



Page 11-4

**GA SERIES  
16A TO 160A (AC21A)**

- Switch disconnectors with direct operating handle and door coupling version
- Switch disconnectors door mount version
- Switch disconnectors in non-metallic enclosure
- Changeover switches in non-metallic enclosure.



Page 11-16

**GE SERIES  
50A TO 1600A (AC21A)**

- Three and four-pole switch disconnectors
- Three and four-pole switch disconnectors with NFC, NH and BS type fuse holders
- Three and four-pole changeover switches; add-on motorised control unit available.



Page 11-24

**FOR PHOTOVOLTAIC APPLICATIONS  
UP TO 850A 1000VDC (DC21B)**

- Direct operating and door coupling versions
- Switch disconnectors in non-metallic enclosure.



- 16A to 1600A ratings
- Versions: direct operating handle, door coupling, door mount and in plastic enclosure
- Wide range of accessories
- Types for photovoltaic applications up to 850A 1000VDC (DC21B)
- Changeover switches in polycarbonate enclosure.

## GA series 16A to 160A

SEC. - PAGE

|                                                        |         |
|--------------------------------------------------------|---------|
| Three-pole switch disconnectors .....                  | 11 - 4  |
| Fourth pole add on.....                                | 11 - 4  |
| Add-on blocks and accessories .....                    | 11 - 5  |
| Empty enclosures .....                                 | 11 - 11 |
| Enclosed switch disconnectors .....                    | 11 - 12 |
| Enclosed changeover switches .....                     | 11 - 14 |
| <b>GE series 50A to 1600A</b>                          |         |
| Three-pole switch disconnectors .....                  | 11 - 16 |
| Three-pole switch disconnectors with fuse holder ..... | 11 - 16 |
| Four-pole switch disconnectors .....                   | 11 - 17 |
| Four-pole switch disconnectors with fuse holder .....  | 11 - 17 |
| Three-pole changeover switches .....                   | 11 - 18 |
| Four-pole changeover switches .....                    | 11 - 18 |
| Add-on blocks and accessories .....                    | 11 - 19 |
| <b>For photovoltaic applications</b> .....             | 11 - 24 |
| <b>Dimensions</b> .....                                | 11 - 26 |
| <b>Wiring diagrams</b> .....                           | 11 - 30 |
| <b>Technical characteristics</b> .....                 | 11 - 32 |

### GA series 16A to 160A



| AC21A                                    | DIRECT OPERATING HANDLE AND DOOR COUPLING VERSION |     |     |     |     |                  |     |      |      |      | DOOR MOUNT VERSION |     |     |     |                  |     |      |      |
|------------------------------------------|---------------------------------------------------|-----|-----|-----|-----|------------------|-----|------|------|------|--------------------|-----|-----|-----|------------------|-----|------|------|
|                                          | 36mm/1.42" width                                  |     |     |     |     | 70mm/2.75" width |     |      |      |      | 36mm/1.42" width   |     |     |     | 70mm/2.75" width |     |      |      |
|                                          | 16A                                               | 25A | 32A | 40A | 63A | 63A              | 80A | 100A | 125A | 160A | 16A                | 25A | 32A | 40A | 63A              | 80A | 100A | 125A |
| Three pole                               | ●                                                 | ●   | ●   | ●   | ●   | ●                | ●   | ●    | ●    | ●    | ●                  | ●   | ●   | ●   | ●                | ●   | ●    | ●    |
| 4th pole - simultaneous closing          |                                                   | ●   |     |     | ●   | ●                | ●   | ●    | ●    | ●    |                    | ●   |     |     | ●                | ●   | ●    | ●    |
| 4th pole - early make                    |                                                   | ●   |     |     | ●   |                  | ●   |      |      |      |                    | ●   |     |     |                  | ●   |      |      |
| Three-pole for photovoltaic applications |                                                   |     |     | ●   |     |                  |     |      |      |      |                    |     |     |     |                  |     |      |      |
| Fuse holder                              |                                                   | ●   |     |     |     |                  |     |      |      |      |                    |     |     |     |                  |     |      |      |
| Mechanical 6-8 pole coupling system      |                                                   |     | ●   |     |     |                  | ●   |      |      |      |                    |     |     |     |                  |     |      |      |
| Mechanical interlock for line switching  |                                                   | ●   |     |     |     |                  | ●   |      |      |      |                    |     |     |     |                  |     |      |      |



| AC21A≤690V (IEC/EN)         | ENCLOSED VERSION - IEC/EN TYPE IP65<br>WITH RED/ YELLOW OR BLACK HANDLE             |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      | ENCLOSED VERSION UL/CSA TYPE 4/4X<br>WITH RED/ YELLOW OR BLACK HANDLE                 |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                      |                                                                                       |
|-----------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                             | 16A                                                                                 | 25A                                                                                 | 32A                                                                                 | 40A                                                                                 | 63A                                                                                 | 63A                                                                                 | 80A                                                                                 | 100A                                                                                | 125A                                                                                | 160A                                                                                 | 16A                                                                                   | 25A                                                                                   | 32A                                                                                   | 40A                                                                                   | 63A                                                                                   | 63A                                                                                   | 80A                                                                                   | 100A                                                                                  | 125A                                                                                  | 160A                                                                                  |                                                                                      |                                                                                       |
| General use 600VAC (UL/CSA) |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      | 16A                                                                                   | 25A                                                                                   | 32A                                                                                   | 40A                                                                                   | 60A                                                                                   | 60A                                                                                   | 100A                                                                                  | 100A                                                                                  | 100A                                                                                  | —                                                                                     |                                                                                      |                                                                                       |
|                             | Enclosure width                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      | Enclosure width                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                      |                                                                                       |
|                             | 100mm/3.94"                                                                         |                                                                                     |                                                                                     |                                                                                     | 175mm/6.89"                                                                         |                                                                                     |                                                                                     |                                                                                     | 220mm/8.66"                                                                         |                                                                                      | 100mm/3.94"                                                                           |                                                                                       |                                                                                       |                                                                                       | 175mm/6.89"                                                                           |                                                                                       | 220mm/8.66"                                                                           |                                                                                       |                                                                                       |                                                                                       |                                                                                      |                                                                                       |
| SWITCH DISCONNECTORS        |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                      |                                                                                       |
| Three pole                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                      |                                                                                       |
| Four pole                   |  |                                                                                     |  |  |  |  |                                                                                     |  |  |  |                                                                                       |  |                                                                                       |                                                                                       |  |                                                                                       |  |  |  |  |                                                                                      |                                                                                       |
| CHANGEOVER SWITCHES         |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      | Enclosure width                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                      |                                                                                       |
|                             |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      | 175mm/6.89"                                                                           |                                                                                       |                                                                                       |                                                                                       |                                                                                       | 220mm/8.66"                                                                           |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                      |                                                                                       |
| Three pole                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |    |                                                                                       |    |    |                                                                                       |    |                                                                                       |    |                                                                                       |  |  |
| Four pole                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |    |                                                                                       |    |    |                                                                                       |    |                                                                                       |    |                                                                                       |  |  |

### GE series 50A to 1600A

Switch disconnectors

Changeover switches



| AC21A                                    | DIRECT OPERATING AND DOOR COUPLING VERSION |      |      |      |      |      |      |      |      |      |       |       |       |
|------------------------------------------|--------------------------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
|                                          | 50A                                        | 125A | 160A | 200A | 250A | 315A | 400A | 500A | 630A | 800A | 1000A | 1250A | 1600A |
| SWITCH DISCONNECTORS 50A TO 1600A        |                                            |      |      |      |      |      |      |      |      |      |       |       |       |
| Three and four pole                      |                                            |      | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●     | ●     | ●     |
| Three and four pole with NFC fuse holder | ●                                          | ●    |      |      |      |      |      |      |      |      |       |       |       |
| Three and four pole with NH fuse holder  |                                            |      | ●    |      | ●    |      | ●    |      | ●    | ●    |       |       |       |
| Three and four pole with BS fuse holder  |                                            |      | ●    | ●    | ●    | ●    | ●    |      | ●    | ●    |       |       |       |
| Four-pole for photovoltaic applications  |                                            | ●    |      |      | ●    | ●    |      |      | ●    | ●    |       | ●     |       |
| CHANGEOVER SWITCHES 160A TO 1600A        |                                            |      |      |      |      |      |      |      |      |      |       |       |       |
| Three and four pole                      |                                            |      | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●     | ●     | ●     |
| Motorised control unit                   |                                            |      | ●    |      | ●    |      |      |      | ●    |      |       | ●     |       |

# VERSATILITY!

### COMPACT SIZE

The three-pole 16A to 63A switch disconnectors, are made up of a single unit body, merely 36mm/1.42" wide, while the 63A to 160A ratings, of another body size of only 70mm/2.75" wide.

