
| Female insert with wire protection, marked 1-24  |   |                                  |                     |   |                       | BAS BUS                                 | 32 2,5 50 | 70.300.3253.0         |  |  |
| Female insert with wire protection, marked 25-48 |   |                                  |                     |   |                       |   |           |                       |  |  |
| Derating curves                                  | See page 13                             | 43                               |                     |   |                       | See page 13                             | 343       |                       |  |  |
| Technical data                                   |   |                                  |                     |   |                       |   |           |                       |  |  |
| Rated voltage                                    |   | 5                                | 00 V                |   |                       |   | Į.        | 500 V                 |  |  |
| Rated voltage according to UL/CSA                |   | 6                                | 00 V                |   |                       |   | (         | 600 V                 |  |  |
| Rated impulse voltage                            |   | (                                | 6 kV                |   |                       |   |           | 6 kV                  |  |  |
| Rated current                                    |   |                                  | 16 A                |   |                       |   |           | 16 A                  |  |  |
| Degree of pollution                              |   |                                  | 3                   |   |                       |   |           | 3                     |  |  |
| Rated cross section                              |   |                                  |                     |   |                       |   |           |                       |  |  |
| N 60999  |   | 0.5 -                            | 2.5 mm <sup>2</sup> |   |                       |   | 0.5 -     | - 2.5 mm <sup>2</sup> |  |  |
| JL   |   |                                  | 2 AWG               |   |                       |   |           | 12 AWG                |  |  |
| SA   |   |                                  | 2 AWG               |   |                       |   |           | 12 AWG                |  |  |
| Contacts   |   | 201                              |                     |   |                       |   |           |                       |  |  |
| Material Services                                |   | Coni                             | per alloy           |   |                       |   | Con       | per alloy             |  |  |
| Gurface  |   |                                  | able on reque       | st  |                       |   |           | lable on request      |  |  |
| nsulation strip length                           |   |                                  | mm                  |   |                       |   | 7 mm      |                       |  |  |
| ontact resistance                                |   |                                  | .5 mΩ               |   |                       | ≤ 1.5 mΩ                                |           |                       |  |  |
| Mating cycles                                    |   |                                  | 0/Au 500            |   |                       |   |           | 00/Au 500             |  |  |
| brews head design / recomm. torque               | 7                                       | 311 20                           | 5,7 ta 500          |   |                       |   | 011 20    | ,                     |  |  |
| Mounting screws                                  | <u></u>                                 | H1/0 F                           | 5 – 0.7 Nm          |   |                       |   | H1/0      | 5 – 0.7 Nm            |  |  |
| Clamping screws                                  |   |                                  | 5 – 0.7 Nm          |   |                       |   |           | 5 – 0.7 Nm            |  |  |
| Ground conductor screws                          |   |                                  |                     |   |                       |   |           | H2/1.2 – 1.6 Nm       |  |  |
|  |   | H2/1.2 – 1.6 Nm<br>-40 – +120 °C |                     |   |                       |   |           |                       |  |  |
| Femperature range<br>Dimensions                  |   | -40 -                            | +120 °C             |   |                       | -40 – +120 °C                           |           |                       |  |  |
|  | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 16 22                            | 52                  | 1 16 0 3 3 15 0 2 15 1 13 0 0 12 0 0 11 0 0 1 1 1 1 1 1 1 1 1 1 1 | 6 6 7 7 6 5 4 4 2 1 1 | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 16 52     | 572                   |  |  |
|  | +                                       | ###                              | + -                 |   | +                     | +                                       |           |                       |  |  |
|  |   |                                  |                     |   |                       |   |           |                       |  |  |

Housings for size 32 begin on page 1262

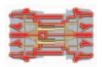
Housings for size 48 begin on page 1264

# revos / OS



# 500 V contact inserts, spring clamp connection











10 pole + ground Size 10 Approvals: AN

|   | Approvals       | : 📤 <b>71</b> (£ |                     |      |      | Approvals       | :: 📤 <b>?!!</b> |                     |                 |  |  |
|---|-----------------|------------------|---------------------|------|------|-----------------|-----------------|---------------------|-----------------|--|--|
| Description                                 | Type            |                  | Part No.            | Std. | Pack | Туре            |                 | Part No.            | Std. Pa         |  |  |
| Contact inserts for revos BASIC 500 V       |                 |                  |                     |      |      |                 |                 |                     |                 |  |  |
| Male insert                                 | BAS STF         | 6 2,5 50         | 70.510.06           | 53.0 | 10   | BAS STF         | 10 2,5 50       | 70.510.10           | 53.0            |  |  |
| Female insert                               | BAS BUF         | 6 2,5 50         | 70.500.06           | 53.0 | 10   | BAS BUF         | 10 2,5 50       | 70.500.10           | 53.0            |  |  |
|   |                 |                  |                     |      |      |                 |                 |                     |                 |  |  |
| Derating curves                             | See page 1      | 343              |                     |      |      | See page 1      | 343             |                     |                 |  |  |
| Technical data                              |                 |                  |                     |      |      |                 |                 |                     |                 |  |  |
| Rated voltage                               |                 |                  | 500 V               |      |      |                 |                 | 500 V               |                 |  |  |
| Rated voltage according to UL/CSA           |                 |                  | 600 V               |      |      |                 |                 | 600 V               |                 |  |  |
| Rated impulse voltage                       |                 |                  | 6 kV                |      |      |                 |                 | 6 kV                |                 |  |  |
| Rated current                               |                 |                  | 16 A                |      |      |                 |                 | 16 A                |                 |  |  |
| Degree of pollution                         |                 |                  | 3                   |      |      |                 |                 | 3                   |                 |  |  |
| Rated cross section                         |                 |                  |                     |      |      |                 |                 |                     |                 |  |  |
| EN 60999                                    |                 | 0.14             | – 2.5 mm²           |      |      |                 | 0.14            | – 2.5 mm²           |                 |  |  |
| UL  |                 | 26-              | 12 AWG              |      |      |                 | 26-             | 12 AWG              |                 |  |  |
| CSA   |                 |                  | 12 AWG              |      |      |                 |                 | 12 AWG              |                 |  |  |
| Contacts                                    |                 |                  |                     |      |      |                 |                 |                     |                 |  |  |
| Material                                    |                 | Cor              | oper alloy          |      |      |                 | Cor             | per alloy           |                 |  |  |
| Surface                                     |                 | 001              | Ag                  |      |      |                 | 001             | Ag                  |                 |  |  |
| Insulation strip length                     |                 |                  | <br>7 mm            |      |      |                 |                 | <br>7 mm            |                 |  |  |
| Contact resistance                          | -               |                  | 7 IIIIII<br>3 mΩ    |      |      |                 |                 |                     | 7 IIIIII ≤ 3 mΩ |  |  |
|   | -               | S                | 500                 |      |      | 500             |                 |                     |                 |  |  |
| Mating cycles                               |                 |                  | 500                 |      |      |                 |                 | 500                 |                 |  |  |
| Screws head design / recomm. torque         |                 | 111/0            | F 07N               |      |      |                 | 111/0           | 5 07N               |                 |  |  |
| Mounting screws                             |                 | H1/0.            | 5 – 0.7 Nm          |      |      | H1/0.5 – 0.7 Nm |                 |                     |                 |  |  |
| Clamping screws                             |                 |                  | _                   |      |      |                 |                 | _                   |                 |  |  |
| Ground conductor screws                     |                 |                  | 2 – 1.6 Nm          |      |      | H2/1.2 – 1.6 Nm |                 |                     |                 |  |  |
| Temperature range                           |                 | -40 -            | - +120 °C           |      |      |                 | -40 -           | - +120 °C           |                 |  |  |
| Dimensions                                  | -               | 50               | 34                  | -    |      | i               | 63              | 34                  | -               |  |  |
|   | - <b>I</b>      |                  | 778                 |      |      |                 |                 | 37, 13              |                 |  |  |
|   | -               | - 44 -           | 27 _                |      |      | -               | 57              | 27                  | <b>-</b>        |  |  |
|   | Y               |                  |                     |      |      | Y               |                 |                     |                 |  |  |
|   | -<br>-<br>-     |                  |                     |      |      |                 | _               |                     |                 |  |  |
|   |                 | †<br> -<br>  1   | <b>—</b>            |      |      |                 |                 |                     |                 |  |  |
|   | -               | + _              |                     |      |      |                 | 4 /1            |                     |                 |  |  |
| Accessories                                 | Type            | + _              | Part No.            | Std  | Pack | Type            | + +             | Part No.            | Std. Pa         |  |  |
| Accessories Screwdriver blade "A" 0.6 x 3.5 | Type DIN 5264 A | 4 0,6 × 3,5      | Part No. 06.502.400 |      | Pack | Type DIN 5264 A | 0,6 x 3,5       | Part No. 06.502.400 | Std. Pa         |  |  |

Housings for size 6 begin on page 1158

1050

Housings for size 10 begin on page 1170

# 500 V contact inserts, spring clamp connection









# 16 pole + ground Size 16

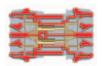
Approvals: 📤 🕦 🐠

24 pole + ground Size 24 Approvals: 📤 🔊 🚯

|  |   |           |                       |                   | ripprovais.       |               |                       |                    |  |  |
|--|---|-----------|-----------------------|-------------------|-------------------|---------------|-----------------------|--------------------|--|--|
| Description                                  | Туре                                    |           | Part No.              | Std. Pack         | Туре              |               | Part No.              | Std. Pack          |  |  |
| Contact inserts for <i>revos</i> BASIC 500 V |   |           |                       |                   |                   |               |                       |                    |  |  |
| Male insert                                  | BAS STF                                 | 16 2,5 50 | 70.510.1653           |                   | BAS STF           | 24 2,5 50     | 70.510.245            |                    |  |  |
| Female insert                                | BAS BUF                                 | 16 2,5 50 | 70.500.1653           | .0 10             | BAS BUF           | 24 2,5 50     | 70.500.245            | 3.0 10             |  |  |
| Derating curves                              | See page 13                             | 43        |                       |                   | See page 134      | 13            |                       |                    |  |  |
| Technical data                               | occ page 10                             | 10        |                       |                   | occ page 10       |               |                       |                    |  |  |
| Rated voltage                                |   | F         | 500 V                 |                   |                   | ŗ             | 500 V                 |                    |  |  |
| Rated voltage according to UL/CSA            |   |           | 600 V                 |                   |                   |               | 600 V                 |                    |  |  |
| Rated impulse voltage                        |   |           | 6 kV                  |                   |                   |               | 6 kV                  |                    |  |  |
| Rated current                                |   |           | 16 A                  |                   |                   |               | 16 A                  |                    |  |  |
| Degree of pollution                          |   |           | 3                     |                   |                   |               | 3                     |                    |  |  |
| Rated cross section                          |   |           | <u> </u>              |                   |                   |               | <u> </u>              |                    |  |  |
| EN 60999                                     |   | 0.14 -    | - 2.5 mm <sup>2</sup> |                   |                   | 0.14          | - 2.5 mm <sup>2</sup> |                    |  |  |
| UL   |   |           | 12 AWG                |                   |                   |               | 12 AWG                |                    |  |  |
| CSA  |   |           | 12 AWG                |                   |                   |               | 12 AWG                |                    |  |  |
| Contacts                                     |   | 20-       | IZ AVVG               |                   |                   | 20-           | IZ AVVG               |                    |  |  |
| Material                                     |   | Con       | per alloy             |                   |                   | Con           | per alloy             |                    |  |  |
| Surface                                      |   | СОР       | Ag                    |                   |                   | СОР           | Ag                    |                    |  |  |
| Insulation strip length                      |   |           | ' mm                  |                   |                   | <del>-</del>  | 7 mm                  |                    |  |  |
| Contact resistance                           |   |           | 3 mΩ                  |                   |                   |               | 3 mΩ                  |                    |  |  |
| Mating cycles                                |   |           | 500                   |                   | 500               |               |                       |                    |  |  |
| Screws head design / recomm. torque          |   |           |                       |                   |                   |               | 300                   |                    |  |  |
| Mounting screws                              |   | H1/0 F    | 5 – 0.7 Nm            |                   |                   | H1/0 !        | 5 – 0.7 Nm            |                    |  |  |
| Clamping screws                              |   | ,         | -                     |                   |                   | 111, 011      | _                     |                    |  |  |
| Ground conductor screws                      |   | H2/1:     | 2 – 1.6 Nm            |                   |                   | H2/1          | 2 – 1.6 Nm            |                    |  |  |
| Temperature range                            |   |           | +120 °C               |                   |                   |               | - +120 °C             |                    |  |  |
|  | <b>Y</b>                                | 777.5     |                       |                   |                   |               |                       |                    |  |  |
| Accessories Screwdriver blade "A" 0.6 x 3.5  | Type<br>DIN 5264 A                      | 0,6 x 3,5 | Part No. 06.502.4000  | Std. Pack<br>.0 5 | Type DIN 5264 A 0 | 1,6 × 3,5     | Part No. 06.502.4000  | Std. Pack<br>0.0 5 |  |  |
|  | Housings for size 16 begin on page 1198 |           |                       |                   | Housings for      | size 24 begin | on page 1230          |                    |  |  |

# 500 V contact inserts, spring clamp connection







32 pole + ground Size 32



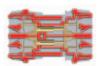
48 pole + ground Size 48

| Description                                      |               |                  |                       |      |      | Approvals     |           |                       |                                       |  |
|--|---------------|------------------|-----------------------|------|------|---------------|-----------|-----------------------|---------------------------------------|--|
| - 000. p. 011                                    | Type          |                  | Part No.              | Std. | Pack | Туре          |           | Part No.              | Std. Pac                              |  |
| Contact inserts for revos BASIC 500 V            |               |                  |                       |      |      |               |           |                       |                                       |  |
| Male insert, marked 1-16                         | BAS STF       | 32 2,5 50        | 70.510.325            | 53.0 | 5    |               |           |                       |                                       |  |
| Male insert, marked 17-32                        |               |                  |                       |      |      |               |           |                       |                                       |  |
| Female insert, marked 1-16                       | BAS BUF       | 32 2,5 50        | 70.500.325            | 53.0 | 5    |               |           |                       |                                       |  |
| Female insert, marked 17-32                      |               |                  |                       |      |      |               |           |                       |                                       |  |
| Male insert, marked 1-24                         |               |                  |                       |      |      | BAS STF       | 48 2,5 50 | 70.510.485            | 53.0                                  |  |
| Male insert, marked 25-48                        |               |                  |                       |      |      |               |           |                       |                                       |  |
| Female insert, marked 1-24                       |               |                  |                       |      |      | BAS BUF       | 48 2,5 50 | 70.500.485            | 53.0                                  |  |
| Female insert, marked 25-48                      |               |                  |                       |      |      |               |           |                       |                                       |  |
| Derating curves                                  | See page 1    | 3/13             |                       |      |      | See page 1    | 3/13      |                       |                                       |  |
| Technical data                                   | See page 1    | 040              |                       |      |      | See page 1    | 040       |                       |                                       |  |
| Rated voltage                                    |               |                  | 600 V                 |      |      |               |           | 500 V                 |                                       |  |
| Rated voltage  Rated voltage according to UL/CSA |               |                  | 600 V                 |      |      |               |           | 600 V                 |                                       |  |
| Rated impulse voltage                            |               |                  | 6 kV                  |      |      |               |           | 6 kV                  |                                       |  |
| Rated current                                    |               |                  | 16 A                  |      |      |               |           | 6 кv<br>16 A          |                                       |  |
| Degree of pollution                              |               |                  | 3                     |      |      |               |           | 3                     |                                       |  |
| Rated cross section                              |               |                  |                       |      |      |               |           | J                     |                                       |  |
| EN 60999   |               | 0.14 -           | - 2.5 mm <sup>2</sup> |      |      |               | 0.14      | - 2.5 mm <sup>2</sup> |                                       |  |
| UL   |               |                  | 2 AWG                 |      |      |               |           |                       | 6-12 AWG                              |  |
| CSA  |               | 26-12 AWG        |                       |      |      |               |           | 12 AWG                |                                       |  |
| Contacts   |               | 20 1             | ZAVIO                 |      |      |               | 20        | 12 AVVG               |                                       |  |
| Material   |               | Con              | ner allov             |      |      |               | Con       | per alloy             |                                       |  |
| Surface  |               | Copper alloy  Ag |                       |      |      |               | ООР       | Ag                    |                                       |  |
| Insulation strip length                          |               | 7 mm             |                       |      |      | 7 mm          |           |                       |                                       |  |
| Contact resistance                               |               | < 3 mΩ           |                       |      |      | ≤ 3 mΩ        |           |                       |                                       |  |
| Mating cycles                                    |               |                  | 500                   |      |      | 500           |           |                       |                                       |  |
| Screws head design / recomm. torqu               | ie.           |                  | -                     |      |      |               |           |                       |                                       |  |
| Mounting screws                                  |               | H1/0 5           | i – 0.7 Nm            |      |      |               | H1/0 F    | 5 – 0.7 Nm            |                                       |  |
| Clamping screws                                  |               | ,                | _                     |      |      |               | ,         | _                     |                                       |  |
| Ground conductor screws                          |               | H2/1.2           | ! – 1.6 Nm            |      |      |               | H2/1.2    | 2 – 1.6 Nm            |                                       |  |
| Temperature range                                |               |                  | +120 °C               |      |      | -40 - +120 °C |           |                       |                                       |  |
| Dimensions                                       |               |                  |                       |      |      |               |           |                       |                                       |  |
|  |               |                  |                       | +    |      |               |           |                       | • • • • • • • • • • • • • • • • • • • |  |
|  | Type          |                  | Part No.              | Std. | Pack | Туре          |           | Part No.              | Std. Pac                              |  |
| Accessories                                      | E DINI FOCA   |                  | 00 500 101            | 000  | _    | DINI FOC: A   | 0.0       | 00 500 101            | 20.0                                  |  |
| Accessories Screwdriver blade "A" 0.6 x 3        | .5 DIN 5264 A | √ 0,6 x 3,5      | 06.502.400            | 0.00 | 5    | DIN 5264 A    | 0,6 x 3,5 | 06.502.400            | 0.00                                  |  |