### ACCESSORY FLEXIBILITY

Mounting and removal of the fourth pole and add-on blocks are simple and quick operations with no need for tools.

### VERSIONS FOR PHOTOVOLTAIC APPLICATIONS

The GA... and GD type switch disconnectors are suitable for both small domestic installations as well as those with a large number of solar cells. Use up to 1000V in DC21B category.



### CERTIFICATIONS

The 16A to 63A types are listed for Canada and the USA, certified according to UL508/CSA C22.2 n° 14. The 63A to 125A types are listed for Canada and the USA, certified according to UL98A/CSA C22.2 n° 4.



### SIDE MOUNT ADD-ON FOURTH POLE

Simultaneous closing or early-make contact operation of the fourth pole with respect to the switch disconnector poles.



### ADD-ON AUXILIARY CONTACTS

Only one add-on block suitable for all the 9 ratings of switch disconnectors, having simultaneous closing with the switch disconnector poles. There are versions with an early-break NO contact with respect to the switch disconnector.

### MAXIMUM COMBINATIONS

Mounting up to 4 auxiliary contacts or 1 fourth pole and 3 auxiliary contacts (2 blocks always on the right and 2 on the left side) of each switch disconnector. The earth and neutral terminals and fuse holder also can be added.



### DOOR COUPLING HANDLE WITH FRONT DIMENSIONS 48X48MM

The GAX68 and GAX68B handles can be used in panels and boxes of limited dimensions.



### 6 AND 8 POLE VERSION

Mechanical coupling systems are available for the 16A to 160A switch disconnectors with direct operating handle to provide 6/8 pole disconnectors or a mechanical interlock mechanism for the line changeover function (I - 0 - II). The enclosed switches are cULus certified.



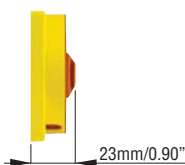
### FUSE HOLDERS



A three-pole fuse holder can be added to 16A to 32A switch disconnectors, with direct operating handle, to provide a single compact unit. Access to the fuse can be made only when the disconnector is in OFF position.

### REDUCED HANDLE THICKNESS

GAX61 and GAX 61 B handles are only 23mm thick.



### IP65 PADLOCKABLE HANDLES

Wide range of selector or pistol grip handles, with screw or ring fixing. All handles are equipped with built-in padlockable mechanism. The selector handle GAX63... snaps onto the door mount switch disconnectors in 16A to 40A ratings, with no need for tools.



### HANDLE ADAPTABILITY

The extensive number of fixing holes in the front handle plate can replace switch disconnectors, normally found out in the field, without having to drill others.



### UL508A HANDLE VERSION

In compliance with UL508A standards, which require internal panel inspection by authorised personnel with power applied, selector and pistol handles are available with defeatable feature of the door coupling when the switch disconnector is closed, i.e. in ON position.



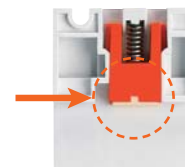
### SWITCH STATUS INDICATION

The switch open or closed state is clearly and unequivocally seen at a distance thanks to the simple and modern design of the handles.

### DIN RAIL FIXING

Switch disconnector mounting on and removal from the 35mm DIN rail are done by simply pressing it downwards with no need for tools.

### ANTI-SLIDE INSERT FOR DIN RAIL



A rubber pad insert prevents the sliding of switch disconnectors on the DIN rail even when out of tolerance or mounted vertically.

### TERMINAL ADAPTABILITY

Terminals are suitable to accept any type of cable: flexible, rigid, AWG wire. The terminals can withstand high tightening torques.

### HIGH IEC CAPABILITY IN AC23

The rated currents  $I_e$  in AC23 at 690VAC are the highest of the category.

### MODULARITY

The switch disconnectors can be mounted in modular panels.

### Three-pole switch disconnectors



GA016 A...  
GA040 A  
GA063 SA



GA063 A...  
GA160 A

new



GA016 C...  
GA040 C



GA063 C...  
GA125 C

### Fourth pole add on



GAX42...A  
GAX41...A  
GAX42 063SA  
GAX41 063SA

new



GAX42 040C  
GAX41 040C

| Order code | IEC conventional free air thermal current I <sub>th</sub> AC21A (≤690V) | IEC rated operational current I <sub>e</sub> AC22A (≤690V) AC23A (≤415V) | Qty per pkg | Wt   |
|------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------|-------------|------|
|            | [A]                                                                     | [A]                                                                      | n°          | [kg] |

Direct operating version, complete with black handle.  
For door coupling version, separately purchase the handle and shaft extension (see page 11-8 and 11-10).

|          |     |     |   |       |
|----------|-----|-----|---|-------|
| GA016 A  | 16  | 16  | 1 | 0.146 |
| GA025 A  | 25  | 25  | 1 | 0.146 |
| GA032 A  | 32  | 32  | 1 | 0.146 |
| GA040 A  | 40  | 40  | 1 | 0.146 |
| GA063 SA | 63  | 45  | 1 | 0.148 |
| GA063 A  | 63  | 63  | 1 | 0.388 |
| GA080 A  | 80  | 80  | 1 | 0.388 |
| GA100 A  | 100 | 100 | 1 | 0.388 |
| GA125 A  | 125 | 125 | 1 | 0.388 |
| GA160 A  | 160 | 125 | 1 | 0.388 |

Door mount version, complete with shaft extension (purchase handle separately, see page 11-8).

|         |     |     |   |       |
|---------|-----|-----|---|-------|
| GA016 C | 16  | 16  | 1 | 0.170 |
| GA025 C | 25  | 25  | 1 | 0.170 |
| GA032 C | 32  | 32  | 1 | 0.170 |
| GA040 C | 40  | 40  | 1 | 0.170 |
| GA063 C | 63  | 63  | 1 | 0.404 |
| GA080 C | 80  | 80  | 1 | 0.404 |
| GA100 C | 100 | 100 | 1 | 0.404 |
| GA125 C | 125 | 125 | 1 | 0.404 |

| Order code | IEC conventional free air thermal current I <sub>th</sub> AC21A (≤690V) | IEC rated operational current I <sub>e</sub> AC22A (≤690V) AC23A (≤415V) | Qty per pack | Wt   |
|------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------|--------------|------|
|            | [A]                                                                     | [A]                                                                      | n°           | [kg] |

Simultaneous closing operation as switch disconnector poles. For GA...A version.

|             |     |     |   |       |
|-------------|-----|-----|---|-------|
| GAX42 040A  | 40  | 40  | 1 | 0.045 |
| GAX42 063SA | 63  | 45  | 1 | 0.045 |
| GAX42 063A  | 63  | 63  | 1 | 0.126 |
| GAX42 080A  | 80  | 80  | 1 | 0.126 |
| GAX42 100A  | 100 | 100 | 1 | 0.126 |
| GAX42 125A  | 125 | 125 | 1 | 0.126 |
| GAX42 160A  | 160 | 125 | 1 | 0.126 |

For GA...C version.

|            |     |     |   |       |
|------------|-----|-----|---|-------|
| GAX42 040C | 40  | 40  | 1 | 0.045 |
| GAX42 063C | 63  | 63  | 1 | 0.128 |
| GAX42 080C | 80  | 80  | 1 | 0.128 |
| GAX42 100C | 100 | 100 | 1 | 0.128 |
| GAX42 125C | 125 | 125 | 1 | 0.128 |

Early make closing operation with respect to switch disconnector poles. For GA...A version.

|             |     |     |   |       |
|-------------|-----|-----|---|-------|
| GAX41 040A  | 40  | 40  | 1 | 0.046 |
| GAX41 063SA | 63  | 45  | 1 | 0.046 |
| GAX41 125A  | 125 | 125 | 1 | 0.116 |

For GA...C version.

|            |     |     |   |       |
|------------|-----|-----|---|-------|
| GAX41 040C | 40  | 40  | 1 | 0.046 |
| GAX41 125C | 125 | 125 | 1 | 0.128 |

- ① For GA016 A...GA040 A only.
- ② For GA063 SA only.
- ③ For GA016 C...GA040 C only.
- ④ For GA063 A...GA125 A only.
- ⑤ For GA063 C...GA125 C only.

### General characteristics

- 16A to 160A
- Available versions:
  - Direct operating
  - Door mount
  - Door coupling. Use switch disconnector with direct operating handle and separately purchase the handle and shaft extension for this version. See pages 11-8 and 10.
- Compact and modular size
- Screw or 35mm DIN rail fixing
- Padlockable in 0 position with no extra accessory.

### Operational characteristics

- Rated insulation voltage U<sub>i</sub>: 1000V
- Rated impulse withstand U<sub>imp</sub>: 8kV
- Electrical life in AC21A:
  - 100,000 cycles GA016...GA040, GAX...40A/C
  - 15,000 cycles GA063 SA, GAX...063SA
  - 30,000 cycles GA063...GA125, GAX...063...125A/C
  - 1,500 cycles GA160A, GAX42 160A
- Mechanical life:
  - 100,000 cycles GA016...GA040 A/C, GA063 SA, GAX...40A/C, GAX...063SA
  - 30,000 cycles GA063...GA160A, GAX...063...125A/C, GAX42 160A.

### Certifications and compliance

Certifications obtained:

| Type                    | cULus according to UL508 / CSA C22.2 no. 14 | cULus according to UL98A / CSA C22.2 no. 4 | EAC | KEMA |
|-------------------------|---------------------------------------------|--------------------------------------------|-----|------|
| GA016 A...GA040 A       | ●                                           | —                                          | ●   | ●    |
| GA063 SA                | ●                                           | —                                          | ●   | —    |
| GA016 C...GA040 C       | ●                                           | —                                          | ●   | ●    |
| GA063 A...GA125 A       | —                                           | ●                                          | ●   | —    |
| GA160 A-GAX42 160A      | —                                           | —                                          | ●   | —    |
| GA063 C...GA125 C       | —                                           | ●                                          | ●   | —    |
| GAX41 040A-GAX42 040A   | ●                                           | —                                          | ●   | —    |
| GAX41 063SA-GAX42 063SA | ●                                           | —                                          | ●   | —    |
| GAX41 040C-GAX42 040C   | ●                                           | —                                          | ●   | —    |
| GAX41 125A-GAX42 125C   | —                                           | ●                                          | ●   | —    |
| GAX42 063A...GAX42 125A | —                                           | ●                                          | ●   | —    |
| GAX42 063C...GAX42 125C | —                                           | ●                                          | ●   | —    |

● Certification obtained.

Compliant with standards: IEC/EN 60947-3, IEC/EN 60947-1, UL508, UL98A, CSA C22.2.

Strokes of GA poles (main poles and add-on pole)

| Travel 0→1                                                                   | 0°  | 30° | 60° | 90° |
|------------------------------------------------------------------------------|-----|-----|-----|-----|
| GA016A/C...GA040A/C - GA063SA Main poles                                     |     |     | 60° |     |
| GAX42040A/C - GAX42063SA Simultaneous closing fourth-pole add on             |     |     | 60° |     |
| GAX41040A/C - GAX41063SA Early-make fourth-pole add on                       |     |     | 55° |     |
| GA063A/C...GA125A/C, GA160A Main poles                                       |     |     | 55° |     |
| GAX42063A/C...GAX42125A/C, GAX42160A Simultaneous closing fourth-pole add on |     |     | 55° |     |
| GAX41125A/C Early-make fourth-pole add on                                    |     |     | 48° |     |
|                                                                              | OFF |     |     | ON  |



#### Add-on blocks



GAX10 11A

GAX10 11C



GAX11 10EA  
GAX12 10EA



GAX3...A

GAX3...C



GAX50...  
GAX60...

| Order code                                                                              | Characteristics                                                    | Qty per pack | Wt    |
|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------|-------|
|                                                                                         |                                                                    | n°           | [kg]  |
| Auxiliary contacts, simultaneous closing as poles of switch disconnector.               |                                                                    |              |       |
| <b>GAX10 11A</b>                                                                        | 1NO + 1NC for GA...A, GA063 SA and GA040 D                         | 1            | 0.030 |
| <b>GAX10 11C</b>                                                                        | 1NO + 1NC for GA...C                                               | 1            | 0.030 |
| Auxiliary contacts, early-break operation with respect to poles of switch disconnector. |                                                                    |              |       |
| <b>GAX11 10EA</b>                                                                       | 1EB (NO) for GA016 A...GA040 A, GA063 SA and GA040 D               | 1            | 0.035 |
| <b>GAX12 10EA</b>                                                                       | 1EB (NO) for GA063 A...GA160 A                                     | 1            | 0.035 |
| Neutral terminal.                                                                       |                                                                    |              |       |
| <b>GAX31 A</b>                                                                          | For GA016 A...GA040 A, GA063 SA and GA040 D                        | 1            | 0.040 |
| <b>GAX32 A</b>                                                                          | For GA063 A...GA160 A                                              | 1            | 0.110 |
| <b>GAX31 C</b>                                                                          | For GA016 C...GA040 C                                              | 1            | 0.040 |
| <b>GAX32 C</b>                                                                          | For GA063 C...GA125 C                                              | 1            | 0.110 |
| Earth/Ground terminal.                                                                  |                                                                    |              |       |
| <b>GAX33 A</b>                                                                          | For GA016 A...GA040 A, GA063 SA and GA...D                         | 1            | 0.040 |
| <b>GAX34 A</b>                                                                          | For GA063 A...GA160 A                                              | 1            | 0.110 |
| <b>GAX33 C</b>                                                                          | For GA016 C...GA040 C                                              | 1            | 0.040 |
| <b>GAX34 C</b>                                                                          | For GA063 C...GA125 C                                              | 1            | 0.110 |
| Mechanical interlock for line changeover (I-O-II).                                      |                                                                    |              |       |
| <b>GAX50 00</b>                                                                         | For GA016 A...GA040 A, GA063 SA, GA040 D and GAX67 B; □ 5mm/0.2" ❶ | 1            | 0.050 |
| <b>GAX50 01</b>                                                                         | For GA063 A...GA160 A and GAX67 B; □ 5mm/0.2" ❶                    | 1            | 0.075 |
| Mechanical coupling system for 6-8 pole switch disconnectors.                           |                                                                    |              |       |
| <b>GAX60 00</b>                                                                         | For GA016 A...GA040 A, GA063 SA and GA040 D; □ 5mm/0.2" ❶          | 1            | 0.050 |
| <b>GAX60 01</b>                                                                         | For GA063 A...GA125 A, □ 7mm/0.3" ❷❸                               | 1            | 0.075 |

❶ Use GAX7... shaft extensions.

❷ Use GAX66... handles and GAX7...A extensions for a door coupling version.

❸ Cannot be used with GA160A.

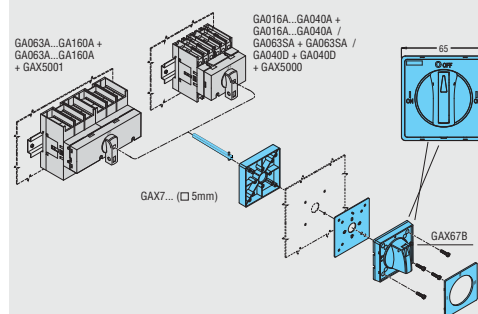
#### Operational characteristics of auxiliary contacts

- Conventional free air thermal current Ith: 10A
- UL/CSA and IEC/EN 60947-5-1 designation: A600-Q600
- Tightening torque: 0.8Nm/7.1lbin.

#### Operational characteristics for other devices

- Tightening torque:
  - GAX31A/C-GAX33A/C terminals: 1.8...2Nm/16...18lbin
  - GAX32A/C-GAX34A/C terminals: 5...6Nm/45...54lbin
  - GAX5000/1-GAX6000/1 fixing: 0.5Nm/4.4lbin; extension with handle: 0.8Nm/7.1lbin.

Transformation of direct operating version into door coupling type



#### Certifications and compliance

Certifications obtained:

| Type                  | cULus according to UL508 / CSA C22.2 no. 14 | cULus according to UL98A / CSA C22.2 no. 4 | EAC |
|-----------------------|---------------------------------------------|--------------------------------------------|-----|
| GAX10 11A - GAX10 11C | ●                                           | —                                          | ●   |
| GAX11 10EA            | ●                                           | —                                          | ●   |
| GAX12 10EA            | ●                                           | —                                          | ●   |
| GAX31 A - GAX31 C     | ●                                           | —                                          | ●   |
| GAX32 A - GAX32 C     | —                                           | ●                                          | ●   |
| GAX33 A - GAX33 C     | ●                                           | —                                          | ●   |
| GAX34 A - GAX34 C     | —                                           | ●                                          | ●   |
| GAX50 00 - GAX60 00   | ●                                           | —                                          | ●   |
| GAX50 01 - GAX60 01   | —                                           | ●                                          | ●   |

● Certification obtained.

Compliant with standards: IEC/EN 60947-1, IEC/EN 60947-3, IEC/EN 60947-5-1, UL508, UL98A, CSA C22.2.