# revos

# 500 V contact inserts, double spring clamp connection







# 6 pole + ground Size 6H

Approvals: c**%**us



Approvals: c**%**us



|   | In the second             |                                       | 1.1.                 |                         |  |  |
|---|---------------------------|---------------------------------------|----------------------|-------------------------|--|--|
| Description                                 | Туре                      | Part No. Std. Pack                    | Туре                 | Part No. Std. Pack      |  |  |
| Contact inserts for revos BASIC 500 V       |                           |                                       |                      |                         |  |  |
| Male insert                                 | BAS STM 06 2,5 50 AG      | 70.512.0653.0 1                       | BAS STM 10 2,5 50 A  | G 70.512.1053.0 1       |  |  |
| Female insert                               | BAS BUM 06 2,5 50 AG      | 70.502.0653.0 1                       | BAS BUM 10 2,5 50 A  |                         |  |  |
|   |                           |                                       |                      |                         |  |  |
| Derating curves                             | See page 1343             |                                       | See page 1343        |                         |  |  |
| Technical data                              |                           |                                       |                      |                         |  |  |
| Rated voltage                               | 50                        | 0 V                                   |                      | 500 V                   |  |  |
| Rated voltage according to UL/CSA           | 60                        | 0 V                                   |                      | 600 V                   |  |  |
| Rated impulse voltage                       | 6                         | kV                                    |                      | 6 kV                    |  |  |
| Rated current                               |                           | 6 A                                   |                      | 16 A                    |  |  |
| Degree of pollution                         |                           | 3                                     |                      | 3                       |  |  |
| Rated cross section                         |                           |                                       |                      |                         |  |  |
| EN 60999                                    | 0.14 –                    | 2.5 mm <sup>2</sup>                   | 0.14                 | 1 – 2.5 mm <sup>2</sup> |  |  |
| UL  |                           | AWG                                   |                      | S-14 AWG                |  |  |
| CSA   |                           | AWG                                   |                      | 6-14 AWG                |  |  |
| Contacts                                    |                           |                                       |                      |                         |  |  |
| Material                                    | Copp                      | er alloy                              | Co                   | opper alloy             |  |  |
| Surface                                     |                           | Ag                                    |                      | Ag                      |  |  |
| Insulation strip length                     |                           | 1 mm                                  | 9                    | – 11 mm                 |  |  |
| Contact resistance                          |                           | mΩ                                    |                      | ≤ 3 mΩ                  |  |  |
| Mating cycles                               |                           | 00                                    |                      | 500                     |  |  |
| Screws head design / recomm. torque         |                           |                                       |                      |                         |  |  |
| Mounting screws                             | H1/0.5                    | - 0.7 Nm                              | H1/0                 | 0.5 – 0.7 Nm            |  |  |
| Clamping screws                             | 111/0.0                   | _                                     | 111/0                | _                       |  |  |
| Ground conductor screws                     | H2/1 2                    | – 1.6 Nm                              | H2/1.2 – 1.6 Nm      |                         |  |  |
| Temperature range                           |                           | +120 °C                               |                      | -40 - +120 °C           |  |  |
| Dimensions                                  | 10                        | 120 0                                 | 10                   | 1120 0                  |  |  |
|   | 51                        | 67                                    | 57                   | 75 67 67                |  |  |
|   |                           |                                       | Type                 | 1                       |  |  |
| Accessories Screwdriver blade "A" 0.6 x 3.5 | Type DIN 5264 A 0,6 x 3,5 | Part No. Std. Pack<br>06.502.4000.0 5 | DIN 5264 A 0,6 x 3,5 | 06.502.4000.0 5         |  |  |

1054

## 500 V contact inserts, double spring clamp connection

# revos



#### 16 pole + ground Size 16H

Approvals: c 👊 us



24 pole + ground Size 24H

Approvals: c 👊 us

|   | Approvals: c 🕦 us                            |           | Approvals: c <b>%</b> us    |                                    |  |
|---|--|-----------|-----------------------------|------------------------------------|--|
| Description   | Type Part No.                                | Std. Pack | Туре                        | Part No. Std. Pack                 |  |
| Contact inserts for revos BASIC 500 V               |  |           |                             |                                    |  |
| Male insert   | BAS STM 16 2,5 50 AG 70.512.16               | 53.0 1    | BAS STM 24 2,5 50 AG        | 70.512.2453.0 1                    |  |
| Female insert                                       | BAS BUM 16 2,5 50 AG 70.502.16               | 53.0 1    | BAS BUM 24 2,5 50 AG        | 70.502.2453.0 1                    |  |
|   |  |           |                             |                                    |  |
| Derating curves                                     | See page 1343                                |           | See page 1343               |                                    |  |
| Technical data                                      | ===./  |           | _                           |                                    |  |
| Rated voltage                                       | 500 V  |           |                             | 00 V                               |  |
| Rated voltage according to UL/CSA                   | 600 V  |           |                             | 00 V                               |  |
| Rated impulse voltage                               | 6 kV   |           |                             | S kV                               |  |
| Rated current                                       | 16 A   |           |                             | 6 A                                |  |
| Degree of pollution                                 | 3  |           |                             | 3                                  |  |
| Rated cross section                                 | 0.14 0.52                                    |           | 0.14                        | 0.5?                               |  |
| EN 60999  | 0.14 – 2.5 mm <sup>2</sup>                   |           |                             | 2.5 mm <sup>2</sup>                |  |
| UL<br>CSA   | 26-14 AWG                                    |           |                             | 4 AWG                              |  |
|   | 26-14 AWG                                    |           | 20-12                       | 4 AWG                              |  |
| Contacts  | 0  |           |                             | ar allau                           |  |
| Material Surface                                    | Copper alloy                                 |           |                             | per alloy                          |  |
|   | Ag<br>9 – 11 mm                              |           |                             | Ag                                 |  |
| Insulation strip length                             |  |           |                             | 11 mm                              |  |
| Contact resistance                                  | ≤ 3 mΩ<br>500                                |           |                             | 3 mΩ                               |  |
| Mating cycles                                       | 500  |           | 500                         |                                    |  |
| Screws head design / recomm. torque Mounting screws | H1/0.5 – 0.7 Nm                              |           | H1/0 E                      | – 0.7 Nm                           |  |
| Clamping screws                                     | H1/0.5 - 0.7 NIII                            |           | H1/0.5                      | - U.7 INIII                        |  |
| Ground conductor screws                             | H2/1.2 – 1.6 Nm                              |           | H2/12                       | – 1.6 Nm                           |  |
| Temperature range                                   | -40 - +120 °C                                |           |                             | +120 °C                            |  |
| Dimensions  | -40 - +120 C                                 |           | -40                         | +120 C                             |  |
|   | 77.5   | 27        | 104<br>104                  |                                    |  |
| Accessories Screwdriver blade "A" 0.6 x 3.5         | Type Part No. DIN 5264 A 0,6 x 3,5 06.502.40 |           | Type DIN 5264 A 0,6 x 3,5   | Part No. Std. Pack 06.502.4000.0 5 |  |
|   | Housings for size 16H begin on page 120      | 0         | Housings for size 24H begin | on page 1232                       |  |

### 500 V contact inserts, crimp connection







#### 6 pole + ground Size 6

Approvals: 📤 **乳 🏵** 🚱



#### 10 pole + ground Size 10 Approvals: 📤 🔊 🚱

Part No. Std. Pack Part No. Std. Pack Contact inserts for revos BASIC 500 V Male insert **BAS STC** 6 50 70.710.0658.0 10 BAS STC 10 50 70.710.1058.0 10 BAS BUC 6 50 BAS BUC 10 50 Female insert 70.700.0658.0 10 70.700.1058.0 10 Contacts See page 1059 See page 1059 Derating curves See page 1343 See page 1343 Technical data Rated voltage 500 V 500 V Rated voltage according to UL/CSA 600 V 600 V Rated impulse voltage 6 kV 6 kV Rated current 16 A 16 A Degree of pollution 3 Rated cross section EN 60999 0.5 - 4 mm<sup>2</sup> 0.5 - 4 mm<sup>2</sup> UL 20-12 AWG 20-12 AWG CSA 20-12 AWG 20-12 AWG Contacts Material Copper alloy Copper alloy Surface Sn, Ag, Au Sn, Ag, Au 7 mm 7 mm Insulation strip length Contact resistance ≤ 1.5 mΩ  $\leq$  1,5 m $\Omega$ Sn 200/Ag, Au 500 Sn 200/Ag, Au 500 Mating cycles Screws head design / recomm. torque H1/0.5 – 0.7 Nm H1/0.5 - 0.7 Nm Mounting screws Clamping screws H2/1.2 – 1.6 Nm H2/1.2 – 1.6 Nm Ground conductor screws -40 - +120 °C -40 - +120 °C Temperature range **Dimensions** Accessories Туре Туре 95.101.0800.0 95.101.0800.0 Crimping tool 05.502.2100.0 Crimping die "B" 05.502.2100.0 Contact positioner "3" Contact positioner 3 05.502.3300.0 Contact positioner 3 05.502.3300.0 Extraction tool 05.502.3500.0 05.502.3500.0

Housings for size 6 begin on page 1158

1056

Housings for size 10 begin on page 1170

## 500 V contact inserts, crimp connection

# revos







24 pole + ground Size 24 Approvals: 📤 🔊 🚱

|   | Approvals: 📤 🕦 🥨  |                                  | Approvals: 📤 🕦 🏵                 |   |  |
|---|---|----------------------------------|----------------------------------|---|--|
| Description   | Type Part No  | . Std. Pack                      | Type                             | Part No. Std. Pack  |  |
| Contact inserts for revos BASIC 500 V   |   |                                  |                                  |   |  |
| Male insert   | BAS STC 16 50 70.710.   | 1658.0 10                        | BAS STC 24 50                    | 70.710.2458.0 10  |  |
| Female insert   | BAS BUC 16 50 70.700.   | 1658.0 10                        | BAS BUC 24 50                    | 70.700.2458.0 10  |  |
| Contacts  | See page 1059   |                                  | See page 1059                    |   |  |
|   |   |                                  |                                  |   |  |
| Derating curves   | See page 1343   |                                  | See page 1343                    |   |  |
| Technical data  |   |                                  |                                  |   |  |
| Rated voltage   | 500 V   |                                  | 500 V                            | 1   |  |
| Rated voltage according to UL/CSA   | 600 V   |                                  | 600 V                            | /   |  |
| Rated impulse voltage   | 6 kV  |                                  | 6 kV                             |   |  |
| Rated current   | 16 A  |                                  | 16 A                             |   |  |
| Degree of pollution   | 3   |                                  | 3                                |   |  |
| Rated cross section   | -   |                                  |                                  |   |  |
| EN 60999  | 0.5 – 4 mm <sup>2</sup>   |                                  | 0.5 – 4 n                        | nm²   |  |
| UL  | 20-12 AWG   |                                  | 20-12 AV                         |   |  |
| CSA   | 20-12 AWG   |                                  | 20-12 AV                         |   |  |
| Contacts  | 20 12 7 0 0   |                                  | 2012711                          | 770   |  |
| Material  | Copper alloy  |                                  | Copper a                         | allov   |  |
| Surface   | Sn, Ag, Au  |                                  | Sn, Ag,                          |   |  |
| Insulation strip length   | 7 mm  |                                  | 7 mm                             |   |  |
| Contact resistance  | ≤ 1.5 mΩ  |                                  | ≤ 1.5 m                          |   |  |
| Mating cycles   | Sn 200/Ag, Au 500   |                                  | \$ 1.5 mg² Sn 200/Ag, Au 500     |   |  |
| Screws head design / recomm. torque   | 311 2007 Ag, Ad 500   |                                  | 311 200 / Ag,                    | Au 500  |  |
| Mounting screws   | H1/0.5 – 0.7 Nm   |                                  | H1/0.5 – 0                       | 7 Nm  |  |
|   | H1/0.5 - 0.7 NIII   |                                  | П1/0.5 – 0                       | .7 INIII  |  |
| Clamping screws   | H2/1.2 – 1.6 Nm   |                                  |                                  | C Nino  |  |
| Ground conductor screws   |   |                                  | H2/1.2 – 1.6 Nm<br>-40 – +120 °C |   |  |
| Temperature range Dimensions  | -40 – +120 °C   |                                  | -40 - +12                        | 0 °C  |  |
|   | 77.5  | 27                               | 110                              | \$\frac{5}{5}\frac{9}{6}\frac{27}{5}2 |  |
| Accessories Crimping tool Crimping die "B" Contact positioner "3" Extraction tool | Type Part No 95.101. "B" 05.502. Contact positioner 3 05.502. 05.502. | 0800.0 1<br>2100.0 1<br>3300.0 1 | "B" (Contact positioner 3        | Part No. Std. Pack 95.101.0800.0 1 05.502.2100.0 1 05.502.3300.0 1 05.502.3500.0 1  |  |
| LATIACTION TOUR   | 05.502.   | 3000.0 I                         |                                  | 10.002.3000.0 I   |  |
|   | Housings for size 16 begin on page 119                                | <br>98                           | Housings for size 24 begin on pa |   |  |
|   | Troughings for size to begin on page 113                              | ,,,                              |                                  | wioland 105   |  |

### 500 V contact inserts, crimp connection









#### 32 pole + ground Size 32

Approvals: 📤 🕦 🐠 🚱

48 pole + ground Size 48

Approvals: 📤 🕦 🐠 Description Std. Pack Part No. Std. Pack Contact inserts for revos BASIC 500 V Male insert, marked 1-16 BAS STC 32 50 70.710.3253.0 Male insert, marked 17-32 Female insert, marked 1-16 BAS BUC 32 50 70.700.3253.0 5 Female insert, marked 17-32 Male insert, marked 1-24 BAS STC 48 50 70.710.4858.0 Male insert, marked 25-48 Female insert, marked 1-24 BAS BUC 48 50 70.700.4858.0 Female insert, marked 25-48 Contacts See page 1059 See page 1059 **Derating curves** See page 1343 See page 1343 Technical data Rated voltage 500 V 500 V Rated voltage according to UL/CSA 600 V 600 V Rated impulse voltage 6 kV 6 kV Rated current 16 A 16 A Degree of pollution 3 Rated cross section EN 60999 0.5 - 4 mm<sup>2</sup> 0.5 - 4 mm<sup>2</sup> 20-12 AWG 20-12 AWG UL CSA 20-12 AWG 20-12 AWG Contacts Material Copper alloy Copper alloy Surface Sn, Ag, Au Sn, Ag, Au 7 mm 7 mm Insulation strip length Contact resistance ≤ 1.5 mΩ ≤ 1.5 mΩ Sn 200/Ag, Au 500 Mating cycles Sn 200/Ag, Au 500 Screws head design / recomm. torque H1/0.5 - 0.7 Nm H1/0.5 - 0.7 Nm Mounting screws Clamping screws Ground conductor screws H2/1.2 - 1.6 Nm H2/1.2 - 1.6 Nm -40 - +120 °C -40 - +120 °C Temperature range **Dimensions** Accessories Туре Туре Part No. Part No. 95.101.0800.0 95.101.0800.0 Crimping tool 05.502.2100.0 Crimping die "B" 05.502.2100.0 Contact positioner "3" Contact positioner 3 05.502.3300.0 Contact positioner 3 05.502.3300.0 Extraction tool 05.502.3500.0 05.502.3500.0

Housings for size 32 begin on page 1262

Housings for size 48 begin on page 1264

#### **revos** BASIC **contacts**

# revos

#### revos BASIC contacts suitable for contact inserts with crimp connection on pages 1056-1058

|  | -                       |                   |           |
|--|-------------------------|-------------------|-----------|
| Description  | Туре                    | Part No.          | Std. Pack |
| Contacts   | mm² / AWG               |                   |           |
| Female contact                                     | 0.5 / 20                | 02.123.70xx.0     | 200       |
| Female contact                                     | 0.75-1 / 18             | 02.123.71xx.0     | 200       |
| Female contact                                     | 1.5 / 16                | 02.123.72xx.0     | 200       |
| Female contact                                     | 2.5 / 14                | 02.123.73xx.0     | 200       |
| Female contact                                     | 4 / 12                  | 02.123.74xx.0     | 200       |
|  | 0.5 / 20                | 05.543.70xx.0     | 200       |
| Male contact                                       | 0.75-1 / 18             | 05.543.71xx.0     | 200       |
| Male contact                                       | 1.5 / 16                | 05.543.72xx.0     | 200       |
| Male contact                                       | 2.5 / 14                | 05.543.73xx.0     | 200       |
| Male contact                                       | 4 / 12                  | 05.543.74xx.0     | 200       |
| Male contact                                       |                         |                   |           |
| Francis  | Curtoson                |                   |           |
| Example:   | Surfaces:               |                   |           |
| Female contact, silver-plated, 1.5 mm <sup>2</sup> | tin-plated $xx = 21$    |                   |           |
| 02.123.7202.0                                      | silver-plated $xx = 02$ |                   |           |
|  | gold-plated $xx = 01$   |                   |           |
| Technical data                                     | Technical data          |                   |           |
| Material   |                         | Copper alloy      |           |
| Insulation strip length                            |                         | 7 mm              |           |
| Contact resistance                                 |                         | ≤ 1.5 mΩ          |           |
| Mating cycles                                      |                         | Sn 200/Ag, Au 500 |           |
|  |                         |                   |           |
|  |                         |                   |           |
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|  |                         |                   |           |
| Accessories  | Туре                    | Part No.          | Std. Pack |
| Crimping tool                                      | 1,700                   | 95.101.0800.0     | 1         |
| Crimping tool                                      | "B"                     | 05.502.2100.0     | 1         |
| Crimping doi  Crimping die "B"                     | Contact positioner 3    | 05.502.3300.0     | <u>1</u>  |
| Contact positioner "3"                             | Contact positioner 3    |                   |           |
| Extraction tool                                    |                         | 05.502.3500.0     | 1         |
|  |                         |                   |           |