#### Strokes of GA poles (main poles with auxiliary contacts)

| Travel 0→1                                                                      | 0°  | 30°        | 60° | 90° |
|---------------------------------------------------------------------------------|-----|------------|-----|-----|
| GA016A/C...GA040A/C - GA063SA<br>Main poles                                     |     |            | 60° |     |
| GAX10 11A - GAX10 11C<br>Auxiliary contacts (1NO+1NC)                           |     |            | 60° |     |
|                                                                                 |     |            | 40° |     |
| GAX11 10EA<br>auxiliary contact (1EB NO early-break with respect to main poles) |     | Travel 0→1 | 60° |     |
|                                                                                 |     | Travel 1→0 | 70° |     |
| GA063A/C...GA125A/C, GA160A<br>Main poles                                       |     |            | 55° |     |
| GAX10 11A - GAX10 11C<br>Auxiliary contacts (1NO+1NC)                           |     |            | 45° |     |
|                                                                                 |     |            | 25° |     |
| GAX12 10EA<br>auxiliary contact (1EB NO early-break with respect to main poles) |     | Travel 0→1 | 55° |     |
|                                                                                 |     | Travel 1→0 | 65° |     |
|                                                                                 | OFF |            |     | ON  |

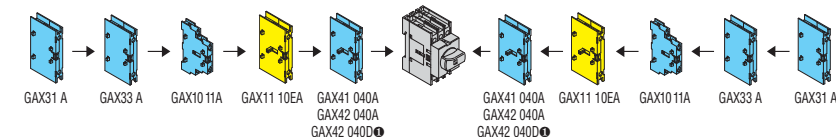
#### Strokes of GA...D types (main poles and auxiliary contacts)

| Corsa 0→1                                                                       | 0° | 30°        | 60° | 90° |
|---------------------------------------------------------------------------------|----|------------|-----|-----|
| GA040 D<br>Main poles                                                           |    |            | 60° |     |
| GA042 040D<br>simultaneous closing fourth -pole add on                          |    |            | 60° |     |
| GAX10 11A<br>Auxiliary contacts (1NO+1NC)                                       |    |            | 60° |     |
|                                                                                 |    |            | 40° |     |
| GAX11 10EA<br>auxiliary contact (1EB NO early-break with respect to main poles) |    | Travel 0→1 | 60° |     |
|                                                                                 |    | Travel 1→0 | 70° |     |

## Maximum combinations

**GA016 A...GA040 A** Sequence and maximum combination of add-on blocks on direct operating switch disconnectors.

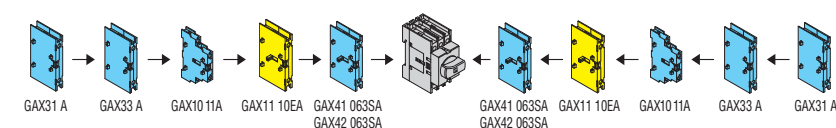
**GA040 D**



|   |   |   |   |   |                                          |   |   |   |   |   |
|---|---|---|---|---|------------------------------------------|---|---|---|---|---|
| 1 | 1 | 1 | — | 1 | GA016 A<br>GA025 A<br>GA032 A<br>GA040 A | — | — | 2 | 1 | 1 |
| 1 | 1 | 2 | — | — |                                          | 1 | — | 1 | 1 | 1 |
| 1 | 1 | 1 | — | 1 |                                          | — | 1 | 1 | 1 | 1 |
| 1 | 1 | 1 | 1 | — |                                          | 1 | — | 1 | 1 | 1 |
| 1 | 1 | 1 | 1 | — |                                          | — | — | 2 | 1 | 1 |
| 1 | 1 | 2 | — | — |                                          | — | 1 | 1 | 1 | 1 |
| 1 | 1 | 2 | — | — |                                          | — | — | 2 | 1 | 1 |
| 1 | 1 | — | — | — |                                          | 1 | — | — | 1 | 1 |
| 1 | 1 | — | — | 1 | GA040 D                                  | — | — | — | 1 | 1 |
| 1 | 1 | — | — | — |                                          | — | — | — | 1 | 1 |
| 1 | 1 | — | — | — |                                          | — | — | — | 1 | 1 |

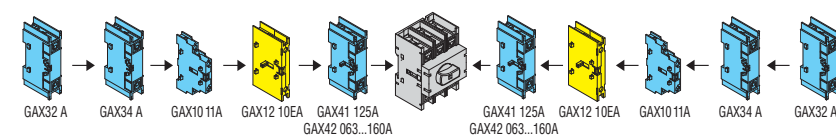
① GAX42 040D can be used with GA040 D switch only.

**GA063 SA**



|   |   |   |   |   |          |   |   |   |   |   |
|---|---|---|---|---|----------|---|---|---|---|---|
| 1 | 1 | 1 | — | 1 | GA063 SA | — | — | 2 | 1 | 1 |
| 1 | 1 | 2 | — | — |          | 1 | — | 1 | 1 | 1 |
| 1 | 1 | 1 | — | 1 |          | — | 1 | 1 | 1 | 1 |
| 1 | 1 | 1 | 1 | — |          | 1 | — | 1 | 1 | 1 |
| 1 | 1 | 1 | 1 | — |          | — | — | 2 | 1 | 1 |
| 1 | 1 | 2 | — | — |          | — | 1 | 1 | 1 | 1 |
| 1 | 1 | 2 | — | — |          | — | — | 2 | 1 | 1 |
| 1 | 1 | — | — | — |          | 1 | — | — | 1 | 1 |
| 1 | 1 | — | — | 1 |          | — | — | — | 1 | 1 |
| 1 | 1 | — | — | — |          | — | — | — | 1 | 1 |
| 1 | 1 | — | — | — |          | — | — | — | 1 | 1 |
| 1 | 1 | — | — | — |          | — | — | — | 1 | 1 |

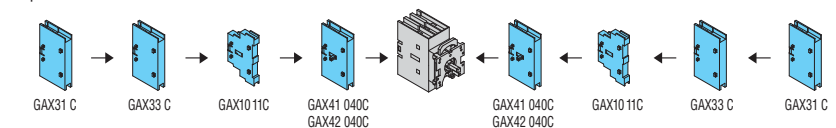
**GA063 A...GA160 A**



|   |   |   |   |   |                                                     |   |   |   |   |   |
|---|---|---|---|---|-----------------------------------------------------|---|---|---|---|---|
| — | — | 1 | — | 1 | GA063 A<br>GA080 A<br>GA100 A<br>GA125 A<br>GA160 A | — | — | 2 | — | — |
| — | — | 2 | — | — |                                                     | 1 | — | 1 | — | — |
| — | — | 1 | — | 1 |                                                     | — | 1 | 1 | — | — |
| — | — | 1 | 1 | — |                                                     | 1 | — | 1 | — | — |
| — | — | 1 | 1 | — |                                                     | — | — | 2 | — | — |
| — | — | 2 | — | — |                                                     | — | 1 | 1 | — | — |
| — | — | 2 | — | — |                                                     | — | — | 2 | — | — |
| 1 | 1 | — | — | — |                                                     | 1 | — | — | 1 | 1 |
| 1 | 1 | — | — | 1 |                                                     | — | — | — | 1 | 1 |
| 1 | 1 | — | — | — |                                                     | — | — | — | 1 | 1 |
| 1 | 1 | — | — | — |                                                     | — | — | — | 1 | 1 |
| 1 | 1 | — | — | — |                                                     | — | — | — | 1 | 1 |

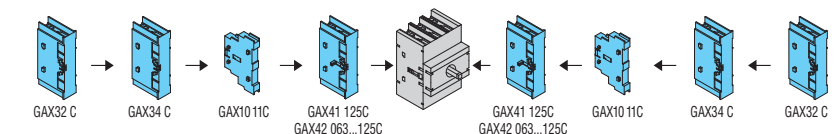
① GA160 A can be fitted with 1 single 4th pole (GAX42160 A) on one side and an auxiliary contact on the other.

**GA016 C...GA040 C** Sequence and maximum combination of add-on blocks on door mount switch disconnectors.



|   |   |   |   |                                          |   |   |   |   |
|---|---|---|---|------------------------------------------|---|---|---|---|
| 1 | 1 | 1 | 1 | GA016 C<br>GA025 C<br>GA032 C<br>GA040 C | — | 1 | 1 | 1 |
| 1 | 1 | 1 | — |                                          | 1 | — | 1 | 1 |
| 1 | 1 | — | — |                                          | — | 1 | 1 | 1 |
| 1 | 1 | 1 | — |                                          | 1 | — | 1 | 1 |
| 1 | 1 | 1 | — |                                          | — | 1 | 1 | 1 |
| 1 | 1 | — | — |                                          | — | — | 1 | 1 |

**GA063 C...GA125 C**

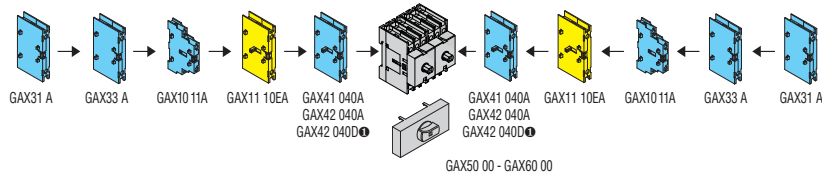


|   |   |   |   |   |                                          |   |   |   |   |
|---|---|---|---|---|------------------------------------------|---|---|---|---|
| — | — | 1 | — | 1 | GA063 C<br>GA080 C<br>GA100 C<br>GA125 C | — | 1 | — | — |
| — | — | 1 | — | — |                                          | 1 | — | — | — |
| 1 | 1 | — | — | 1 |                                          | — | 1 | — | — |
| — | — | 1 | — | — |                                          | 1 | — | 1 | 1 |
| — | — | 1 | — | — |                                          | — | 1 | — | — |
| 1 | 1 | — | — | — |                                          | — | — | 1 | 1 |

## Maximum combinations

**GA016 A...GA040 A**  
**GA040 D**  
**+ GAX50 00 -**  
**GAX60 00**

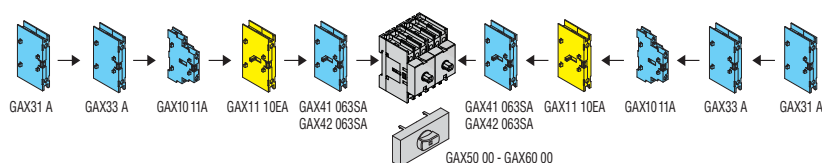
Sequence and maximum combination for mechanical coupling and mechanical interlock for line changeover.



|   |   |   |   |   |                                                                                                                        |   |   |   |   |   |
|---|---|---|---|---|------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|
| 1 | 1 | 1 | — | 1 | GA016 A +<br>GA016 A<br>GA025 A +<br>GA025 A<br>GA032 A +<br>GA032 A<br>GA040 A +<br>GA040 A<br>GA040 D +<br>GA040 D ❶ | 1 | — | 1 | 1 | 1 |
| 1 | 1 | 1 | — | 1 |                                                                                                                        | — | — | 2 | 1 | 1 |
| 1 | 1 | 2 | — | — |                                                                                                                        | 1 | — | 1 | 1 | 1 |
| 1 | 1 | 1 | — | 1 |                                                                                                                        | — | 1 | 1 | 1 | 1 |
| 1 | 1 | 1 | 1 | — |                                                                                                                        | 1 | — | 1 | 1 | 1 |
| 1 | 1 | 1 | 1 | — |                                                                                                                        | — | — | 2 | 1 | 1 |
| 1 | 1 | 2 | — | — |                                                                                                                        | — | 1 | 1 | 1 | 1 |
| 1 | 1 | 2 | — | — |                                                                                                                        | — | — | 2 | 1 | 1 |
| 1 | 1 | — | — | 1 |                                                                                                                        | 1 | — | — | 1 | 1 |
| 1 | 1 | — | — | — |                                                                                                                        | — | — | — | 1 | 1 |

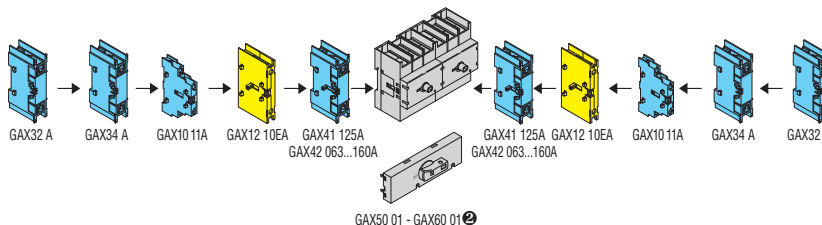
❶ GAX42 040D can be used with GA040 D switch only.

**GA063 SA**  
**+ GAX50 00 -**  
**GAX60 00**



|   |   |   |   |   |                      |   |   |   |   |   |
|---|---|---|---|---|----------------------|---|---|---|---|---|
| 1 | 1 | 1 | — | 1 | GA063SA +<br>GA063SA | 1 | — | 1 | 1 | 1 |
| 1 | 1 | 1 | — | 1 |                      | — | — | 2 | 1 | 1 |
| 1 | 1 | 2 | — | — |                      | 1 | — | 1 | 1 | 1 |
| 1 | 1 | 1 | — | 1 |                      | — | 1 | 1 | 1 | 1 |
| 1 | 1 | 1 | 1 | — |                      | 1 | — | 1 | 1 | 1 |
| 1 | 1 | 1 | 1 | — |                      | — | — | 2 | 1 | 1 |
| 1 | 1 | 2 | — | — |                      | — | 1 | 1 | 1 | 1 |
| 1 | 1 | 2 | — | — |                      | — | — | 2 | 1 | 1 |
| 1 | 1 | — | — | 1 |                      | 1 | — | — | 1 | 1 |
| 1 | 1 | — | — | — |                      | — | — | — | 1 | 1 |

**GA063 A...GA160 A**  
**+ GAX50 01 -**  
**GAX60 01**



|   |   |   |   |   |                                                                                                                        |   |   |   |   |   |
|---|---|---|---|---|------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|
| — | — | 1 | — | 1 | GA063 A +<br>GA063 A<br>GA080 A +<br>GA080 A<br>GA100 A +<br>GA100 A<br>GA125 A +<br>GA125 A<br>GA160 A +<br>GA160 A ❶ | 1 | — | 1 | — | — |
| — | — | 1 | — | 1 |                                                                                                                        | — | — | 2 | — | — |
| — | — | 2 | — | — |                                                                                                                        | 1 | — | 1 | — | — |
| — | — | 1 | — | 1 |                                                                                                                        | — | 1 | 1 | — | — |
| — | — | 1 | 1 | — |                                                                                                                        | 1 | — | 1 | — | — |
| — | — | 2 | — | — |                                                                                                                        | — | — | 2 | — | — |
| — | — | 2 | — | — |                                                                                                                        | — | 1 | 1 | — | — |
| — | — | 2 | — | — |                                                                                                                        | — | — | 2 | — | — |
| 1 | 1 | — | — | 1 |                                                                                                                        | 1 | — | — | 1 | 1 |
| 1 | 1 | — | — | — |                                                                                                                        | — | — | — | 1 | 1 |

❶ GA160A can be fitted with a single auxiliary contact (GAX1011A) per side.

❷ Cannot be used with GA160A



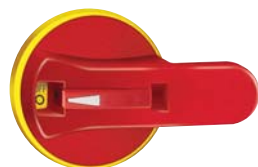
### Handles



GAX61



GAX62



GAX66



GAX68



GAX63 B



GAX63 2B  
Low profile



GAX67 B

new

new

- ❶ For GA...A and GA040 D switch disconnectors, separately purchase extension GAX7...
- ❷ Snap-on fixing of GA016 C...GA040 C switch disconnectors with the handle.
- ❸ Separately purchase GAX7...A shaft extension and GAX60 B handle having a 7mm square section, not required for GAX60 01.