Subject to change without further notice 1059

### 500 V contact inserts with crimp connection

## revos BASIC EE







#### 10 pole + ground Size 6/6H

Approvals: (1) in preparation





#### 18 pole + ground Size 10/10H

Approvals: **(1)**, **(1)** in preparation

| Description   | Туре                            | Part No. Std. Pack  | Туре                            | Part No. Std. Pack   |  |
|---|---------------------------------|---|---------------------------------|--|--|
| Contact inserts for revos BASICEE 500 V   |                                 |   |                                 |  |  |
| Male insert   | BAS BUCK 10 50                  | 70.800.1053.0 1   | BAS BUCK 18 50                  | 70.800.1853.0 1  |  |
| Female insert   | BAS STCK 10 50                  | 70.810.1053.0 1   | BAS STCK 18 50                  | 70.810.1853.0 1  |  |
|   |                                 |   |                                 |  |  |
| Contacts  | See page 1059                   |   | See page 1059                   |  |  |
|   |                                 |   |                                 |  |  |
| Derating curves   | See page 1344                   |   | See page 1344                   |  |  |
| Technical data  |                                 |   |                                 |  |  |
| Rated voltage   |                                 | 500 V   |                                 | 500 V  |  |
| Rated voltage according to UL/CSA   |                                 | 000 V   |                                 | 600 V  |  |
| Rated impulse voltage   |                                 | 6 kV  |                                 | 6 kV   |  |
| Rated current   |                                 | 16 A  |                                 | 16 A   |  |
| Degree of pollution   |                                 | 3   |                                 | 3  |  |
| Rated cross section   |                                 |   |                                 |  |  |
| EN 60999  |                                 | - 4 mm <sup>2</sup>   |                                 | 5 – 4 mm²  |  |
| UL  | 20-1                            | 12 AWG  | 20                              | )-12 AWG   |  |
| CSA   | 20-1                            | 12 AWG  | 20                              | )-12 AWG   |  |
| Contacts  |                                 |   |                                 |  |  |
| Material  |                                 | per alloy   | Co                              | pper alloy   |  |
| Surface   |                                 | Ag, Au  |                                 | n, Ag, Au  |  |
| Insulation strip length   |                                 | mm .  |                                 | 7 mm   |  |
| Contact resistance  |                                 | .5 mΩ   |                                 | 1.5 mΩ   |  |
| Mating cycles   | Sn 200/                         | /Ag, Au 500   | Sn 20                           | 0/Ag, Au 500   |  |
| Screws head design / recomm. torque   |                                 |   |                                 |  |  |
| Mounting screws   | H1/0.5                          | 5 – 0.7 Nm  | H1/0.5 – 0.7 Nm                 |  |  |
| Clamping screws   |                                 | _   | -                               |  |  |
| Ground conductor screws   |                                 | 2 – 1.6 Nm  | H2/1.2 – 1.6 Nm                 |  |  |
| Temperature range Dimensions  | -40 -                           | +120 °C   | -40 - +120 °C                   |  |  |
|   | CONNECTION SIDE                 | 27  | 57                              | CUT-OUT  |  |
| Accessories Crimping tool Crimping die "B" Contact positioner "3" Extraction tool | Type  "B"  Contact positioner 3 | Part No. Std. Pack<br>95.101.0800.0 1<br>05.502.2100.0 1<br>05.502.3300.0 1 | Type  "B"  Contact positioner 3 | Part No. Std. Pack<br>95.101.0800.0 1<br>05.502.2100.0 1<br>05.502.3300.0 1<br>05.502.3500.0 1 |  |
|   |                                 |   |                                 |  |  |
|   | Housings for size 6/6H begi     | n on page 1158  | Housings for size 10/10H        | begin on page 1170   |  |

1060

## 500 V contact inserts with crimp connection





## 32 pole + ground Size 16/16H



## 46 pole + ground Size 24/24H

|   | Approvals: 🐠 , 🕕 in p                    | reparation                            | Approvals: 🐠 , 🕪 in                       | preparation                        |  |
|---|--|---------------------------------------|---|------------------------------------|--|
| Description   | Туре                                     | Part No. Std. Pack                    | Type                                      | Part No. Std. Pack                 |  |
| Contact inserts for revos BASICEE 500 V   |  |                                       | ,,  |                                    |  |
| Male insert   | BAS BUCK 32 50                           | 70.800.3253.0 1                       | BAS BUCK 46 50                            | 70.800.4653.0 1                    |  |
| Female insert   | BAS STCK 32 50                           | 70.810.3253.0 1                       | BAS STCK 46 50                            | 70.810.4653.0 1                    |  |
|   |  |                                       |   |                                    |  |
| Contacts  | See page 1059                            |                                       | See page 1059                             |                                    |  |
| Derating curves   | See page 1344                            |                                       | See page 1344                             |                                    |  |
| Technical data  |  |                                       |   |                                    |  |
| Rated voltage   |  | 500 V                                 |   | 500 V                              |  |
| Rated voltage according to UL/CSA   |  | 600 V                                 |   | 600 V                              |  |
| Rated impulse voltage   |  | 6 kV                                  |   | 6 kV                               |  |
| Rated current   |  | 16 A                                  |   | 16 A                               |  |
| Degree of pollution   |  | 3                                     |   | 3                                  |  |
| Rated cross section   |  |                                       |   |                                    |  |
| EN 60999  | 0.1                                      | 5 – 4 mm²                             | 0   | .5 – 4 mm <sup>2</sup>             |  |
| UL  | 20                                       | )-12 AWG                              |   | 20-12 AWG                          |  |
| CSA   |  | )-12 AWG                              |   | 20-12 AWG                          |  |
| Contacts  |  |                                       |   |                                    |  |
| Material  | Cc                                       | opper alloy                           | C   | Copper alloy                       |  |
| Surface   |  | n, Ag, Au                             |   | Sn, Ag, Au                         |  |
| Insulation strip length   |  | 7 mm                                  |   | 7 mm                               |  |
| Contact resistance  |  | : 1.5 mΩ                              |   | < 1.5 mΩ                           |  |
| Mating cycles   |  | 0/Ag, Au 500                          |   |                                    |  |
|   | 311 20                                   | 0/Ag, Au 500                          | Sn 200/Ag, Au 500                         |                                    |  |
| Screws head design / recomm. torque Mounting screws                               | U1//                                     | 0.5 – 0.7 Nm                          | □1/                                       | 0.5 – 0.7 Nm                       |  |
|   | ПІ/С                                     | J.5 – 0.7 IVIII                       | ПІ/                                       | 0.5 - 0.7 14111                    |  |
| Clamping screws   | 110./                                    | - 1.0 Nov.                            | H2 /1.2 – 1.6 Nm                          |                                    |  |
| Ground conductor screws   |  | 1.2 – 1.6 Nm                          |   |                                    |  |
| Temperature range   | -40                                      | – +120 °C                             | -40 – +120 °C                             |                                    |  |
| Dimensions  |  |                                       |   |                                    |  |
|   | 84.5                                     | 34                                    | 111                                       | 34                                 |  |
|   |  |                                       |   |                                    |  |
|   |  | 33.3                                  |   | 33.3                               |  |
|   |  |                                       |   |                                    |  |
|   |  |                                       |   |                                    |  |
|   |  |                                       |   |                                    |  |
|   | 77.5                                     | 27                                    | 104                                       |                                    |  |
|   |  |                                       |   |                                    |  |
|   |  |                                       |   | - III                              |  |
|   |  | . ~]                                  |   |                                    |  |
|   |  | 36.2                                  |   | 36.2                               |  |
|   |  |                                       |   |                                    |  |
|   |  | ı                                     |   | t                                  |  |
|   |  |                                       | CONNECTION SIDE                           | CUT-OUT                            |  |
|   | CONNECTION SIDE                          | CUT-OUT                               |   | 104                                |  |
|   | , <u></u> _                              | M3 77.5                               | 2 3 3 3 5 6 6 5 5 6 6 6 5 6 6 6 6 6 6 6 6 | Н3                                 |  |
|   | 20 00 0-                                 |                                       | 10 0 0 0 1 10 0 0 0 0 0 0 0 0 0 0 0 0 0   | 12 1 E                             |  |
|   | 20 00 00 00 00 00 00 00 00 00 00 00 00 0 | \$ \frac{1}{4}                        | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0     | 2,1                                |  |
|   | 20 00 0                                  | 1 + -                                 |   | 95                                 |  |
|   | ** • • • • • • • • • • • • • • • • • •   | - 68.5                                | 29 2 8 2 2 2 2 2 2 2 2 2 2 2 2            | · C5                               |  |
|   |  | 78.5                                  |   |                                    |  |
|   | ₩ ₩                                      |                                       | ⊕ ⊕                                       |                                    |  |
|   |  |                                       | Type                                      | Part No. Std. Pack                 |  |
| Accessories   | Type                                     | Part No. Std. Pack                    | 1,460                                     |                                    |  |
|   | Туре                                     | Part No. Std. Pack<br>95.101.0800.0 1 | 1   | 95.101.0800.0 1                    |  |
| Crimping tool   | Type "B"                                 |                                       | "B"                                       |                                    |  |
| Crimping tool Crimping die "B"  | "B"                                      | 95.101.0800.0 1<br>05.502.2100.0 1    | "B"                                       | 95.101.0800.0 1<br>05.502.2100.0 1 |  |
| Accessories Crimping tool Crimping die "B" Contact positioner "3" Extraction tool |  | 95.101.0800.0 1                       |   | 95.101.0800.0 1                    |  |

### 500 V multipole adapter with screw connection

## revos Basic

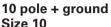




## 6 pole + ground

Size 6
Annrovals: 📤 🔊 🏵





Size 10
Approvals: App

| Approvals: 📤 <b>知 🏵</b> 🍪         |   | Approvals: ← 🕦 🐠 €  | <b>⊕ (6</b> )       |  |
|-----------------------------------|---|---|---------------------|--|
|                                   |   | Туре  | Part No. Std. Pack  |  |
|                                   |   |   |                     |  |
|                                   |   |   |                     |  |
| BAS SAS LR 6 4,0 50 70.115.0653.3 | 10  | BAS SAS LR 10 4,0 50  | 70.115.1053.3 10    |  |
| BAS BAS LR 6 4,0 50 70.105.0653.3 | 10  | BAS BAS LR 10 4,0 50  | 70.105.1053.3 10    |  |
| BAS SAS LL 6 4,0 50 70.110.0653.3 | 10  | BAS SAS LL 10 4,0 50  | 70.110.1053.3 10    |  |
| BAS BAS LL 6 4,0 50 70.100.0653.3 | 10  | BAS BAS LL 10 4,0 50  | 70.100.1053.3 10    |  |
|                                   |   |   |                     |  |
| BAS SAS KR 6 4,0 50 70.115.0653.4 | 10  | BAS SAS KR 10 4,0 50  | 70.115.1053.4 10    |  |
| BAS BAS KR 6 4,0 50 70.105.0653.4 |   |   | 70.105.1053.4 10    |  |
|                                   |   |   | 70.110.1053.4 10    |  |
| BAS BAS KL 6 4,0 50 70.100.0653.4 | 10  | BAS BAS KL 10 4,0 50  | 70.100.1053.4 10    |  |
|                                   |   |   |                     |  |
|                                   |   |   |                     |  |
|                                   |   |   | 00 V                |  |
|                                   |   |   | 00 V                |  |
| 6 kV                              |   |   | S kV                |  |
| 16 A                              |   | 1   | 6 A                 |  |
| 3                                 |   |   | 3                   |  |
|                                   |   |   |                     |  |
| 0.5 – 4 mm <sup>2</sup>           |   | 0.5 -   | - 4 mm <sup>2</sup> |  |
| 20-12 AWG                         |   | 20-1  | 2 AWG               |  |
| 20-12 AWG                         |   | 20-12 AWG   |                     |  |
|                                   |   |   |                     |  |
| Copper alloy                      |   | Copper alloy  |                     |  |
| Sn                                |   | Sn  |                     |  |
| 12 mm                             |   | 12 mm   |                     |  |
| ≤ 3 mΩ                            |   | ≤ 3   | 3 mΩ                |  |
| 200                               |   | 200   |                     |  |
|                                   |   |   |                     |  |
| H1/0.5 – 0.7 Nm                   |   | H1/0.5 – 0.7 Nm   |                     |  |
| M3/0.5 – 0.7 Nm                   |   | M3/0.5 – 0.7 Nm   |                     |  |
| H2/1.2 – 1.6 Nm                   |   | H2/1.2 – 1.6 Nm   |                     |  |
| -40 - +120 °C                     |   | -40 -   | +120 °C             |  |
|                                   |   |   |                     |  |
| 50<br>34<br>27<br>34              |   | 57<br>63  | 27                  |  |
|                                   | BAS SAS LR 6 4,0 50 70.115.0653.3  BAS BAS LR 6 4,0 50 70.105.0653.3  BAS SAS LL 6 4,0 50 70.110.0653.3  BAS SAS LL 6 4,0 50 70.100.0653.4  BAS SAS KR 6 4,0 50 70.105.0653.4  BAS SAS KL 6 4,0 50 70.110.0653.4  BAS SAS KL 6 4,0 50 70.110.0653.4  BAS BAS KL 6 4,0 50 70.100.0653.4  BAS BAS KL 6 4,0 50 70.100.0653.4  Copper alloy  Sn  12 mm  3 mΩ  200  H1/0.5 – 0.7 Nm  M3/0.5 – 0.7 Nm  H2/1.2 – 1.6 Nm  -40 – +120 °C | BAS SAS LR 6 4,0 50 70.115.0653.3 10 BAS BAS LR 6 4,0 50 70.105.0653.3 10 BAS SAS LL 6 4,0 50 70.110.0653.3 10 BAS SAS LL 6 4,0 50 70.110.0653.3 10 BAS SAS KR 6 4,0 50 70.110.0653.4 10 BAS BAS KR 6 4,0 50 70.110.0653.4 10 BAS SAS KL 6 4,0 50 70.110.0653.4 10 BAS BAS KL 6 4,0 50 70.110.0653.4 10 BAS BAS KL 6 4,0 50 70.110.0653.4 10  SOUND SAS BAS KL 6 4,0 50 70.110.0653.4 | Type                |  |