| Order code                                                | Characteristics                                                                                                                                                            | Qty per pkg | Wt    |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------|
|                                                           |                                                                                                                                                                            | no.         | [kg]  |
| DOOR COUPLING VERSION PADLOCKABLE, IP65 (4X). Red/yellow. |                                                                                                                                                                            |             |       |
| GAX61                                                     | For GA...A, GA063 SA, GA...C, GA040 D and GD... Screw fixing. Handle with selector flush-mounted ❶. □ 5mm/0.2"                                                             | 1           | 0.073 |
| GAX62                                                     | For GA...A, GA063 SA, GA...C, GA040 D and GD... Screw fixing. Handle with selector protruding ❶. □ 5mm/0.2"                                                                | 1           | 0.072 |
| GAX63                                                     | For GA...A, GA063 SA, GA016 C... GA040 C, GA040 D and GD... Ring fixing. Handle with selector protruding ❶❷. □ 5mm/0.2"                                                    | 1           | 0.068 |
| GAX63 2                                                   | Per GA...A, GA063 SA, GA040 D and GD... Ring fixing lowered. Handle with selector protruding. □ 5mm/0.2" ❶                                                                 | 1           | 0.057 |
| GAX64                                                     | For GA...A, GA063 SA, GA040 D and GD... Ring fixing. Handle with selector protruding - defeatable (requirement UL508A)❶. □ 5mm/0.2"                                        | 1           | 0.064 |
| GAX66                                                     | For GA063 A...GA160 A, and GAX60 01. Screw fixing. Pistol handle - defeatable (req. UL 508A)❶❸. □ 7mm/0.3"                                                                 | 1           | 0.140 |
| GAX68                                                     | For GA016 A...GA063 SA, GA040 D, GA016 C...GA040 C and GD... Screw fixing. Handle with selector lowered ❶. □ 5mm/0.2"                                                      | 1           | 0.060 |
| Black.                                                    |                                                                                                                                                                            |             |       |
| GAX61 B                                                   | For GA...A, GA063 SA, GA...C, GA040 D and GD... Screw fixing. Handle with selector flush-mounted ❶. □ 5mm/0.2"                                                             | 1           | 0.073 |
| GAX62 B                                                   | For GA...A, GA063 SA, GA...C, GA040 D and GD... Screw fixing. Handle with selector protruding ❶. □ 5mm/0.2"                                                                | 1           | 0.072 |
| GAX63 B                                                   | For GA...A, GA063 SA, GA016 C... GA040 C, GA040 D and GD... Ring fixing. Handle with selector protruding ❶❷. □ 5mm/0.2"                                                    | 1           | 0.068 |
| GAX63 1B                                                  | For GA...A, GA063 SA, GA016 C... GA040 C, GA040 D and GD... Ring fixing. Handle with selector protruding padlockable in ON pos. (UNI 9490 and UNI EN 12845) ❶❷. □ 5mm/0.2" | 1           | 0.074 |
| GAX63 2B                                                  | For GA...A, GA063 SA, GA040 D and GD... Ring fixing lowered. Handle with selector protruding. □ 5mm/0.2" ❶                                                                 | 1           | 0.057 |
| GAX64 B                                                   | For GA...A, GA063 SA, GA040 D and GD... Ring fixing. Handle with selector protruding - defeatable (requirement UL508A)❶. □ 5mm/0.2"                                        | 1           | 0.064 |
| GAX66 B                                                   | For GA063 A...GA160 A and GAX60 01. Screw fixing. Pistol handle - defeatable (req. UL 508A)❶❸. □ 7mm/0.3"                                                                  | 1           | 0.140 |
| GAX67 B                                                   | For mechanical interlock GAX50... (I-O-II)❶. □ 5mm/0.2"                                                                                                                    | 1           | 0.078 |
| GAX68 B                                                   | For GA016 A...GA063 SA, GA040 D, GA016 C...GA040 C and GD... Screw fixing. Handle with selector lowered ❶. □ 5mm/0.2"                                                      | 1           | 0.060 |
| ACCESSORIES FOR DOOR COUPLING CONTROL                     |                                                                                                                                                                            |             |       |
| For GAX66 and GAX66 B handles.                            |                                                                                                                                                                            |             |       |
| GAX60 B                                                   | Adaptor □ 7mm/0.3" per GA063 A...GA160 A                                                                                                                                   | 1           | 0.010 |

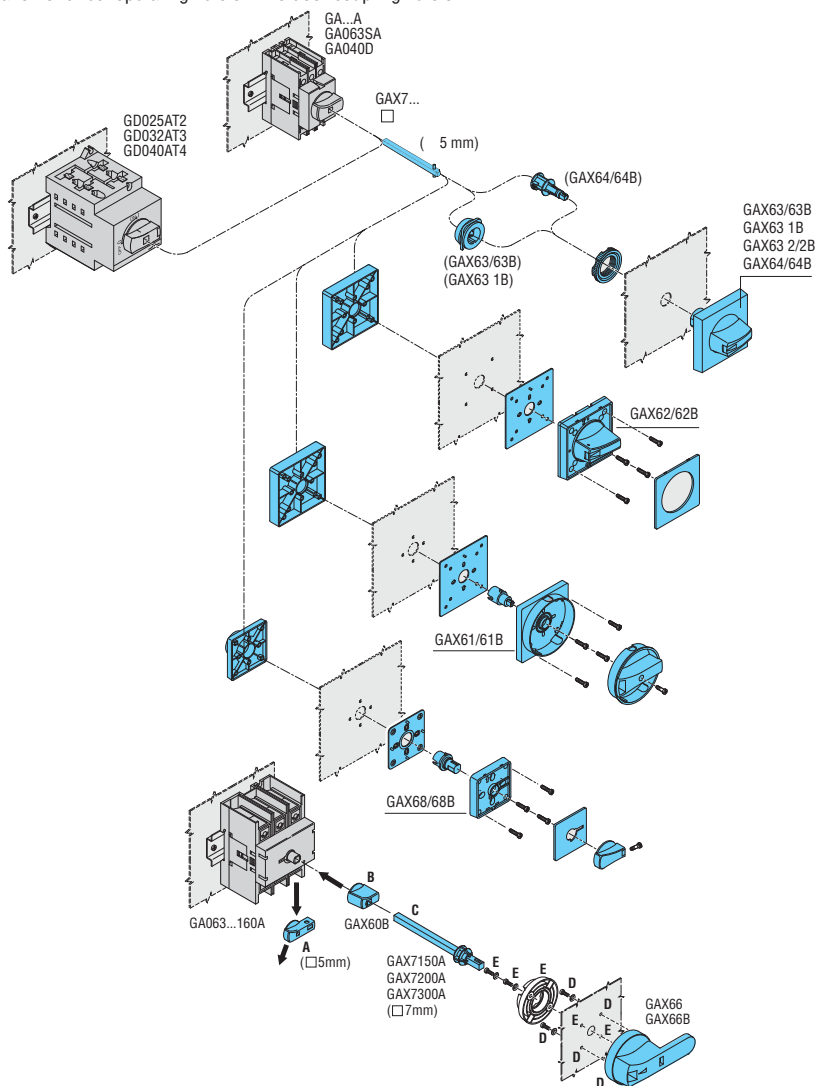
### General and operational characteristics

- Choice of handle fixing: ring or screw
- Fixing handle interaxis:
  - GAX61/61B-GAX62/62B-GAX67B: 36x36mm/1.42x1.42" or 48x48mm/1.89x1.89"
  - GAX66/66B: 36x36mm/1.42x1.42"
  - GAX68/68B: 28x28mm/1.10x1.10" or 36x36mm/1.42x1.42"
- Compatible with pre-existing drillings of most common types in the marketplace
- 1 to 3 padlocks in the Ø4...8mm/0.16...0.31" for all handles (except GAX68 only one Ø4...8mm/0.16...0.31")
- Front plate dimensions:
  - GAX61/61B-GAX62/62B-GAX63/63B-GAX64/64B-GAX67/67B: 65x65mm/2.56x2.56"
  - GAX66/66B: Ø75mm/2.95"
  - GAX68/68B: 48x48mm/1.89x1.89"
- Tightening torque:
  - Fixing ring types: 2.3Nm/20.4lbin
  - GAX60B: 0.8Nm/7lbin
  - GAX66/66B: 1.5Nm/13.3lbin
  - All others: 1Nm/9lbin
- Degree of protection for all: IP65
- Degree of protection for GAX66/66B: IP66; for UL/CSA data see detail on page 11-10.

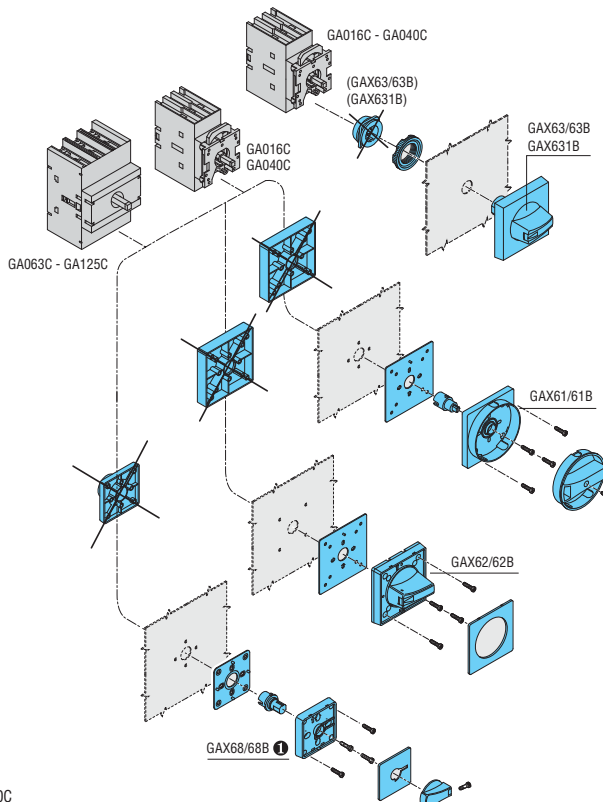
### Certifications and compliance

Certifications obtained: cULus for GAX68. See the table on page 11-10.