Housings for size 6 begin on page 1168

Housings for size 10 begin on page 1184

### 500 V multipole adapter with screw connection







# 16 pole + ground Size 16 Approvals: A 71 @ A

24 pole + ground Size 24 Approvals: A SU (1) (A)

|   | Approvals: 📤 🕦 🐠                 | <b>⊕ ®</b>          | Approvals: 📤 🕦 🏵                | ₩                                       |  |
|---|----------------------------------|---------------------|---------------------------------|---|--|
| Description   | Туре                             | Part No. Std. Pack  | Туре                            | Part No. Std. Pack                      |  |
| revos BASIC multipole adapter with screw connection |                                  |                     |                                 |   |  |
| Long design (6 marking fields)                      |                                  |                     |                                 |   |  |
| Male insert, ground right                           | BAS SAS LR 16 4,0 50             | 70.115.1653.3 10    | BAS SAS LR 24 4,0 50            | 70.115.2453.3 10                        |  |
| Female insert, ground right                         | BAS BAS LR 16 4,0 50             | 70.105.1653.3 10    | BAS BAS LR 24 4,0 50            | 70.105.2453.3 10                        |  |
| Male insert, ground left                            | BAS SAS LL 16 4,0 50             | 70.110.1653.3 10    | BAS SAS LL 24 4,0 50            | 70.110.2453.3 10                        |  |
| Female insert, ground left                          | BAS BAS LL 16 4,0 50             | 70.100.1653.3 10    | BAS BAS LL 24 4,0 50            | 70.100.2453.3 10                        |  |
| Short design (4 marking fields)                     |                                  |                     |                                 |   |  |
| Male insert, ground right                           | BAS SAS KR 16 4,0 50             | 70.115.1653.4 10    | BAS SAS KR 24 4,0 50            | 70.115.2453.4 10                        |  |
| Female insert, ground right                         | BAS BAS KR 16 4,0 50             | 70.105.1653.4 10    | BAS BAS KR 24 4,0 50            | 70.105.2453.4 10                        |  |
| Male insert, ground left                            | BAS SAS KL 16 4,0 50             | 70.110.1653.4 10    | BAS SAS KL 24 4,0 50            | 70.110.2453.4 10                        |  |
| Female insert, ground left                          | BAS BAS KL 16 4,0 50             | 70.100.1653.4 10    | BAS BAS KL 24 4,0 50            | 70.100.2453.4 10                        |  |
| Technical data                                      |                                  |                     |                                 |   |  |
| Rated voltage                                       | 1                                | 500 V               | F                               | 500 V                                   |  |
| Rated voltage according to UL/CSA                   |                                  | 600 V               |                                 | 000 V                                   |  |
|   |                                  | 6 kV                |                                 | 6 kV                                    |  |
| Rated impulse voltage Rated current                 |                                  |                     |                                 |   |  |
|   |                                  | 16 A                |                                 | 16 A                                    |  |
| Degree of pollution                                 |                                  | 3                   |                                 | 3                                       |  |
| Rated cross section                                 |                                  | 4 2                 |                                 | 4 2                                     |  |
| EN 60999  |                                  | – 4 mm <sup>2</sup> |                                 | - 4 mm <sup>2</sup>                     |  |
| UL  |                                  | 12 AWG              |                                 | 12 AWG                                  |  |
| CSA   | 20-                              | 12 AWG              | 20-1                            | 12 AWG                                  |  |
| Contacts  |                                  |                     |                                 |   |  |
| Material  | Сор                              | per alloy           | Сор                             | per alloy                               |  |
| Surface   |                                  | Sn                  | Sn                              |   |  |
| Insulation strip length                             | 1                                | 2 mm                | 12 mm                           |   |  |
| Contact resistance                                  | ≤                                | $3~\text{m}\Omega$  | ≤ 3 mΩ                          |   |  |
| Mating cycles                                       |                                  | 200                 | 200                             |   |  |
| Screws head design / recomm. torque                 |                                  |                     |                                 |   |  |
| Mounting screws                                     | H1/0.                            | 5 – 0.7 Nm          | H1/0.5 – 0.7 Nm                 |   |  |
| Clamping screws                                     | M3/0.                            | 5 – 0.7 Nm          | M3/0.5 – 0.7 Nm                 |   |  |
| Ground conductor screws                             | H2/1                             | 2 – 1.6 Nm          | H2/1.2 – 1.6 Nm                 |   |  |
| Temperature range                                   |                                  | - +120 °C           | -40 - +120 °C                   |   |  |
| Dimensions  | -                                |                     |                                 |   |  |
|   | 83<br>83<br>77,5<br>83           | 27                  | 110                             | 27                                      |  |
|   | 77,5  Housings for size 16 begin | on page 1202        | 104  Housings for size 24 begin | 27 _ 27 _ 27 _ 27 _ 27 _ 27 _ 27 _ 27 _ |  |
|   | I Housings for Size to begin     | on page 1202        | I riousings for size 24 begin   | un page 1204                            |  |

revos BASIC



These multipole adapters can be mounted inside the control cabinet. Please use the version B coding accessory. Coding accessories can be found on page 1310.



Size 6







6 pole + ground 10 pole + ground Approvals: 📤 🔊 🏟

| Size 10      |            | _   | _    | _    |
|--------------|------------|-----|------|------|
| Approvals: 4 | <b>A</b> I | (SP | (eye | (66) |

| und on page 1310.                                   | Approvals: 📤 🕦 🥨 €    | ⊕ 🚱               |         | Approvals: 📤 🕦 🥨 🗮                        | <i>€</i>          |           |
|---|-----------------------|-------------------|---------|---|-------------------|-----------|
| Description   | Туре                  | Part No. Std      | I. Pack | Type                                      | Part No.          | Std. Pack |
| revos BASIC multipole adapter with screw connection |                       |                   |         |   |                   |           |
| + base with single locking lever                    |                       |                   |         |   |                   |           |
| Long design (6 marking fields)                      |                       |                   |         |   |                   |           |
| Male insert, ground right                           | BAS GAESHRS 6 4,0 50  | 70.955.0653.3     | 10      | BAS GAESHRS 10 4,0 50                     | 71.955.10         | 53.3 10   |
| Female insert, ground right                         | BAS GAESHRB 6 4,0 50  | 70.945.0653.3     | 10      | BAS GAESHRB 10 4,0 50                     | 71.945.10         |           |
| Male insert, ground left                            | BAS GAESHLS 6 4,0 50  | 70.950.0653.3     | 10      | BAS GAESHLS 10 4,0 50                     | 71.950.10         |           |
| Female insert, ground left                          | BAS GAESHLB 6 4,0 50  | 70.940.0653.3     | 10      | BAS GAESHLB 10 4,0 50                     | 71.940.10         |           |
| Short design (4 marking fields)                     | DAS GALSTIED 0 4,0 30 | 70.040.0000.0     | 10      | DAS GALSTILB TO 4,0 30                    | 71.540.10         | 00.0 10   |
| Male insert, ground right                           | BAS GAESNRS 6 4,0 50  | 70.955.0653.4     | 10      | BAS GAESNRS 10 4,0 50                     | 71.955.10         | 53.4 10   |
|   |                       |                   |         | BAS GAESNRB 10 4,0 50                     |                   |           |
| Female insert, ground right                         | BAS GAESNRB 6 4,0 50  | 70.945.0653.4     | 10      | ,   | 71.945.10         |           |
| Male insert, ground left                            | BAS GAESNLS 6 4,0 50  | 70.950.0653.4     | 10      | BAS GAESNLS 10 4,0 50                     | 71.950.10         |           |
| Female insert, ground left                          | BAS GAESNLB 6 4,0 50  | 70.940.0653.4     | 10      | BAS GAESNLB 10 4,0 50                     | 71.940.10         | 53.4 10   |
| Technical data                                      |                       |                   |         |   |                   |           |
| Rated voltage                                       | 50                    | 00 V              |         | 50  | 0 V               |           |
| Rated voltage according to UL/CSA                   |                       | 00 V              |         |   | 0 V               |           |
| Rated impulse voltage                               |                       | kV                |         |   | kV                |           |
| Rated current                                       |                       | 6 A               |         |   | 6 A               |           |
| Degree of pollution                                 | l                     | 3                 |         |   | 3                 |           |
| • .   |                       | J                 |         |   | J                 |           |
| Rated cross section                                 |                       | 42                |         | 2 -                                       | 4?                |           |
| EN 60999  |                       | 4 mm <sup>2</sup> |         |   | 4 mm <sup>2</sup> |           |
| UL  |                       | 2 AWG             |         |   | AWG               |           |
| CSA   | 20-1                  | 2 AWG             |         | 20-12                                     | AWG               |           |
| Contacts  |                       |                   |         |   |                   |           |
| Material  |                       | er alloy          |         |   | er alloy          |           |
| Surface   |                       | Sn                |         | Sn  |                   |           |
| Insulation strip length                             | 12                    | mm                |         | 12 mm                                     |                   |           |
| Contact resistance                                  | ≤ 3                   | 3 mΩ              |         | ≤ 3 mΩ                                    |                   |           |
| Mating cycles                                       | 2                     | 200               |         | 200                                       |                   |           |
| Screws head design / recomm. torque                 |                       |                   |         |   |                   |           |
| Mounting screws                                     | H1/0.5                | – 0.7 Nm          |         | H1/0.5 – 0.7 Nm                           |                   |           |
| Clamping screws                                     |                       | – 0.7 Nm          |         | M3/0.5 – 0.7 Nm                           |                   |           |
| Ground conductor screws                             |                       | – 1.6 Nm          |         | H2/1.2 – 1.6 Nm                           |                   |           |
| Temperature range                                   |                       | +120 °C           |         |   | +120 °C           |           |
| Dimensions  | 40                    | 1120 0            |         | 40  | 1120 0            |           |
|   | 79                    |                   | 51      | 79  |                   |           |
|   |                       |                   |         | 5 0 0 10<br>1 0 0 0<br>2 0 0 7<br>1 0 0 6 |                   |           |

1064









These multipole adapters can be mounted inside the control cabinet. Please use the version B coding accessory. Coding accessories can be found on page 1310.

16 pole + ground Size 16

Size 16
Approvals: 📤 🔊 🏵 🍪

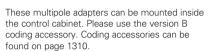
24 pole + ground Size 24

| Approvals: | VDE | <b>7</b> 1 | <b>(1)</b> | 8 |
|------------|-----|------------|------------|---|
|            |     |            |            |   |

|   |                            |           | $\sim$ $\odot$    |        |      | 1-1             |  | ~ <b>(a)</b>      |           |
|---|----------------------------|-----------|-------------------|--------|------|-----------------|--|-------------------|-----------|
| Description   | Type                       |           | Part No.          | Std. F | Pack | Type            |  | Part No.          | Std. Pack |
| revos BASIC multipole adapter with screw connection |                            |           |                   |        |      |                 |  |                   |           |
| + base with single locking lever                    |                            |           |                   |        |      |                 |  |                   |           |
| Long design (6 marking fields)                      |                            |           |                   |        |      |                 |  |                   |           |
| Male insert, ground right                           | BAS GAESHRS                |           | 71.955.165        |        | 10   | BAS GAESHRS 2   |  | 71.955.245        |           |
| Female insert, ground right                         | BAS GAESHRB                |           | 71.945.165        |        | 10   | BAS GAESHRB 2   |  | 71.945.245        |           |
| Male insert, ground left                            | BAS GAESHLS                |           | 71.950.165        |        | 10   | BAS GAESHLS 2   |  | 71.950.245        |           |
| Female insert, ground left                          | BAS GAESHLB                | 16 4,0 50 | 71.940.165        | 3.3    | 10   | BAS GAESHLB 2   | 24 4,0 50  | 71.940.245        | 3.3 10    |
| Short design (4 marking fields)                     |                            |           |                   |        |      |                 |  |                   |           |
| Male insert, ground right                           | BAS GAESNRS                | 16 4,0 50 | 71.955.165        | 3.4    | 10   | BAS GAESNRS 2   | 24 4,0 50  | 71.955.2453       |           |
| Female insert, ground right                         | BAS GAESNRB                | 16 4,0 50 | 71.945.165        | 3.4    | 10   | BAS GAESNRB 2   | 24 4,0 50  | 71.945.245        | 3.4 10    |
| Male insert, ground left                            | BAS GAESNLS                | 16 4,0 50 | 71.950.165        | 3.4    | 10   | BAS GAESNLS 2   | 24 4,0 50  | 71.950.245        | 3.4 10    |
| Female insert, ground left                          | BAS GAESNLB                | 16 4,0 50 | 71.940.165        | 3.4    | 10   | BAS GAESNLB 2   | 24 4,0 50  | 71.940.245        | 3.4 10    |
| Technical data                                      |                            |           |                   |        |      |                 |  |                   |           |
| Rated voltage                                       |                            | E.        | 00 V              |        |      |                 | 50   | 00 V              |           |
| Rated voltage  Rated voltage according to UL/CSA    |                            |           | 00 V              |        |      |                 |  | 00 V              |           |
| Rated impulse voltage                               |                            |           | 6 kV              |        |      |                 |  | kV                |           |
| Rated current                                       |                            |           |                   |        |      |                 |  |                   |           |
| Degree of pollution                                 |                            | 1         | 6 A<br>3          |        |      |                 |  | 6 A<br>3          |           |
| • •   |                            |           | J                 |        |      |                 |  | 3                 |           |
| Rated cross section                                 |                            | 0.5       | 4 mm <sup>2</sup> |        |      |                 | 0.5  | 4 mm <sup>2</sup> |           |
| EN 60999  |                            |           | 4 mm <sup>2</sup> |        |      |                 |  | 4 mm <sup>2</sup> |           |
| UL  |                            |           | 2 AWG             |        |      |                 |  | 2 AWG             |           |
| CSA   |                            | 20-1      | 2 AWG             |        |      |                 | 20-12  | 2 AWG             |           |
| Contacts  |                            |           |                   |        |      |                 |  |                   |           |
| Material  |                            |           | er alloy          |        |      | Copper alloy    |  |                   |           |
| Surface   |                            |           | Sn                |        |      | Sn              |  |                   |           |
| Insulation strip length                             |                            |           | mm                |        |      | 12 mm           |  |                   |           |
| Contact resistance                                  |                            |           | 3 mΩ              |        |      | ≤ 3 mΩ          |  |                   |           |
| Mating cycles                                       |                            |           | 200               |        |      |                 | 2  | 200               |           |
| Screws head design / recomm. torque                 |                            |           |                   |        |      |                 |  |                   |           |
| Mounting screws                                     |                            |           | – 0.7 Nm          |        |      | H1/0.5 – 0.7 Nm |  |                   |           |
| Clamping screws                                     |                            |           | 5 – 0.7 Nm        |        |      | M3/0.5 – 0.7 Nm |  |                   |           |
| Ground conductor screws                             |                            |           | – 1.6 Nm          |        |      |                 | H2/1.2   | – 1.6 Nm          |           |
| Temperature range                                   |                            | -40 –     | +120 °C           |        |      |                 | -40 -  | +120 °C           |           |
| Dimensions  |                            |           |                   |        |      |                 |  |                   |           |
|   | <b>S S S S S S S S S S</b> |           |                   |        | 15.  |                 |  | 7/9               |           |
|   |                            |           |                   |        |      |                 | 11 0 0 51<br>11 0 0 52<br>11 0 0 52<br>11 0 0 53<br>11 0 53<br>11 0 0 5 |                   |           |

revos BASIC













10 pole + ground Size 10

Approvals: 📤 🔁 🏵

16 pole + ground Size 16

Approvals: 📤 🕦 🏽 😩 🚱

| Past No.   Std.   Pack   Past No.   Std.   Pack   Type   Past No.   Std.   Pack   Pack   Past No.   Pack   Pack   Pack   Past No.   Std.   Pack     | ound on page 1310.                                  | Approvais: 🖦 📶 🐨 🖯 🚱   | Approvais: 🚥 📶 🐨 🖯                           |
|--|---|--|--|
| Passe with couble locking lew   Passe   Pass   | Description   | _  |  |
| Date with double locking lever   | revos BASIC multipole adapter with screw connection |  |  |
| Long design (6 marking fields)   |   |  |  |
| Male insert ground right   BAS GAZSHRS 104 0.9 0 7.985.108.33 10   BAS GAZSHRS 104.05 0 7.995.168.33 10   BAS GAZSHRS 104.05 0 7.9945.108.33 10   BAS GAZSHRS 104.05 0 7.9945.108.34 10   BAS GAZSHRS 104.05   | <u> </u>  |  |  |
| Female insert, ground right   BaS GAZSHRB 104.0 90 79.981.083.3 10   BaS GAZSHRB 164.0 90 79.981.083.3 10   BaS GAZSHRB 164.0 90 79.991.083.3 10   Female insert, ground left   BaS GAZSHLB 104.0 90 70.990.1083.3 10   BaS GAZSHLB 164.0 80 70.990.1083.4 10   BaS GAZSHRB 104.0 80 70.990.1083.4 10   BaS GAZSHRB 164.0 80 70.990.   |   | BAS GAZSHRS 10 4.0 50 70.955.1053.3 1  | 10 BAS GAZSHRS 16 4.0 50 70.955.1653.3 10    |
| Male insert. ground left   BAS GAZSHLS 104,0 90 70,980,1083.3 10   BAS GAZSHLS 104,0 90 70,980,1683.3 10   Short design (4 marking fields)   BAS GAZSHLB 104,0 90 70,940,1083.3 10   BAS GAZSHRB 104,0 90 70,940,1083.4 10   BAS GAZSHRB 104,0 90 70   |   |  | *  |
| Female insert, ground left   BAS GAZSHLB 10 4,0 50   70,940 1083.3   10   BAS GAZSHLB 16 4,0 50   70,940 1083.3   10   Short design (# marking fields)   |   |  |  |
| Short design (4 marking fields)   BAS GAZSNRS 10 4,0 50 7,0 955 1653.4 10   BAS GAZSNRS 16 4,0 50 70,945,1653.4 10      |   | The state of the s |  |
| Male insert, ground right  |   | 57.0 d7.201125 10 1,0 00 70.010.1000.0   | 10 B/10 G/12011EB 10 1,0 00 70.010.1000.0 10 |
| Female insert, ground left   |   | BAS GAZSNRS 10 4 0 50 70 955 1053 4 1  | 10 BAS GAZSNBS 16 4 0 50 70 955 1653 4 10    |
| Male insert, ground left         BAS GAZSNLS 10 4,0 50         70,950,1693.4         10         BAS GAZSNLS 16 4,0 50         70,940,1653.4         10           Female insert, ground left         BAS GAZSNLB 10 4,0 50         70,940,1053.4         10         BAS GAZSNLS 16 4,0 50         70,940,1653.4         10           Technical data         Rated voltage         BOO V         BOO V         BOO V         BOO V           Rated voltage         6 kV  |   | *  | · · · · · · · · · · · · · · · · · · ·        |
| Female insert, ground left   |   |  | · · · · · · · · · · · · · · · · · · ·        |
| Technical data   Sou   |   |  |  |
| Rated voltage   500 V   500 V   Rated voltage according to UL/CSA   600 V      | Terriale insert, ground for                         | BAO GAZSIVED 10 4,0 30 70.340.1000.4   | 10 BAG GAZGINED 10 4,0 00 70.040.1000.4 10   |
| Rated voltage   S00 V   S00 V   Rated voltage according to UL/CSA   S00 V   S00 V   S00 V   Rated impulse voltage   G kV   G kV   G kV   G kV   Rated current   G k A   G k A   G kV     |   |  |  |
| Rated voltage according to UL/CSA  | Technical data                                      |  |  |
| Rated current  | Rated voltage                                       | 500 V  | 500 V  |
| Rated current  | •   | 600 V  | 600 V  |
| Rated current   16 A   |   | 6 kV   | 6 kV   |
| Degree of pollution         3         3           Rated cross section         0.5 - 4 mm²         0.5 - 4 mm²           EN 60999         0.5 - 4 mm²         0.5 - 4 mm²           UL         20-12 AWG         20-12 AWG           CSA         20-12 AWG         20-12 AWG           Contacts         Copper alloy           Material         Copper alloy           Surface         Sn         Sn           Insulation strip length         12 mm         12 mm           Contact resistance         ≤ 3 mΩ         ≤ 3 mΩ           Mating cycles         200         200           Screws         head design / recomm. torque         H1/0.5 - 0.7 Nm           Mounting screws         H1/0.5 - 0.7 Nm         H1/0.5 - 0.7 Nm           Clamping screws         M3/0.5 - 0.7 Nm         M3/0.5 - 0.7 Nm           Ground conductor screws         H2/1.2 - 1.6 Nm         H2/1.2 - 1.6 Nm           Temperature range         -40 - +120 °C         -40 - +120 °C           Dimensions  |   |  |  |
| Rated cross section  | Degree of pollution                                 |  |  |
| UL         20-12 AWG         20-12 AWG           CSA         20-12 AWG         20-12 AWG           Contacts         Material         Copper alloy         Copper alloy           Surface         Sn         Sn           Insulation strip length         12 mm         12 mm           Contact resistance         ≤ 3 mQ         ≤ 3 mQ           Mating cycles         200         200           Screws         head design / recomm. torque         H1/0.5 - 0.7 Nm         H1/0.5 - 0.7 Nm           Clamping screws         M3/0.5 - 0.7 Nm         M3/0.5 - 0.7 Nm         M3/0.5 - 0.7 Nm           Ground conductor screws         H2/1.2 - 1.6 Nm         H2/1.2 - 1.6 Nm         H2/1.2 - 1.6 Nm           Temperature range         -40 - +120 °C         -40 - +120 °C         -40 - +120 °C  | Rated cross section                                 |  |  |
| CSA         20-12 AWG         20-12 AWG           Contacts         Copper alloy         Copper alloy           Material         Sn         Sn           Insulation strip length         12 mm         12 mm           Contact resistance         ≤ 3 mΩ         ≤ 3 mΩ           Mating cycles         200         200           Screws         head design / recomm. torque         H1/0.5 – 0.7 Nm         H1/0.5 – 0.7 Nm           Mounting screws         M3/0.5 – 0.7 Nm         M3/0.5 – 0.7 Nm         M3/0.5 – 0.7 Nm           Clamping screws         M3/0.5 – 0.7 Nm         M3/0.5 – 0.7 Nm         H2/1.2 – 1.6 Nm         H2/1.2 –  | EN 60999  | 0.5 – 4 mm <sup>2</sup>  | 0.5 – 4 mm <sup>2</sup>                      |
| CSA         20-12 AWG         20-12 AWG           Contacts         Copper alloy         Copper alloy           Material         Copper alloy         Sn           Surface         Sn         Sn           Insulation strip length         12 mm         12 mm           Contact resistance         \$3 mΩ         \$3 mΩ           Mating cycles         200         200           Screws         head design / recomm. torque         H1/0.5 - 0.7 Nm         H1/0.5 - 0.7 Nm           Mounting screws         M3/0.5 - 0.7 Nm         M3/0.5 - 0.7 Nm         M3/0.5 - 0.7 Nm           Clamping screws         M3/0.5 - 0.7 Nm         M3/0.5 - 0.7 Nm         H2/1.2 - 1.6 Nm           Temperature range         40 - +120 °C         -40 - +120 °C  | UL  | 20-12 AWG  | 20-12 AWG                                    |
| Contacts         Material         Copper alloy         Copper alloy           Surface         Sn         Sn           Insulation strip length         12 mm         12 mm           Contact resistance         ≤ 3 mΩ         ≤ 3 mΩ           Mating cycles         200         200           Screws         head design / recomm. torque         H1/0.5 – 0.7 Nm         H1/0.5 – 0.7 Nm           Mounting screws         M3/0.5 – 0.7 Nm         M3/0.5 – 0.7 Nm         M3/0.5 – 0.7 Nm           Clamping screws         M3/0.5 – 0.7 Nm         H2/1.2 – 1.6 Nm         H2/1.2 – 1.6 Nm           Temperature range         40 – +120 °C         40 – +120 °C         40 – +120 °C  |   |  |  |
| Material         Copper alloy         Copper alloy           Surface         Sn         Sn           Insulation strip length         12 mm         12 mm           Contact resistance         ≤ 3 mΩ         ≤ 3 mΩ           Mating cycles         200         200           Screws         head design / recomm. torque           Mounting screws         H1/0.5 − 0.7 Nm         H1/0.5 − 0.7 Nm           Ground conductor screws         M3/0.5 − 0.7 Nm         M3/0.5 − 0.7 Nm           Ground conductor screws         H2/1.2 − 1.6 Nm         H2/1.2 − 1.6 Nm           Temperature range         -40 − +120 °C         -40 − +120 °C  |   | 5.22   |  |
| Surface         Sn         Sn           Insulation strip length         12 mm         12 mm           Contact resistance         ≤ 3 mΩ         ≤ 3 mΩ           Mating cycles         200         200           Screws         head design / recomm. torque         H1/0.5 − 0.7 Nm         H1/0.5 − 0.7 Nm           Mounting screws         M3/0.5 − 0.7 Nm         M3/0.5 − 0.7 Nm           Clamping screws         M3/0.5 − 0.7 Nm         M3/0.5 − 0.7 Nm           Temperature range         40 − +120 °C         -40 − +120 °C  |   | Copper allov   | Copper allov                                 |
| Insulation strip length         12 mm         12 mm           Contact resistance         ≤ 3 mΩ         ≤ 3 mΩ           Mating cycles         200         200           Screws         head design / recomm. torque         H1/0.5 − 0.7 Nm         H1/0.5 − 0.7 Nm           Mounting screws         M3/0.5 − 0.7 Nm         M3/0.5 − 0.7 Nm           Ground conductor screws         H2/1.2 − 1.6 Nm         H2/1.2 − 1.6 Nm           Temperature range         -40 − +120 °C         -40 − +120 °C   |   |  |  |
| Contact resistance       ≤ 3 mΩ       ≤ 3 mΩ         Mating cycles       200       200         Screws       head design / recomm. torque         Mounting screws       H1/0.5 – 0.7 Nm       H1/0.5 – 0.7 Nm         Clamping screws       M3/0.5 – 0.7 Nm       M3/0.5 – 0.7 Nm         Ground conductor screws       H2/1.2 – 1.6 Nm       H2/1.2 – 1.6 Nm         Temperature range       -40 – +120 °C       -40 – +120 °C   |   |  |  |
| Mating cycles         200         200           Screws         head design / recomm. torque         H1/0.5 – 0.7 Nm         H1/0.5 – 0.7 Nm           Mounting screws         M3/0.5 – 0.7 Nm         M3/0.5 – 0.7 Nm           Ground conductor screws         H2/1.2 – 1.6 Nm         H2/1.2 – 1.6 Nm           Temperature range         40 – +120 °C         -40 – +120 °C   |   |  |  |
| Screws   head design / recomm. torque   Mounting screws   H1/0.5 – 0.7 Nm   H1/0.5 – 0.7 Nm   M3/0.5 – 0.7 Nm   H2/1.2 – 1.6 Nm   H2/1.2   |   |  |  |
| Mounting screws  H1/0.5 – 0.7 Nm  H1/0.5 – 0.7 Nm  M3/0.5 – 0.7 Nm  M3/0.5 – 0.7 Nm  M3/0.5 – 0.7 Nm  H2/1.2 – 1.6 Nm  H2/1.2 – 1.6 Nm  H2/1.2 – 1.6 Nm  Temperature range  Jumensions  H2/1.2 – 1.6 Nm  |   |  | 200  |
| Clamping screws  M3/0.5 – 0.7 Nm  M3/0.5 – 0.7 Nm  H2/1.2 – 1.6 Nm  H2/1.2 – 1.6 Nm  H2/1.2 – 1.6 Nm  A0 – +120 °C  Dimensions  M3/0.5 – 0.7 Nm  M3/0.5 – 0.7 N | <u> </u>  |  | H1/0.5 – 0.7 Nm                              |
| Ground conductor screws  H2/1.2 – 1.6 Nm  Temperature range  40 – +120 °C  Dimensions  H2/1.2 – 1.6 Nm  H2/1 |   |  |  |
| Temperature range  -40 - +120 °C  -40 - +120 °C  -40 - +120 °C  -40 - +120 °C  |   |  |  |
| Dimensions   |   |  |  |
|  |   | TO - T120 C  | -0-T120 C                                    |
|  |   | ——————————————————————————————————————   |  |

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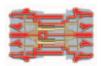
These multipole adapters can be mounted inside the control cabinet. Please use the version B coding accessory. Coding accessories can be found on page 1310.