#### Transformation of direct operating version into door coupling version



#### Door mount version



① Only for GA016C...GA040C

# Switch disconnectors

GA series 16A to 160A

Accessories

## Shaft extensions

## Terminal covers

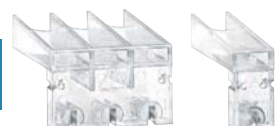
## Fuse holders/blocks



GAX7...



GAX7... A



GAX8...



GAX39 1

| Order code | Characteristics | Qty per pkg | Wt   |
|------------|-----------------|-------------|------|
|            |                 | n°          | [kg] |

Shaft extension for door coupling handles GAX61...GAX64, GAX68, GAX61 B...GAX64 B, GAX67 B, GAX68 B and mechanical interlock type GAX50 00, GAX50 01 and mechanical coupling GAX60 00.

|                 |                              |   |       |
|-----------------|------------------------------|---|-------|
| <b>GAX7 055</b> | 55mm/2.16" long □ 5mm/0.2"   | 1 | 0.012 |
| <b>GAX7 070</b> | 70mm/2.75" long □ 5mm/0.2"   | 1 | 0.014 |
| <b>GAX7 090</b> | 90mm/3.54" long □ 5mm/0.2"   | 1 | 0.018 |
| <b>GAX7 150</b> | 150mm/5.90" long □ 5mm/0.2"  | 1 | 0.032 |
| <b>GAX7 200</b> | 200mm/7.87" long □ 5mm/0.2"  | 1 | 0.070 |
| <b>GAX7 300</b> | 300mm/11.81" long □ 5mm/0.2" | 1 | 0.068 |
| <b>GAX7 400</b> | 400mm/15.75" long □ 5mm/0.2" | 1 | 0.072 |
| <b>GAX7 500</b> | 500mm/19.68" long □ 5mm/0.2" | 1 | 0.090 |

Shaft extension for door coupling handles GAX66, GAX66 B and mechanical coupling system GAX60 01.

|                  |                              |   |       |
|------------------|------------------------------|---|-------|
| <b>GAX7 150A</b> | 150mm/5.90" long □ 7mm/0.3"  | 1 | 0.090 |
| <b>GAX7 200A</b> | 200mm/7.87" long □ 7mm/0.3"  | 1 | 0.112 |
| <b>GAX7 300A</b> | 300mm/11.81" long □ 7mm/0.3" | 1 | 0.160 |

Set of 2 one-pole terminal covers for fourth pole.

|              |                                                                                            |   |       |
|--------------|--------------------------------------------------------------------------------------------|---|-------|
| <b>GAX81</b> | For GAX42 040A, GAX42 063SA, GAX42 040C, GAX42 040D, GAX41 040A, GAX41 063A and GAX41 040C | 1 | 0.009 |
| <b>GAX82</b> | For GAX42 063A...GAX42 160A                                                                | 1 | 0.012 |

Set of 2 three-pole terminal covers.

|              |                                                                |   |       |
|--------------|----------------------------------------------------------------|---|-------|
| <b>GAX83</b> | For GA016 A...GA040 A, GA063 SA, GA016 C...GA040 C and GA040 D | 1 | 0.011 |
| <b>GAX84</b> | For GA063 A...GA160 A, GA063 C...GA125 C                       | 1 | 0.030 |

Fuse holder for switch disconnectors.

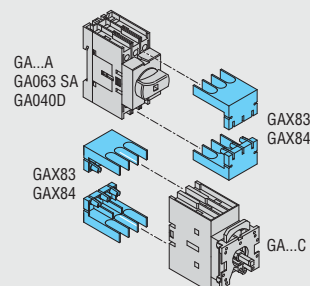
|                  |                                                      |   |       |
|------------------|------------------------------------------------------|---|-------|
| <b>GAX39 1</b>   | For GA016 A...GA032 A Suitable for 10.3x38 fuse size | 1 | 0.132 |
| <b>GAX39 1UL</b> | For GA016 A...GA025 A Suitable for Class CC fuses    | 1 | 0.135 |

## Operational characteristics of fuse holder

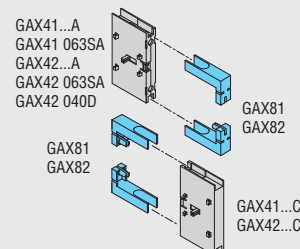
- IEC rated insulation voltage  $U_i$ : 1000V
- IEC rated impulse withstand  $U_{imp}$ : 8kV
- The fuse holder/blocks connects directly to the switch disconnectors
- Access to fuses only when the switch disconnectors are in OFF position.

## Terminal covers

For switch disconnectors



For fourth pole



## Certifications and compliance

Certifications obtained:

| Type                    | cULus according to UL508 / CSA C22.2 no. 14 | cULus according to UL98A / CSA C22.2 no. 4 | EAC |
|-------------------------|---------------------------------------------|--------------------------------------------|-----|
| GAX61-GAX61 B           | ●                                           | ●                                          | ●   |
| GAX62-GAX62 B           | ●                                           | ●                                          | ●   |
| GAX63-GAX63 B           | ●                                           | ●                                          | ●   |
| GAX63 1B                | —                                           | —                                          | ●   |
| GAX63 2-GAX63 2B        | ●                                           | ●                                          | ●   |
| GAX64-GAX64 B           | ●                                           | ●                                          | ●   |
| GAX66-GAX66 B           | —                                           | ●                                          | ●   |
| GAX67 B                 | ●                                           | ●                                          | ●   |
| GAX68-GAX68 B           | ●                                           | —                                          | ●   |
| GAX60 B                 | —                                           | ●                                          | ●   |
| GAX7 055...GAX7 500     | ●                                           | ●                                          | ●   |
| GAX7 150A ... GAX7 300A | —                                           | ●                                          | ●   |
| GAX81-GAX83             | ●                                           | —                                          | ●   |
| GAX82-GAX84             | —                                           | ●                                          | ●   |
| GAX39 1                 | —                                           | —                                          | ●   |
| GAX39 1UL               | ●                                           | —                                          | —   |

● Certification obtained.

NOTE: Types GAX62/62B, GAX63/63B, GAX 632/2B, GAX64/64B, GAX68/68B, GX67 are UL/CSA Type 1, 2, 3R, 12, 12K, 4, 4X external use when used with types GA016...40A/C, GA040D and GA063SA while with GA063...GA125A/C, only UL/CSA Type 1. Types GAX61/61B and GAX66/66B are UL/CSA Type 1, 4, 4X external use with all GA types.

Compliant with standards: IEC/EN 60947-1, IEC/EN 60947-3, UL508, UL98A, CSA C22.2.

### Empty enclosures IEC/EN IP65 type



GAZ1

GAZ2



GAZ3



GAZ30

**new**

| Order code | Description | Qty per pkg | Wt   |
|------------|-------------|-------------|------|
|            |             | n°          | [kg] |

For switch disconnectors.  
With red/yellow handle. Complete with shaft extension.

|             |                                 |   |       |
|-------------|---------------------------------|---|-------|
| <b>GAZ1</b> | For GA016 A...GA040 A/D         | 1 | 0.320 |
| <b>GAZ2</b> | For GA063 SA, GA063 A...GA100 A | 1 | 0.780 |
| <b>GAZ3</b> | For GA125 A...GA160 A           | 1 | 1.900 |

With black handle. Complete with shaft extension.

|               |                                 |   |       |
|---------------|---------------------------------|---|-------|
| <b>GAZ1 B</b> | For GA016 A...GA040 A/D         | 1 | 0.320 |
| <b>GAZ2 B</b> | For GA063 SA, GA063 A...GA100 A | 1 | 0.730 |
| <b>GAZ3 B</b> | For GA125 A...GA160 A           | 1 | 1.900 |

Accessory.

|               |                                              |   |       |
|---------------|----------------------------------------------|---|-------|
| <b>GAX 30</b> | Shielded cable fixing kit for GAZ1 and GAZ1B | 1 | 0.083 |
|---------------|----------------------------------------------|---|-------|

The empty enclosures are supplied with the following accessories:

| Enclosure                   | GAZ1<br>GAZ1B | GAZ2<br>GAZ2B | GAZ3<br>GAZ3B |
|-----------------------------|---------------|---------------|---------------|
| Red/yellow handle           | GAX61         | GAX61         | GAX61         |
| Black handle                | GAX61B        | GAX61B        | GAX61B        |
| Extension                   | 1             | 1             | 1             |
| Neutral plate terminal      | 1             | 1             | -             |
| Earth/Ground plate terminal | 1             | 1             | -             |

#### General characteristics

- Enclosure material: ABS
- For four-pole types not indicated, separately purchase corresponding fourth pole GAX42...A and install on enclosed 3-pole version
- Possible accessories to mount afterwards, if any required:
  - GAX30 to provide shielded cable connection continuity (e.g. with static converters)
  - GAZ016...GAZ040...: 1 contact block both on the right and left disconnector side unless 4th pole is installed
  - Other types: 2 contact blocks both on the right and left disconnector side unless 4th pole is installed
  - GAZ125...GAZ160...: if any earth/ground and/or neutral terminal required, separately purchase types GAX3... given on page 11-5.
- Padlockable handles
- Sealable cover
- Tightening torque for cover screws:
  - GAZ016...GAZ040... and GAZ1...: 1.3Nm/16lbin
  - Other types: 1.5Nm/13lbin
- Degree of protection: IP65
- Cable entry:
  - GAZ016..., GAZ040... and GAZ1... types: PG16/M25 and PG13.5/M20 knockouts
  - GAZ063SA...GAZ100... and GAZ2... types: PG16/M25 and PG29/M32 knockouts
  - GAZ125..., GAZ160... and GAZ3 types: Smooth surfaces; can be drilled by customer.