#### 24 pole + ground Size 24

| Type   | Type   | coding accessory. Coding accessories can be | Size 24                                |  |
|--|--|---|--|--|
| revoe asker multipole adapter with screw connection + base with double locking level - base video fine first - base video fine first - base video first - base vi | Frenche insets  Internate inse | · -   | Approvals: 📤 🕦 🏻 😂 🚱                   |  |
| Degree with double locking lever   | b base with double locking lever Long design (6 marking feldes)  Mole insert , ground right  |   | Type Part No. Std. Pack                |  |
| Long design (6 marking fields)   | Long design (6 markfung fields)  Mile insert, ground right Emmels insert, ground right BAS GAZSHRS 24 0,0 50 70 965 2453 3 10  Mole insert, ground left BAS GAZSHRS 24 0,0 50 70 965 2453 3 10  Mole marker, ground left BAS GAZSHRS 24 0,0 50 70 960 2453 3 10  Mole marker, ground left BAS GAZSHRS 24 0,0 50 70 960 2453 3 10  Mole insert, ground left BAS GAZSHRS 24 0,0 50 70 960 2453 3 10  Mole marker, ground right BAS GAZSHRS 24 0,0 50 70 960 2453 4 10  Mole insert, ground left BAS GAZSHRS 24 0,0 50 70 960 2453 4 10  Mole insert, ground left BAS GAZSHRS 24 0,0 50 70 960 2453 4 10  Mole insert, ground left BAS GAZSHRS 24 0,0 50 70 960 2453 4 10  Mole insert, ground left BAS GAZSHRS 24 0,0 50 70 960 2453 4 10  Mole insert, ground left BAS GAZSHRS 24 0,0 50 70 960 2453 4 10  Mole insert, ground left BAS GAZSHRS 24 0,0 50 70 960 2453 4 10  Mole insert, ground left BAS GAZSHRS 24 0,0 50 70 960 2453 4 10  Mole insert, ground left BAS GAZSHRS 24 0,0 50 70 960 2453 4 10  Mole insert, ground left BAS GAZSHRS 24 0,0 50 70 960 2453 4 10  Mole insert, ground left BAS GAZSHRS 24 0,0 50 70 960 2453 4 10  Mole insert, ground left BAS GAZSHRS 24 0,0 50 70 960 2453 4 10  Mole insert, ground left BAS GAZSHRS 24 0,0 50 70 960 2453 4 10  Mole insert, ground left BAS GAZSHRS 24 0,0 50 70 960 2453 4 10  Mole insert, ground left BAS GAZSHRS 24 0,0 50 70 960 2453 4 10  Mole insert, ground left BAS GAZSHRS 24 0,0 50 70 960 2453 4 10  Mole insert, ground left BAS GAZSHRS 24 0,0 50 70 960 2453 4 10  Mole insert, ground left BAS GAZSHRS 24 0,0 50 70 960 2453 4 10  Mole insert, ground left BAS GAZSHRS 24 0,0 50 70 960 2453 4 10  Mole insert, ground left BAS GAZSHRS 24 0,0 50 70 960 2453 4 10  Mole insert, ground left BAS GAZSHRS 24 0,0 50 70 960 2453 4 10  Mole insert, ground left BAS GAZSHRS 24 0,0 50 70 960 2453 4 10  Mole insert, ground left BAS GAZSHRS 24 0,0 50 70 960 2453 4 10  Mole insert, ground left BAS GAZSHRS 24 0,0 50 70 960 2453 4 10  Mole insert, ground left BAS GAZSHRS 24 0,0 50 70 960 2453 4 10  Mole insert, ground left BAS GAZS | ·   |  |  |
| Male insert, ground right BAS GAZSHRS 24 4,0 90 70 985 2463.3 10 Male insert, ground felt BAS GAZSHRS 24 4,0 90 70 980 2463.3 10  Short design (4 marking felds) Male insert, ground right BAS GAZSHRS 24 4,0 90 70 980 2463.3 10  Short design (4 marking felds) Male insert, ground right BAS GAZSHRS 24 4,0 90 70 980 2463.4 10  Fermale insert, ground right BAS GAZSHRS 24 4,0 90 70 980 2463.4 10  Fermale insert, ground right BAS GAZSHRS 24 4,0 90 70 980 2463.4 10  Fermale insert, ground right BAS GAZSHRS 24 4,0 90 70 980 2463.4 10  Fermale insert, ground right BAS GAZSHRS 24 4,0 90 70 980 2463.4 10  Fermale insert, ground right BAS GAZSHRS 24 4,0 90 70 980 2463.4 10  Fermale insert, ground right BAS GAZSHRS 24 4,0 90 70 980 2463.4 10  Fermale insert, ground right BAS GAZSHRS 24 4,0 90 70 980 2463.4 10  Fermale insert, ground right BAS GAZSHRS 24 4,0 90 70 980 2463.4 10  Fermale insert, ground right BAS GAZSHRS 24 4,0 90 70 980 2463.4 10  Fermale insert, ground right BAS GAZSHRS 24 4,0 90 70 980 2463.4 10  Fermale insert, ground right BAS GAZSHRS 24 4,0 90 70 980 2463.4 10  Fermale insert, ground right BAS GAZSHRS 24 4,0 90 70 980 2463.4 10  Fermale insert, ground right BAS GAZSHRS 24 4,0 90 70 980 2463.4 10  Fermale insert, ground right BAS GAZSHRS 24 4,0 90 70 980 2463.3 10  Fermale insert, ground right BAS GAZSHRS 24 4,0 90 70 980 2463.3 10  Fermale insert, ground right BAS GAZSHRS 24 4,0 90 70 980 2463.3 10  Fermale insert, ground right BAS GAZSHRS 24 4,0 90 70 980 2463.3 10  Fermale insert, ground right BAS GAZSHRS 24 4,0 90 70 980 2463.3 10  Fermale insert, ground right BAS GAZSHRS 24 4,0 90 70 980 2463.3 10  Fermale insert, ground right BAS GAZSHRS 24 4,0 90 70 980 2463.3 10  Fermale insert, ground right BAS GAZSHRS 24 4,0 90 70 980 2463.3 10  Fermale insert, ground right BAS GAZSHRS 24 4,0 90 70 980 2463.3 10  Fermale insert, ground right BAS GAZSHRS 24 4,0 90 70 980 2463.3 10  Fermale insert, ground right BAS GAZSHRS 24 4,0 90 70 980 2463.3 10  Fermale insert, ground right BAS GAZSHRS 24 4,0 90 70 980 2463.3 1 | Mode insert   ground right   BAS GAZSHIS 24 4,0 B0   70.956,249.3   10   |   |  |  |
| Pamble Insert, ground right   BAS GAZSHIB 24 4,0 B0 70 945,2453.3 10   | Frentel insert, ground right Meel nesert, ground left Femile insert, ground left Femile insert, ground left Meel SAGAZSHIS 24 4,0 80 70 340 2453 3 10 Meel nesert, ground left Meel nesert, ground l |   |  |  |
| Male insert. ground left   | Male insert, ground left Finale insert, ground left BAS GAZSHIL 9 24 0, 96 77 9,980 2453 3 10  Short design (4 marking fields) Male insert, ground right BAS GAZSHIR 9 24 0, 96 77 9,980 2453 4 10  Frende insert, ground right BAS GAZSHIR 9 24 0, 96 77 9,980 2453 4 10  Frende insert, ground left BAS GAZSHIR 9 24 0, 96 77 9,980 2453 4 10  Frende insert, ground left BAS GAZSHIR 9 24 0, 96 77 9,980 2453 4 10  Frende insert, ground left BAS GAZSHIR 9 24 0, 96 77 9,980 2453 4 10  Frende insert, ground left BAS GAZSHIR 9 24 0, 96 77 9,980 2453 4 10  Frende insert, ground left BAS GAZSHIR 9 24 0, 96 77 9,980 2453 4 10  Frende insert, ground left BAS GAZSHIR 9 24 0, 96 77 9,980 2453 4 10  Frende insert, ground left BAS GAZSHIR 9 24 0, 96 77 9,980 2453 4 10  Frende insert, ground left BAS GAZSHIR 9 24 0, 96 77 9,980 2453 4 10  Frende insert, ground left BAS GAZSHIR 9 24 0, 96 77 9,980 2453 4 10  Frende insert, ground left BAS GAZSHIR 9 24 0, 96 77 9,980 2453 4 10  Frende insert, ground left BAS GAZSHIR 9 24 0, 96 77 9,980 2453 4 10  Frende insert, ground left BAS GAZSHIR 9 24 0, 96 77 9,980 2453 4 10  Frende insert, ground left BAS GAZSHIR 9 24 0, 96 77 9,980 2453 4 10  Frende insert, ground left BAS GAZSHIR 9 24 0, 96 77 9,980 2453 4 10  Frende insert, ground left BAS GAZSHIR 9 24 0, 96 77 9,980 2453 4 10  Frende insert, ground left BAS GAZSHIR 9 24 0, 96 77 9,980 2453 4 10  Frende insert, ground left BAS GAZSHIR 9 24 0, 96 77 9,980 2453 4 10  Frende insert, ground left BAS GAZSHIR 9 24 0, 96 77 9,980 2453 4 10  Frende insert, ground left BAS GAZSHIR 9 24 0, 96 77 9,980 2453 4 10  Frende insert, ground left BAS GAZSHIR 9 24 0, 96 77 9,980 2453 4 10  Frende insert, ground left BAS GAZSHIR 9 24 0, 96 77 9,980 2453 4 10  Frende insert, ground left BAS GAZSHIR 9 24 0, 96 77 9,980 2453 4 10  Frende insert, ground left BAS GAZSHIR 9 24 0, 96 77 9,980 2453 4 10  Frende insert, ground left BAS GAZSHIR 9 24 0, 96 77 9,980 2453 4 10  Frende insert, ground left BAS GAZSHIR 9 24 0, 96 77 9,980 2453 4 10  Frende insert, ground left BA |   | ·                                      |  |
| Female insert. ground left   | BAS GAZSHLB 24 4,0 50  |   | ·                                      |  |
| Short design (4 marking fields)  | Short design (4 marking fields) Make insert, ground right  |   | ·                                      |  |
| Mele insert. ground right  | Male insert, ground right Ras SAZSNIRS 24 4,0 50 70.9852.483.4 10 Remail insert, ground fielt Ras GAZSNIRS 24 4,0 50 70.9852.2433.4 10 Remail insert, ground left Ras GAZSNIRS 24 4,0 50 70.980.2433.4 10 Remail insert, ground left Ras GAZSNIRS 24 4,0 50 70.980.2433.4 10  Remail insert, ground left Ras GAZSNIRS 24 4,0 50 70.980.2433.4 10  Remail insert, ground left Ras GAZSNIRS 24 4,0 50 70.980.2433.4 10  Remail insert, ground left Ras GAZSNIRS 24 4,0 50 70.980.2433.4 10  Remail insert, ground left Ras GAZSNIRS 24 4,0 50 70.980.2433.4 10  Remail insert, ground left Ras GAZSNIRS 24 4,0 50 70.980.2433.4 10  Remail insert, ground left Ras GAZSNIRS 24 4,0 50 70.980.2433.4 10  Remail insert, ground left Ras GAZSNIRS 24 4,0 50 70.980.2433.4 10  Remail insert, ground left Ras GAZSNIRS 24 4,0 50 70.980.2433.4 10  Remail insert, ground left Ras GAZSNIRS 24 4,0 50 70.980.2433.4 10  Remail insert, ground left Ras GAZSNIRS 24 4,0 50 70.980.2433.4 10  Remail insert, ground left Ras GAZSNIRS 24 4,0 50 70.980.2433.4 10  Remail insert, ground left Ras GAZSNIRS 24 4,0 50 70.980.2433.4 10  Remail insert, ground left Ras GAZSNIRS 24 4,0 50 70.980.2433.4 10  Remail insert, ground left Ras GAZSNIRS 24 4,0 50 70.980.2433.4 10  Remail insert, ground left Ras GAZSNIRS 24 4,0 50 70.980.2433.4 10  Remail insert, ground left Ras GAZSNIRS 24 4,0 50 70.980.2433.4 10  Remail insert, ground left Ras GAZSNIRS 24 4,0 50 70.980.2433.4 10  Remail insert, ground left Ras GAZSNIRS 24 4,0 50 70.980.2433.4 10  Remail insert, ground left Ras GAZSNIRS 24 4,0 50 70.980.2433.4 10  Remail insert, ground left Ras GAZSNIRS 24 4,0 50 70.980.2433.4 10  Remail insert, ground left Ras GAZSNIRS 24 4,0 50 70.980.2433.4 10  Remail insert, ground left Ras GAZSNIRS 24 4,0 50 70.980.2433.4 10  Remail insert, ground left Ras GAZSNIRS 24 4,0 50 70.980.2433.4 10  Remail insert, ground left Ras GAZSNIRS 24 4,0 50 70.980.2433.4 10  Remail insert, ground left Ras GAZSNIRS 24.080.2433.4 10  Remail insert, ground left Ras GAZSNIRS 24.080.2433.4 10  Remail insert, ground left R |   | BAS GAZSHLB 24 4,0 50 70.940.2453.3 10 |  |
| Female insert  | Fernale insert. ground right  BAS GAZSNIB 24 4,0 50 70.945 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24 4,0 50 70.940 2453.4 10  Fernale insert. ground left  BAS GAZSNIB 24. |   |  |  |
| Male insert, ground left   | Male insert, ground left  BAS GAZSNLS 24 4,0 50 70,940,2453.4 10  Fernale insert, ground left  BAS GAZSNLS 24 4,0 50 70,940,2453.4 10  Fechnical data Rated voltage  |   |  |  |
| Technical data   South   | Technical data   South   Sou   | Female insert, ground right                 | BAS GAZSNRB 24 4,0 50 70.945.2453.4 10 |  |
| Technical data   Sou V   | Cechnical data   Sate   Source   Sour   | Male insert, ground left                    | BAS GAZSNLS 24 4,0 50 70.950.2453.4 10 |  |
| Rated voltage   500 V     Rated voltage according to UL/CSA   600 V     Rated impulse voltage   6 kV     Rated current   16 A     Degree of pollution   3     Rated cross section     UL   20-12 AWG     CSA   20-12 AWG     Contacts     Material   Copper alloy     Surface   Sn     Insulation strip length   12 mm     Contact resistance   ± 3 mQ     Mating cycles     Screws   head design / recomm. torque     Mounting screws   H1/0.5 – 0.7 Nm     Clamping screws   H2/12 – 1.6 Nm     Temperature range   -40 + 120 °C     Dimensions     Temperature range   -40 + 120 °C     Temperature range   -40 + 120    | Section   Sect   | Female insert, ground left                  | BAS GAZSNLB 24 4,0 50 70.940.2453.4 10 |  |
| Rated voltage   500 V     Rated voltage according to UL/CSA   600 V     Rated impulse voltage   6 kV     Rated current   16 A     Degree of pollution   3     Rated cross section     UL   20-12 AWG     CSA   20-12 AWG     Contacts     Material   Copper alloy     Surface   Sn     Insulation strip length   12 mm     Contact section   200     Serews   head design / recomm. torque     Mounting screws   H1/0.5 – 0.7 Nm     Clamping screws   H2/1.2 – 1.6 Nm     Temperature range   -40 – +120 °C     Dimensions  | Section   Sect   |   |  |  |
| Rated impulse voltage  | Rated variable voltage   600 V   |   |  |  |
| Rated current  | Skew      | •   |  |  |
| 16 A   Degree of pollution   3   3   3   3   3   3   3   3   3   | 16 A   Degree of pollution   3   Degree of Degree    |   |  |  |
| Degree of pollution         3           Rated cross section         0.5 - 4 mm²           IN 60999         0.5 - 4 mm²           UL         20-12 AWG           CSA         20-12 AWG           Contacts         Copper alloy           Material         Copper alloy           Insulation strip length         12 mm           Contact resistance         a 3 mΩ           Mating cycles         200           Screws         head design / recomm. torque           Mounting screws         H1/0.5 - 0.7 Nm           Clamping screws         M3/0.5 - 0.7 Nm           Ground conductor screws         H2/1.2 - 1.6 Nm           Temperature range         -40 - +120 °C           Dimensions         -40 - +120 °C   | Degree of pollution   3  | Rated impulse voltage                       | 6 kV                                   |  |
| Rated cross section  | Rated cross section  | Rated current                               | 16 A                                   |  |
| EN 60999   0.5 - 4 mm²   | EN 60999  UL  20-12 AWG  CSA  20-12 AWG  Contacts  Material  Copper alloy  Surface  Sn Insulation strip length  Contact resistance  Mating cycles  Serews  head design / recomm. torque Mounting screws  Clamping screws  M3/0.5 − 0.7 Nm  Ground conductor screws  H2/1.2 − 1.6 Nm  Temperature range  Dimensions   | Degree of pollution                         | 3                                      |  |
| UL   20-12 AWG   20-12 AWG   | UL 20-12 AWG CSGA 20-12 AWG Contacts  Material Copper alloy Surface Sn susulation strip length 12 mm Contact resistance \$ 3 mΩ Mating cycles Serews head design / recomm. torque Mounting screws H1/0.5 − 0.7 Nm Clamping screws M3/0.5 − 0.7 Nm Ground conductor screws Femperature range -40 − +120 °C  Dimensions  |   |  |  |
| CSA         20-12 AWG           Contacts         Copper alloy           Material         Copper alloy           Surface         Sn           Insulation strip length         12 mm           Contact resistance         \$ 3 mΩ           Mating cycles         200           Screws         head design / recomm. torque           Mounting screws         H1/0.5 – 0.7 Nm           Clamping screws         M3/0.5 – 0.7 Nm           Ground conductor screws         H2/1.2 – 1.6 Nm           Temperature range         -40 – +120 °C  | Contacts   Copper alloy  | EN 60999                                    | 0.5 – 4 mm²                            |  |
| Contacts         Copper alloy           Material         Copper alloy           Surface         Sn           Insulation strip length         12 mm           Contact resistance         \$ 3 mΩ           Mating cycles         200           Screws         head design / recomm. torque           Mounting screws         H1/0.5 − 0.7 Nm           Clamping screws         M3/0.5 − 0.7 Nm           Ground conductor screws         H2/1.2 − 1.6 Nm           Temperature range         -40 − +120 °C           Dimensions         30 mm   | Contacts           Material         Copper alloy           Surface         Sn           Insulation strip length         12 mm           Contact resistance         s 3 mΩ           Mating cycles         200           Screws         head design / recomm. torque           Mounting screws         H1/0.5 − 0.7 Nm           Clamping screws         M3/0.5 − 0.7 Nm           Ground conductor screws         H2/1.2 − 1.6 Nm           Temperature range         -40 − +120 °C           Dimensions         -40 − +120 °C   | UL  | 20-12 AWG                              |  |
| Contacts         Copper alloy           Material         Copper alloy           Surface         Sn           Insulation strip length         12 mm           Contact resistance         s 3 mΩ           Mating cycles         200           Screws         head design / recomm. torque           Mounting screws         H1/0.5 − 0.7 Nm           Clamping screws         M3/0.5 − 0.7 Nm           Ground conductor screws         H2/1.2 − 1.6 Nm           Temperature range         -40 − +120 °C           Dimensions         30 €   | Contacts         Copper alloy           Material         Copper alloy           Surface         Sn           Insulation strip length         12 mm           Contact resistance         s 3 mΩ           Mating cycles         200           Screws         head design / recomm. torque           Mounting screws         H1/0.5 – 0.7 Nm           Clamping screws         M3/0.5 – 0.7 Nm           Ground conductor screws         H2/1.2 – 1.6 Nm           Temperature range         -40 – +120 °C   | CSA   | 20-12 AWG                              |  |
| Surface  | Surface Insulation strip length I2 mm Contact resistance  Mating cycles Serews head design / recomm. torque Mounting screws Clamping screws M3/0.5 − 0.7 Nm Ground conductor screws H2/1.2 − 1.6 Nm Temperature range Jimensions   | Contacts                                    |  |  |
| Surface         Sn           Insulation strip length         12 mm           Contact resistance         ≤ 3 mΩ           Mating cycles         200           Screws         head design / recomm. torque           Mounting screws         H1/0.5 − 0.7 Nm           Clamping screws         M3/0.5 − 0.7 Nm           Ground conductor screws         H2/1.2 − 1.6 Nm           Temperature range           Dimensions  | Surface Insulation strip length Contact resistance  Mating cycles  Serews  | Material                                    | Copper alloy                           |  |
| Insulation strip length Contact resistance  Mating cycles Screws head design / recomm. torque Mounting screws Clamping screws Ground conductor screws  Temperature range Dimensions  12 mm  ≥ 3 mΩ  Mating cycles Screws H1/0.5 - 0.7 Nm H2/1.2 - 1.6 Nm  − 40 - +120 °C   | 12 mm  | Surface                                     |  |  |
| Contact resistance  Mating cycles  Screws head design / recomm. torque  Mounting screws Clamping screws Ground conductor screws  H1/0.5 − 0.7 Nm  Ground conductor screws H2/1.2 − 1.6 Nm  Temperature range  Dimensions   | SamΩ   |   |  |  |
| Mating cycles   200  | Mating cycles  Serews head design / recomm. torque Mounting screws Clamping screws Ground conductor screws  Temperature range Dimensions  Dimensions   |   |  |  |
| Screws   | Mounting screws  |   |  |  |
| Mounting screws    H1/0.5 - 0.7 Nm   | Mounting screws Clamping screws M3/0.5 – 0.7 Nm Ground conductor screws H2/1.2 – 1.6 Nm Temperature range Dimensions   |   |  |  |
| Clamping screws  M3/0.5 – 0.7 Nm  Ground conductor screws  H2/1.2 – 1.6 Nm  -40 – +120 °C  Dimensions  | Clamping screws Ground conductor screws H2/1.2 - 1.6 Nm Temperature range Dimensions   | 0   | H1/0.5 = 0.7 Nm                        |  |
| Ground conductor screws  H2/1.2 – 1.6 Nm  Temperature range  -40 – +120 °C  Dimensions   | Ground conductor screws  H2/1.2 – 1.6 Nm  Temperature range  -40 – +120 °C  Dimensions   |   |  |  |
| Temperature range  -40 - +120 °C  Dimensions   | Temperature range  -40 - +120 °C  Dimensions   |   |  |  |
| Dimensions   | Dimensions   |   |  |  |
|  |  |   | -40 - 4120 C                           |  |
|  |  |   |  |  |

### 500 V multipole adapter with spring clamp connection

## revos BASIC





6 pole + ground Size 6

Approvals: 📤 🕦 🐠



10 pole + ground Size 10

Approvals: 📤 🕦 🐠

|   | Approvals: 📤 🕦 🏵  | Approvals: 📤 🕦 🥸   |
|---|---|--|
| Description   | Type Part No. Std. Pa                                       | ack Type Part No. Std. Pack  |
| revos BASIC multipole adapter with screw connection |   |  |
| Short design (6 marking fields)                     |   |  |
| Male insert, ground right                           | BAS SAF KR 6 2,5 50 70.116.0653.0                           | 10 BAS SAF KR 10 2,5 50 70.116.1053.0 10                           |
| Female insert, ground right                         | BAS BAF KR 6 2,5 50 70.106.0653.0                           | 10 BAS BAF KR 10 2,5 50 70.106.1053.0 10                           |
| Male insert, ground left                            | BAS SAF KL 6 2,5 50 70.111.0653.0                           | 10 BAS SAF KL 10 2,5 50 70.111.1053.0 10                           |
| Female insert, ground left                          | BAS BAF KL 6 2,5 50 70.101.0653.0                           | 10 BAS BAF KL 10 2,5 50 70.101.1053.0 10                           |
| ·   |   |  |
| Technical data                                      |   |  |
| Rated voltage                                       | 500 V   | 500 V  |
| Rated voltage according to UL/CSA                   | 600 V   | 600 V  |
| Rated impulse voltage                               | 6 kV  | 6 kV   |
| Rated current                                       | 16 A  | 16 A   |
| Degree of pollution                                 | 3   | 3  |
| Rated cross section                                 |   |  |
| EN 60999  | 0.5 – 2.5 mm <sup>2</sup>                                   | 0.5 – 2.5 mm <sup>2</sup>  |
| UL  | 20-12 AWG   | 20-12 AWG  |
| CSA   | 20-12 AWG   | 20-12 AWG  |
| Contacts  |   |  |
| Material  | Copper alloy  | Copper alloy   |
| Surface   | Sn  | Sn   |
| Insulation strip length                             | 9 mm  | 9 mm   |
| Contact resistance                                  | ≤ 3 mΩ  | ≤ 3 mΩ   |
| Mating cycles                                       | 200   | 200  |
| Screws head design / recomm. torque                 | 200   |  |
| Mounting screws                                     | H1/0.5 – 0.7 Nm   | H1/0.5 – 0.7 Nm  |
| Clamping screws                                     | -   | -  |
| Ground conductor screws                             | H2/1.2 – 1.6 Nm   | H2/1.2 – 1.6 Nm  |
| Temperature range                                   | -40 - +120 °C   | -40 - +120 °C  |
| Dimensions  | 10 1120 0   | 10 1120 0  |
|   | 50 34   | 57   |
| Accessories Screwdriver blade "A" 0.6 x 3.5         | Type Part No. Std. Pa<br>DIN 5264 A 0,6 x 3,5 06.502.4000.0 | ack Type Part No. Std. Pack 5 DIN 5264 A 0,6 x 3,5 06.502.4000.0 5 |
|   | Housings for size 6 begin on page 1168                      | Housings for size 10 begin on page 1184                            |

## 500 V multipole adapter with spring clamp connection



16 pole + ground Size 16



24 pole + ground Size 24

|   | Approvals: 📤 🕦 🐠     |                     |        | Approvals: 🞰 🕦 🐠     |                       |           |
|---|----------------------|---------------------|--------|----------------------|-----------------------|-----------|
| Description   | Туре                 | Part No. Std.       | . Pack | Туре                 | Part No.              | Std. Pack |
| revos BASIC multipole adapter with screw connection |                      |                     |        |                      |                       |           |
| Short design (6 marking fields)                     |                      |                     |        |                      |                       |           |
| Male insert, ground right                           | BAS SAF KR 16 2,5 50 | 70.116.1653.0       | 10     | BAS SAF KR 24 2,5 50 | 70.116.24             | 53.0 10   |
| Female insert, ground right                         | BAS BAF KR 16 2,5 50 | 70.106.1653.0       | 10     | BAS BAF KR 24 2,5 50 | 70.106.24             | 53.0 10   |
| Male insert, ground left                            | BAS SAF KL 16 2,5 50 | 70.111.1653.0       | 10     | BAS SAF KL 24 2,5 50 | 70.111.24             | 53.0 10   |
| Female insert, ground left                          | BAS BAF KL 16 2,5 50 | 70.101.1653.0       | 10     | BAS BAF KL 24 2,5 50 | 70.101.24             | 53.0 10   |
|   |                      |                     |        |                      |                       |           |
| Technical data                                      | -                    | 20.14               |        |                      | -00.1/                |           |
| Rated voltage                                       |                      | 00 V                |        |                      | 500 V                 |           |
| Rated voltage according to UL/CSA                   |                      | 00 V                |        |                      | 600 V                 |           |
| Rated impulse voltage                               |                      | S kV                |        |                      | 6 kV                  |           |
| Rated current                                       | 1                    | 6 A                 |        |                      | 16 A                  |           |
| Degree of pollution                                 |                      | 3                   |        |                      | 3                     |           |
| Rated cross section                                 |                      |                     |        |                      |                       |           |
| EN 60999  |                      | 2.5 mm <sup>2</sup> |        |                      | - 2.5 mm <sup>2</sup> |           |
| UL  |                      | 2 AWG               |        |                      | 12 AWG                |           |
| CSA   | 20-1:                | 2 AWG               |        | 20-                  | 12 AWG                |           |
| Contacts  |                      |                     |        |                      |                       |           |
| Material  |                      | per alloy           |        | Сор                  | per alloy             |           |
| Surface   |                      | Sn                  |        |                      | Sn                    |           |
| Insulation strip length                             | 9                    | mm                  |        | (                    | 9 mm                  |           |
| Contact resistance                                  | ≤ 3                  | 3 mΩ                |        | ≤ 3 mΩ               |                       |           |
| Mating cycles                                       | 2                    | 200                 |        | 200                  |                       |           |
| Screws head design / recomm. torque                 |                      |                     |        |                      |                       |           |
| Mounting screws                                     | H1/0.5               | – 0.7 Nm            |        | H1/0.                | 5 – 0.7 Nm            |           |
| Clamping screws                                     |                      | -                   |        |                      | _                     |           |
| Ground conductor screws                             | H2/1.2               | – 1.6 Nm            |        |                      | 2 – 1.6 Nm            |           |
| Temperature range                                   | -40 -                | +120 °C             |        | -40 -                | - +120 °C             |           |
| Dimensions  |                      |                     |        |                      |                       |           |
|   | 83<br>83<br>77,5     | 34                  | 83     |                      | 89                    | 34        |
|   | Type                 | Part No. Std.       | . Pack | Type                 | Part No.              | Std. Pack |
| Accessories Screwdriver blade "A" 0.6 x 3.5         | DIN 5264 A 0,6 x 3,5 | 06.502.4000.0       | 5      | DIN 5264 A 0,6 x 3,5 | 06.502.40             |           |







### 3 pole + 2 switching contacts + ground Size 10





|   | Approvals: 📤 🕦 🐠 🌑                      | Approvals: 📤 🕦 🐠 🌑  |  |  |
|---|---|---|--|--|
| Description                                 | Type Part No. Std. Pack                 | Type Part No. Std. Pack                                   |  |  |
| Contact inserts for revos BASIC 690 / 400 V |   |   |  |  |
| Male insert                                 | BAS STS 3 2,5 64 70.410.0340.0 10       | BAS STS 6 2,5 64 70.410.0640.0 10                         |  |  |
| Female insert                               | BAS BUS 3 2,5 64 70.400.0340.0 10       | BAS BUS 6 2,5 64 70.400.0640.0 10                         |  |  |
| Derating curves                             | See page 1343                           | See page 1343   |  |  |
| Technical data                              |   |   |  |  |
| Rated voltage                               | L-L 690 V/L-PE 400 V                    | L-L 690 V/L-PE 400 V                                      |  |  |
| Rated voltage according to UL/CSA           | 600 V                                   | 600 V   |  |  |
| Rated impulse voltage                       | 6 kV                                    | 6 kV  |  |  |
| Rated current                               | 16 A                                    | 16 A  |  |  |
| Degree of pollution                         | 3                                       | 3   |  |  |
| Rated cross section                         | Ü                                       | <u> </u>  |  |  |
| EN 60999                                    | 0.5 – 2.5 mm <sup>2</sup>               | 0.5 – 2.5 mm <sup>2</sup>                                 |  |  |
| UL EN 60999                                 | 20-12 AWG                               | 20-12 AWG   |  |  |
|   |   |   |  |  |
| CSA   | 20-12 AWG                               | 20-12 AWG   |  |  |
| Contacts                                    | Canaci - II                             | Commental   |  |  |
| Material                                    | Copper alloy                            | Copper alloy  |  |  |
| Surface                                     | Sn                                      | Sn  |  |  |
| Insulation strip length                     | 7                                       | 7   |  |  |
| Contact resistance                          | ≤ 1.5 mΩ                                | ≤ 1.5 mΩ  |  |  |
| Mating cycles                               | 200                                     | 200   |  |  |
| Screws head design / recomm. torque         |   |   |  |  |
| Mounting screws                             | H1/0.5 – 0.7 Nm                         | H1/0.5 – 0.7 Nm   |  |  |
| Clamping screws                             | H1/0.5 – 0.7 Nm                         | H1/0.5 – 0.7 Nm   |  |  |
| Ground conductor screws                     | H2/1.2 – 1.6 Nm                         | H2/1.2 – 1.6 Nm   |  |  |
| Temperature range                           | -40 - +120 °C                           | -40 - +120 °C   |  |  |
|   | 63<br>34<br>57<br>27<br>27              | 777,5<br>77,5<br>10 10 10 10 10 10 10 10 10 10 10 10 10 1 |  |  |
| X = shortened switching contacts            | Housings for size 10 begin on page 1188 | Housings for size 16 begin on page 1220                   |  |  |





## 10 pole + 2 switching contacts + ground Size 24

16 pole + 2 switching contacts + ground Size 24

Si Milliani

|   | Size 24 Approvals: 🎰 🔊 🏵 🚱                            | Size 24 Approvals: 🎰 🕦 🏵 🚱  |  |  |  |
|---|---|---|--|--|--|
| Description                                 | Type Part No. Std. Pack                               | Type Part No. Std. Pack   |  |  |  |
| Contact inserts for revos BASIC 690 / 400 V |   |   |  |  |  |
| Male insert                                 | BAS STS 10 2,5 64 70.410.1040.0 10                    | BAS STS 16 2,5 64 70.410.1640.0 10  |  |  |  |
| Female insert                               | BAS BUS 10 2,5 64 70.400.1040.0 10                    | BAS BUS 16 2,5 64 70.400.1640.0 10  |  |  |  |
|   |   |   |  |  |  |
| Derating curves                             | See page 1343   | See page 1343   |  |  |  |
| Technical data                              |   |   |  |  |  |
| Rated voltage                               | L-L 690 V/L-PE 400 V                                  | L-L 690 V/L-PE 400 V  |  |  |  |
| Rated voltage according to UL/CSA           | 600 V   | 600 V   |  |  |  |
| Rated impulse voltage                       | 6 kV  | 6 kV  |  |  |  |
| Rated current                               | 16 A  | 16 A  |  |  |  |
| Degree of pollution                         | 3   | 3   |  |  |  |
| Rated cross section                         |   |   |  |  |  |
| EN 60999                                    | 0.5 – 2.5 mm <sup>2</sup>                             | 0.5 – 2.5 mm <sup>2</sup>   |  |  |  |
| UL  | 20-12 AWG   | 20-12 AWG   |  |  |  |
| CSA   | 20-12 AWG   | 20-12 AWG   |  |  |  |
| Contacts                                    |   |   |  |  |  |
| Material                                    | Copper alloy  | Copper alloy  |  |  |  |
| Surface                                     | Sn  | Sn  |  |  |  |
| Insulation strip length                     | 7   | 7   |  |  |  |
| Contact resistance                          | ≤ 1.5 mΩ  | ≤ 1.5 mΩ  |  |  |  |
| Mating cycles                               | 200   | 200   |  |  |  |
| Screws head design / recomm. torque         |   |   |  |  |  |
| Mounting screws                             | H1/0.5 – 0.7 Nm                                       | H1/0.5 – 0.7 Nm   |  |  |  |
| Clamping screws                             | H1/0.5 – 0.7 Nm                                       | H1/0.5 – 0.7 Nm   |  |  |  |
| Ground conductor screws                     | H2/1.2 – 1.6 Nm                                       | H2/1.2 – 1.6 Nm   |  |  |  |
| Temperature range                           | -40 - +120 °C   | -40 - +120 °C   |  |  |  |
| Dimensions                                  |   |   |  |  |  |
|   | 110<br>104<br>27<br>104<br>27<br>27<br>27<br>27<br>27 | 110<br>104<br>27<br>104<br>27<br>27<br>27<br>27<br>27<br>27<br>27<br>27<br>27<br>27 |  |  |  |
| X = shortened switching contacts            | Housings for size 24 begin on page 1252               | Housings for size 24 begin on page 1252   |  |  |  |









### 20 pole + 2 switching contacts + ground Size 48

Approvals: 📤 🗫 🏵 🍪

26 pole + 2 switching contacts + ground Size 48

Approvals: 📤 🕦 🏵 🛞

| Approvals: 📤 🕦 🥨 💮                | Approvals: 📤 🕦 🥨 🚱   |  |  |
|-----------------------------------|--|--|--|
| Type Part No. Std. Pack           | Type Part No. Std. Pack  |  |  |
|                                   |  |  |  |
| BAS STS 20 2,5 64 70.410.2040.0 5 | BAS STS 26 2,5 64 70.410.2640.0 5  |  |  |
| BAS BUS 20 2,5 64 70.400.2040.0 5 | BAS BUS 26 2,5 64 70.400.2640.0 5  |  |  |
| Soo page 1242                     | See page 1343  |  |  |
| See page 1343                     | See page 1343  |  |  |
| L L COO V / L DE 400 V            | L L 600 V/L PE 400 V   |  |  |
|                                   | L-L 690 V/L-PE 400 V   |  |  |
|                                   | 600 V  |  |  |
|                                   | 6 kV   |  |  |
|                                   | 16 A   |  |  |
| 3                                 | 3  |  |  |
|                                   |  |  |  |
|                                   | 0.5 – 2.5 mm <sup>2</sup>  |  |  |
|                                   | 20-12 AWG  |  |  |
| 20-12 AWG                         | 20-12 AWG  |  |  |
|                                   |  |  |  |
| Copper alloy                      | Copper alloy   |  |  |
| Sn                                | Sn   |  |  |
| 7                                 | 7  |  |  |
| ≤ 1.5 mΩ                          | ≤ 1.5 mΩ   |  |  |
| 200                               | 200  |  |  |
|                                   |  |  |  |
| H1/0.5 – 0.7 Nm                   | H1/0.5 – 0.7 Nm  |  |  |
|                                   | H1/0.5 – 0.7 Nm  |  |  |
| ·                                 | H2/1.2 – 1.6 Nm  |  |  |
|                                   | -40 - +120 °C  |  |  |
| 10 1120 0                         | 10 1120 0  |  |  |
| X                                 | X  |  |  |
|                                   | Type Part No. Std. Pack  BAS STS 20 2,5 64 70.410.2040.0 5  BAS BUS 20 2,5 64 70.400.2040.0 5  See page 1343  L-L 690 V/L-PE 400 V 600 V 6 kV 16 A 3  0.5 − 2.5 mm² 20-12 AWG 20-12 AWG  Copper alloy Sn 7 ≤ 1.5 mΩ 200  H1/0.5 − 0.7 Nm H1/0.5 − 0.7 Nm H1/0.5 − 0.7 Nm H2/1.2 − 1.6 Nm −40 − +120 °C |  |  |

Housings for size 48 begin on page 1264

X = shortened switching contacts

Housings for size 48 begin on page 1264





## 32 pole + 2 switching contacts + ground Size 48

Approvals: 📤 🕦 🐠 🍪

| Type   |   | Approvals: 📤 🕦 🏈                                 |  |
|--|---|--|--|
| Contact Inserts for revoe 840c 690/400 V   | Description                               |  |  |
| Derating curves  | Contact inserts for revos BASIC 690/400 V |  |  |
| Derating curves  | Male insert                               | BAS STS 32 2,5 64 70.410.3240.0 5                |  |
| Derating curves  | Female insert                             |  |  |
| Technical date   |   |  |  |
| Technical data   Rated voltage   Rated voltage according to UL/CSA   600 V   Rated impulse voltage   6 kV   Rated current   16 A   Degree of pollution   3   Rated impulse voltage   Rated current   16 A   Degree of pollution   3   Rated impulse voltage   Rated current   16 A   Degree of pollution   3   Rated current   Rated cross section   R. 80989   0.5 - 2.5 mm²   UL   20-12 AWG   CSA   20-12 AWG   Contact S   Compare allow   Surface   Sn   Insulation strip length   7   Contact resistance   4.1.5 mΩ   Making cycles   200   Serews   head design / recomm. torque   Rated current   Ra | Derating curves                           | See page 1343                                    |  |
| Rated virtuals according to UL/CSA  Rated current  16 A  Degree of pollution  3  Rated orans section  EN 60999  0.5 - 2.5 mm²  UL  2012 AWG  CSA  20-12 AWG  COntacts  Material  Corper alloy  Surface  Sn  Insulation strip length  7  Contact resistance  200  Serews head design / recomm, torque  Muoriting screws  H1/0.5 - 0.7 Nm  Clamping screws H1/0.5 - 0.7 Nm  Ground conductor screws H2/1.2 - 1.6 Nm  Temperature range Dimensions  X = shortened switching contacts  | Technical data                            |  |  |
| Rated virtuals according to UL/CSA  Rated current  16 A  Degree of pollution  3  Rated orans section  EN 60999  0.5 - 2.5 mm²  UL  2012 AWG  CSA  20-12 AWG  COntacts  Material  Corper alloy  Surface  Sn  Insulation strip length  7  Contact resistance  200  Serews head design / recomm, torque  Muoriting screws  H1/0.5 - 0.7 Nm  Clamping screws H1/0.5 - 0.7 Nm  Ground conductor screws H2/1.2 - 1.6 Nm  Temperature range Dimensions  X = shortened switching contacts  | Rated voltage                             | L-L 690 V/L-PE 400 V                             |  |
| Rated current   16 A   16    |   |  |  |
| 16 A   Degree of pollution   3   3   |   | 6 kV   |  |
| Degree of pollution         3           Reted cross section         0.5 - 2.5 mm²           EN 60999         0.5 - 2.5 mm²           UL         20-12 AWG           CSA         20-12 AWG           Cantacts         Copper alloy           Material         Copper alloy           Surface         Sn           Insulation strip length         7           Contact resistance         \$1.5 mΩ           Mating cycles         200           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           Temperature range         -40 - +120 °C           Dimensions         -40 - +120 °C  |   |  |  |
| Rated rorss section         0.5 − 2.5 mm²           UL         20-12 AWG           CSA         20-12 AWG           Contacts         Copper alloy           Surface         Sn           Insulation strip length         7           Contact resistance         ≤ 1.5 mΩ           Mating cycles         200           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           Temperature range         -40 − +120 °C           Dimensions         August 1.2 mm           X = shortened switching contacts  |   |  |  |
| EN 60999  UL  20-12 AWG  CSA  20-12 AWG  Contacts  Material  Copper alloy  Surface  Sn Insulation strip length  Contact resistance  \$1.5 mΩ  Mating cycles  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  Temperature range  Dimensions  X = shortened switching contacts   |   |  |  |
| UL 20-12 AWG CSA 20-12 AWG Contacts  Material Copper alloy Surface Sn Insulation strip length 7 Contact resistance  \$ 1.5 mΩ Material ye/les 200  Screws head design / recomm. torque Mounting screws Clamping screws H1/0.5 − 0.7 Nm Clamping screws H1/0.5 − 0.7 Nm Temperature range  Temperature range  J-40 − +120 °C  X = shortened switching contacts  |   | 0.5 – 2.5 mm <sup>2</sup>                        |  |
| Contacts  Material  Surface  Sn Insulation strip length  7 Contact resistance  4 1.5 mΩ  Mating cycles  Serews  Meand design / recomm. torque  Mounting screws  Ground conductor screws  12/1.2 − 1.6 Nm  Temperature range  Dimensions  X = shortened switching contacts  |   |  |  |
| Contacts         Copper alloy           Surface         Sn           Insulation strip length         7           Contact resistance         \$1.5 mg           Mating cycles         200           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           Temperature range         -40 – +120 °C     **Tomperature range  **A0 – +120 °C  **Tomperature range**  **Tomperature range**  **A0 – +120 °C  **Tomperature range**  *   |   |  |  |
| Surface   Sn   Sn   Sn   Sn   Sn   Sn   Sn   S   |   | 20.27.00   |  |
| Surface         Sn           Insulation strip length         7           Contact resistance         ≤1.5 mΩ           Mating cycles         200           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           Temperature range           Dimensions         -40 – +120 °C    X = shortened switching contacts   |   | Copper allov                                     |  |
| Insulation strip length   7   Contact resistance   ≤ 1.5 mΩ  |   |  |  |
| Contact resistance         ≤ 1.5 mQ           Mating cycles         200           Screws         head design / recomm. torque           Mounting screws         H1/0.5 - 0.7 Nm           Clamping screws         H1/1.2 - 1.6 Nm           Temperature range         -40 - +120 °C           Dimensions         -40 - +120 °C   |   |  |  |
| Mating cycles   200  |   |  |  |
| Mounting screws  |   |  |  |
| Mounting screws  |   | 200  |  |
| Clamping screws  |   | H1/0.5 – 0.7 Nm                                  |  |
| Ground conductor screws  Temperature range  -40 - +120 °C  Dimensions   X = shortened switching contacts   |   |  |  |
| Temperature range Dimensions   |   |  |  |
| Dimensions  X = shortened switching contacts   |   |  |  |
| X = shortened switching contacts   |   | -40 - T120 C                                     |  |
|  |   | X 12 0 1 2 2 2 2 0 1 2 0 1 2 1 2 1 2 2 1 2 2 2 2 |  |
| wieland  | X = shortened switching contacts          | Housings for size 48 begin on page 1264          |  |

### 500 V multipole adapter with screw connection for the 690 / 400 V series

## revos BASIC



The multipole adapters of this series are compatible with the contact inserts of the 690/400 V series. The contact inserts can be found on page 1070. When a multipole adapter is used, the rated voltage of the connection is reduced to 500 V.



#### 



6 pole + 2 switching contacts + ground Size 16

| Approvals: | VDE | <i>9</i> 1 | <b>(1)</b> | eņe — | <i>€</i> |
|------------|-----|------------|------------|-------|----------|
|            |     |            |            |       |          |

|   | Approvais.          | $\smile$ $\textcircled{9}$ |         |                 |  | / 🕲               |           |
|---|---------------------|----------------------------|---------|-----------------|--|-------------------|-----------|
| Description   | Туре                | Part No. Sto               | d. Pack | Туре            |  | Part No.          | Std. Pack |
| revos BASIC multipole adapter with screw connection |                     |                            |         |                 |  |                   |           |
| Long design (6 marking fields)                      |                     |                            |         |                 |  |                   |           |
| Male insert, ground right                           | BAS SAS LR 3 4,0 64 | 70.135.0353.3              | 10      | BAS SAS LR      | 6 4,0 64                                   | 70.135.0653       | .3 10     |
| Female insert, ground right                         | BAS BAS LR 3 4,0 64 | 70.125.0353.3              | 10      | BAS BAS LR      | 6 4,0 64                                   | 70.125.0653       | .3 10     |
| Male insert, ground left                            | BAS SAS LL 3 4,0 64 | 70.130.0353.3              | 10      | BAS SAS LL      | 6 4,0 64                                   | 70.130.0653       | .3 10     |
| Female insert, ground left                          | BAS BAS LL 3 4,0 64 | 70.120.0353.3              | 10      | BAS BAS LL      | 6 4,0 64                                   | 70.120.0653       | .3 10     |
| Short design (4 marking fields)                     | ,                   |                            |         |                 |  |                   |           |
| Male insert, ground right                           | BAS SAS KR 3 4,0 64 | 70.135.0353.4              | 10      | BAS SAS KR      | 6 4,0 64                                   | 70.135.0653       | .4 10     |
| Female insert, ground right                         | BAS BAS KR 3 4,0 64 | 70.125.0353.4              | 10      | BAS BAS KR      |  | 70.125.0653       |           |
| Male insert, ground left                            | BAS SAS KL 3 4,0 64 | 70.130.0353.4              | 10      | BAS SAS KL      |  | 70.130.0653       |           |
| Female insert, ground left                          | BAS BAS KL 3 4,0 64 | 70.120.0353.4              | 10      | BAS BAS KL      |  | 70.120.0653       |           |
|   |                     |                            |         |                 |  |                   |           |
| Technical data                                      |                     |                            |         |                 |  |                   |           |
| Rated voltage                                       | 5                   | 500 V                      |         |                 | 50   | 0 V               |           |
| Rated voltage according to UL/CSA                   |                     | 600 V                      |         |                 |  | 0 V               |           |
| Rated impulse voltage                               |                     | 6 kV                       |         |                 |  | kV                |           |
| Rated current                                       |                     | 16 A                       |         |                 |  | 6 A               |           |
| Degree of pollution                                 |                     | 3                          |         |                 |  | 3                 |           |
| Rated cross section                                 |                     | <u> </u>                   |         |                 |  | <u> </u>          |           |
| EN 60999  | ٨٢                  | - 4 mm <sup>2</sup>        |         |                 | 0.5  | 4 mm <sup>2</sup> |           |
| UL  |                     |                            |         |                 |  | 4 mm²<br>? AWG    |           |
| CSA   | 20-12 AWG           |                            |         |                 |  | AWG<br>AWG        |           |
| Contacts  | 20-12 AWG           |                            |         |                 | 20-12                                      | DVVA              |           |
|   | 0                   | a a r alla.                |         |                 | C  | az allau          |           |
| Material Surface                                    |                     | per alloy<br>Sn            |         | Copper alloy Sn |  |                   |           |
|   |                     |                            |         |                 |  |                   |           |
| Insulation strip length                             |                     | 2 mm                       |         | 12 mm<br>≤ 3 mΩ |  |                   |           |
| Contact resistance                                  |                     | 3 mΩ                       |         |                 |  |                   |           |
| Mating cycles                                       |                     | 200                        |         |                 | 2  | 00                |           |
| Screws head design / recomm. torque                 |                     |                            |         |                 |  |                   |           |
| Mounting screws                                     |                     | 5 – 0.7 Nm                 |         |                 |  | – 0.7 Nm          |           |
| Clamping screws                                     |                     | 5 – 0.7 Nm                 |         |                 |  | – 0.7 Nm          |           |
| Ground conductor screws                             |                     | 2 – 1.6 Nm                 |         |                 |  | – 1.6 Nm          |           |
| Temperature range                                   | -40 - +120 °C       |                            |         |                 | -40  | ⊦120 °C           |           |
| Dimensions  | 63                  | . 34 .                     |         |                 | 83   | 3/                |           |
|   | 57                  | 88 001                     |         |                 | 77,5                                       | 27                | 001       |
|   | 63                  | 34<br>88<br>89<br>27       |         |                 | 83<br>000000000000000000000000000000000000 | 34                | 83        |

Housings for size 10 begin on page 1190

Housings for size 16 begin on page 1222

### 500 V multipole adapter with screw connection for the 690/400 V series





The multipole adapters of this series are compatible with the contact inserts of the 690/400 V series. The contact inserts can be found on page 1071. When a multipole adapter is used, the rated voltage of the connection is reduced to 500 V.

## 10 pole + 2 switching contacts + ground Size 24

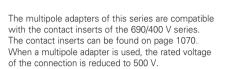
Approvals: 📤 🔊 🍪

| of the connection is reduced to 500 V.              | Approvals: 📤 🕦 🏵 🛞                      |  |
|---|---|--|
| Description   | Type Part No. Std. Pack                 |  |
| revos BASIC multipole adapter with screw connection |   |  |
| Long design (6 marking fields)                      |   |  |
| Male insert, ground right                           | BAS SAS LR 10 4,0 64 70.135.1053.3 10   |  |
| Female insert, ground right                         | BAS BAS LR 10 4,0 64 70.125.1053.3 10   |  |
| Male insert, ground left                            | BAS SAS LL 10 4,0 64 70.130.1053.3 10   |  |
| Female insert, ground left                          | BAS BAS LL 10 4,0 64 70.120.1053.3 10   |  |
| Short design (4 marking fields)                     | 5/10 5/10 22 10 1/0 01 /01/201100010 10 |  |
| Male insert, ground right                           | BAS SAS KR 10 4,0 64 70.135.1053.4 10   |  |
| Female insert, ground right                         | BAS BAS KR 10 4,0 64 70.125.1053.4 10   |  |
| Male insert, ground left                            | BAS SAS KL 10 4,0 64 70.130.1053.4 10   |  |
| Female insert, ground left                          | BAS BAS KL 10 4,0 64 70.120.1053.4 10   |  |
| ground to the                                       |   |  |
|   |   |  |
| Technical data                                      |   |  |
| Rated voltage                                       | 500 V                                   |  |
| Rated voltage according to UL/CSA                   | 600 V                                   |  |
| Rated impulse voltage                               | 6 kV                                    |  |
| Rated current                                       | 16 A                                    |  |
| Degree of pollution                                 | 3                                       |  |
| Rated cross section                                 | 5                                       |  |
| EN 60999  | 0.5 – 4 mm <sup>2</sup>                 |  |
| UL UL   | 20-12 AWG                               |  |
| CSA   | 20-12 AWG                               |  |
| Contacts  | 20-12 AVVG                              |  |
| Material  | Copper allow                            |  |
| Surface   | Copper alloy Sn                         |  |
|   |   |  |
| Insulation strip length                             | 12 mm                                   |  |
| Contact resistance                                  | ≤ 3 mΩ                                  |  |
| Mating cycles                                       | 200                                     |  |
| Screws head design / recomm. torque                 | 114/05 071                              |  |
| Mounting screws                                     | H1/0.5 – 0.7 Nm                         |  |
| Clamping screws                                     | M3/0.5 – 0.7 Nm                         |  |
| Ground conductor screws                             | H2/1.2 – 1.6 Nm                         |  |
| Temperature range                                   | -40 – +120 °C                           |  |
| Dimensions  |   |  |
|   | 10 <i>A</i> 27                          |  |
|   | Housings for size 24 begin on page 1254 |  |

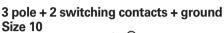
# Sets with 2 components for the 690/400 V series with screw connection 500 V multipole adapter, single locking lever and base

revos BASIC















6 pole + 2 switching contacts + ground Size 16

| Approvals: 📤 🕦 🤀 🌦 | ⇔ ( | ● 🕀 | (1) | <i>R</i> I | VDE | Approvals: |
|--------------------|-----|-----|-----|------------|-----|------------|
|--------------------|-----|-----|-----|------------|-----|------------|

| the connection is reduced to 500 V.                 | Approvais: 🔤 70 @ 🦯  | √ <b>(b)</b>        |         | Approvais: Approvais | $\smile$ (b)        |           |
|---|----------------------|---------------------|---------|----------------------|---------------------|-----------|
| Description   | Туре                 |                     | d. Pack | Type                 | Part No.            | Std. Pac  |
| revos BASIC multipole adapter with screw connection | ,,                   |                     |         | ,,                   |                     |           |
| + base with single locking lever                    |                      |                     |         |                      |                     |           |
| Long design (6 marking fields)                      |                      |                     |         |                      |                     |           |
| Male insert, ground right                           | BAS GAESHRS 3 4,0 64 | available on requ   | uest    | BAS GAESHRS 6 4,0 64 | 71.975.06           | 53.3 10   |
| Female insert, ground right                         | BAS GAESHRB 3 4,0 64 | 71.965.0353.3       | 10      | BAS GAESHRB 6 4,0 64 | available o         | n request |
| Male insert, ground left                            | BAS GAESHLS 3 4,0 64 | available on requ   | uest    | BAS GAESHLS 6 4,0 64 | 71.970.06           | 53.3 10   |
| Female insert, ground left                          | BAS GAESHLB 3 4,0 64 | 71.960.0353.3       | 10      | BAS GAESHLB 6 4,0 64 | 71.960.06           | 53.3 10   |
| Short design (4 marking fields)                     |                      |                     |         |                      |                     |           |
| Male insert, ground right                           | BAS GAESNRS 3 4,0 64 | 71.975.0353.4       | 10      | BAS GAESNRS 6 4,0 64 | 71.975.06           | 53.4 10   |
| Female insert, ground right                         | BAS GAESNRB 3 4,0 64 | 71.965.0353.4       | 10      | BAS GAESNRB 6 4,0 64 | 71.965.06           | 53.4 10   |
| Male insert, ground left                            | BAS GAESNLS 3 4,0 64 | 71.970.0353.4       | 10      | BAS GAESNLS 6 4,0 64 | 71.970.06           | 53.4 10   |
| Female insert, ground left                          | BAS GAESNLB 3 4,0 64 | 71.960.0353.4       | 10      | BAS GAESNLB 6 4,0 64 | 71.960.06           | 53.4 10   |
| Technical data                                      |                      |                     |         |                      |                     |           |
| Rated voltage                                       |                      | 00 V                |         | 5                    | 00 V                |           |
| Rated voltage  Rated voltage according to UL/CSA    |                      | 00 V                |         |                      | 00 V                |           |
| Rated impulse voltage                               |                      | 6 kV                |         |                      | 6 kV                |           |
| Rated current                                       |                      | 16 A                |         |                      | 16 A                |           |
| Degree of pollution                                 |                      | 3                   |         |                      | 3                   |           |
| Rated cross section                                 |                      | <u> </u>            |         |                      | J                   |           |
| EN 60999  | ٨٤                   | 2.5 mm <sup>2</sup> |         | ٨٤                   | 2.5 mm <sup>2</sup> |           |
| UL  |                      | 2 AWG               |         |                      | 2 AWG               |           |
| CSA   |                      | 2 AWG               |         |                      | 2 AWG               |           |
| Contacts  | 20-1                 | ZAVVG               |         | 20-1                 | ZAVVG               |           |
| Material  | Conr                 | per alloy           |         | Con                  | per alloy           |           |
| Surface   | СОР                  | Sn Sn               |         | Сор                  | Sn Sn               |           |
| Insulation strip length                             | ٥                    | mm                  |         | 0                    | mm                  |           |
| Contact resistance                                  |                      | 3 mΩ                |         |                      | 3 mΩ                |           |
| Mating cycles                                       |                      | 200                 |         |                      | 200                 |           |
| Screws head design / recomm. torque                 |                      | 200                 |         |                      | 200                 |           |
| Mounting screws                                     | ∐1/∩ E               | 5 – 0.7 Nm          |         | U1/∩ F               | – 0.7 Nm            |           |
| Clamping screws                                     |                      | 5 – 0.7 Nm          |         |                      | – 0.7 Nm            |           |
| Ground conductor screws                             |                      | 2 – 1.6 Nm          |         |                      | ! – 1.6 Nm          |           |
| Temperature range                                   |                      | +120 °C             |         |                      | +120 °C             |           |
| Dimensions  | -40 -                | +120 °C             |         | -40 -                | +120 °C             |           |
|   | X                    | >                   | 15      | X                    |                     | (         |

X = shortened switching contacts

## Sets with 2 components for the 690/400 V series with screw connection 500 V multipole adapter, single locking lever and base



The multipole adapters of this series are compatible with the contact inserts of the 690/400 V series. The contact inserts can be found on page 1070. When a multipole adapter is used, the rated voltage of the connection is reduced to 500 V.



10 pole + 2 switching contacts + ground Size 24

Approvals: 📤 🕦 🏵 🛞

| f the connection is reduced to 500 V.               | Approvals: 🖦 🕦 🥨 😂                         |           |
|---|--|-----------|
| Description   | Type Part No. Std. Pack                    |           |
| revos BASIC multipole adapter with screw connection |  |           |
| + base with single locking lever                    |  |           |
| Long design (6 marking fields)                      |  |           |
| Male insert, ground right                           | BAS GAESHRS 10 4,0 64 71.975.1053.3 10     |           |
| Female insert, ground right                         | BAS GAESHRB 10 4,0 64 available on request |           |
| Male insert, ground left                            | BAS GAESHLS 10 4,0 64 71.970.1053.3 10     |           |
| Female insert, ground left                          | BAS GAESHLB 10 4,0 64 71.960.1053.3 10     |           |
| Short design (4 marking fields)                     |  |           |
| Male insert, ground right                           | BAS GAESNRS 10 4,0 64 71.975.1053.4 10     |           |
| Female insert, ground right                         | BAS GAESNRB 10 4,0 64 71.965.1053.4 10     |           |
| Male insert, ground left                            | BAS GAESNLS 10 4,0 64 71.970.1053.4 10     |           |
| Female insert, ground left                          | BAS GAESNLB 10 4,0 64 71.960.1053.4 10     |           |
| Technical data                                      |  |           |
| Rated voltage                                       | 500 V                                      |           |
| Rated voltage according to UL/CSA                   | 600 V                                      |           |
| Rated impulse voltage                               | 6 kV                                       |           |
| Rated current                                       | 16 A                                       |           |
| Degree of pollution                                 | 3  |           |
| Rated cross section                                 |  |           |
| EN 60999  | 0.5 – 2.5 mm <sup>2</sup>                  |           |
| UL  | 20-12 AWG                                  |           |
| CSA   | 20-12 AWG                                  |           |
| Contacts  |  |           |
| Material  | Copper alloy                               |           |
| Surface   | Sn   |           |
| Insulation strip length                             | 9 mm                                       |           |
| Contact resistance                                  | ≤ 3 mΩ                                     |           |
| Mating cycles                                       | 200  |           |
| 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                            |           |
| Temperature range                                   | -40 - +120 °C                              |           |
| Dimensions  |  |           |
|   |  |           |
|   | X X  |           |
| X = shortened switching contacts                    | ₩  | wieland 1 |