#### Certifications and compliance

Certifications obtained: EAC  
Compliant with standards: IEC/EN 60947-3, IEC/EN 60947-1.

11

### Empty enclosures UL/CSA Type 4/4X



GAZ1 UL



GAZ2 UL



GAZ30

**new**

| Order code | Description | Qty per pkg | Wt   |
|------------|-------------|-------------|------|
|            |             | no.         | [kg] |

For switch disconnectors.  
With red/yellow handle. Complete with shaft extension.

|                |                                   |   |       |
|----------------|-----------------------------------|---|-------|
| <b>GAZ1 UL</b> | For GA016 A...GA040 A and GA040 D | 1 | 0.320 |
| <b>GAZ2 UL</b> | For GA063 SA                      | 1 | 0.730 |

With black handle. Complete with shaft extension.

|                  |                                   |   |       |
|------------------|-----------------------------------|---|-------|
| <b>GAZ1 B UL</b> | For GA016 A...GA040 A and GA040 D | 1 | 0.320 |
| <b>GAZ2 B UL</b> | For GA063 SA                      | 1 | 0.730 |

Accessory.

|               |                                                  |   |       |
|---------------|--------------------------------------------------|---|-------|
| <b>GAX 30</b> | Shielded cable fixing kit for GAZ1UL and GAZ1BUL | 1 | 0.083 |
|---------------|--------------------------------------------------|---|-------|

The empty enclosures are supplied with the following accessories:

| Enclosure                   | GAZ1UL<br>GAZ1BUL | GAZ2UL<br>GAZ2BUL |
|-----------------------------|-------------------|-------------------|
| Red/yellow handle           | GAX61             | GAX61             |
| Black handle                | GAX61B            | GAX61B            |
| Extension                   | 1                 | 1                 |
| Neutral plate terminal      | 1                 | 1                 |
| Earth/Ground plate terminal | 1                 | 1                 |

#### General characteristics

- Enclosure material: Polycarbonate
- For four-pole types not indicated, separately purchase corresponding fourth pole GAX4...A and install on enclosed 3-pole UL-suffix version
- Possible accessories to mount afterwards, if any required:
  - GAX30 to provide shielded cable connection continuity (e.g. with static converters)
  - GAZ016...GAZ040...: 1 contact block both on the right and left disconnector side unless 4th pole is installed
  - Other types: 2 contact blocks both on the right and left disconnector side unless 4th pole is installed
- Padlockable handles
- Sealable cover
- Tightening torque for cover screws:
  - GAZ016...GAZ040...UL and GAZ1...UL: 1.3Nm/16lbin
  - Other types: 1.5Nm/13lbin
- Degree of protection: IP65; UL/CSA Type 4/4X
- Cable entry:
  - GAZ016...GAZ040...UL and GAZ1...UL types: PG16/M25 and PG13.5/M20 knockouts
  - GAZ063SA...UL and GAZ2...UL types: PG16/M25 and PG29/M32 knockouts
  - GAZ063...GAZ125...UL types: Smooth surfaces; can be drilled by customer.

#### Certifications and compliance

Certifications obtained: EAC for all; cULus for GAZ016...GAZ125...UL, GAZ1...UL and GAZ2...UL types.  
Compliant with standards: IEC/EN 60947-3, IEC/EN 60947-1, UL 508 and CSA C22.2 no. 14 (up to GAZ063SA...), UL98A and CSA C22.2 n° 4 (for all others).

# Switch disconnectors

## GA series 16A to 160A

### Enclosed switch disconnectors

#### IEC/EN IP65 non-metallic enclosure



GAZ016...GAZ040...



GAZ063...100 C



GAZ125... GAZ160...

| Order code | IEC conventional free air thermal current I <sub>th</sub> AC21A (≤690V) | Qty per pkg | Wt   |
|------------|-------------------------------------------------------------------------|-------------|------|
|            | [A]                                                                     | n°          | [kg] |

THREE POLE.  
With red/yellow handle.

|           |     |   |       |
|-----------|-----|---|-------|
| GAZ016    | 16  | 1 | 0.450 |
| GAZ025    | 25  | 1 | 0.450 |
| GAZ032    | 32  | 1 | 0.450 |
| GAZ040    | 40  | 1 | 0.450 |
| GAZ063 SA | 63  | 1 | 0.870 |
| GAZ063 C  | 63  | 1 | 1.220 |
| GAZ080 C  | 80  | 1 | 1.220 |
| GAZ100 C  | 100 | 1 | 1.220 |
| GAZ125    | 125 | 1 | 2.220 |
| GAZ160    | 160 | 1 | 2.220 |

new

THREE POLE.  
With black handle.

|            |     |   |       |
|------------|-----|---|-------|
| GAZ016 B   | 16  | 1 | 0.450 |
| GAZ025 B   | 25  | 1 | 0.450 |
| GAZ032 B   | 32  | 1 | 0.450 |
| GAZ040 B   | 40  | 1 | 0.450 |
| GAZ063 SAB | 63  | 1 | 0.870 |
| GAZ063 CB  | 63  | 1 | 1.220 |
| GAZ080 CB  | 80  | 1 | 1.220 |
| GAZ100 CB  | 100 | 1 | 1.220 |
| GAZ125 B   | 125 | 1 | 2.220 |
| GAZ160 B   | 160 | 1 | 2.220 |

new

FOUR POLE.  
With red/yellow handle.

|             |     |   |       |
|-------------|-----|---|-------|
| GAZ016 T4   | 16  | 1 | 0.550 |
| GAZ032 T4   | 32  | 1 | 0.550 |
| GAZ040 T4   | 40  | 1 | 0.550 |
| GAZ063 SAT4 | 63  | 1 | 0.780 |
| GAZ063 CT4  | 63  | 1 | 1.250 |
| GAZ100 CT4  | 100 | 1 | 1.250 |
| GAZ125 T4   | 125 | 1 | 2.500 |
| GAZ160 T4   | 160 | 1 | 2.500 |

new

FOUR POLE.  
With black handle.

|              |     |   |       |
|--------------|-----|---|-------|
| GAZ016 T4B   | 16  | 1 | 0.550 |
| GAZ032 T4B   | 32  | 1 | 0.550 |
| GAZ040 T4B   | 40  | 1 | 0.550 |
| GAZ063 SAT4B | 63  | 1 | 0.780 |
| GAZ063 CT4B  | 63  | 1 | 1.250 |
| GAZ100 CT4B  | 100 | 1 | 1.250 |
| GAZ125 T4B   | 125 | 1 | 2.500 |
| GAZ160 T4B   | 160 | 1 | 2.500 |

new

| Components Enclosure | Switch disconnector | Handle |
|----------------------|---------------------|--------|
| GAZ1                 | GA016 A             | GAX61  |
| GAZ1                 | GA025 A             | GAX61  |
| GAZ1                 | GA032 A             | GAX61  |
| GAZ1                 | GA040 A             | GAX61  |
| GAZ2                 | GA063 SA            | GAX61  |
| GAZ2                 | GA063 A             | GAX61  |
| GAZ2                 | GA080 A             | GAX61  |
| GAZ2                 | GA100 A             | GAX61  |
| GAZ3                 | GA125 A             | GAX61  |
| GAZ3                 | GA160 A             | GAX61  |

|        |          |         |
|--------|----------|---------|
| GAZ1 B | GA016 A  | GAX61 B |
| GAZ1 B | GA025 A  | GAX61 B |
| GAZ1 B | GA032 A  | GAX61 B |
| GAZ1 B | GA040 A  | GAX61 B |
| GAZ2 B | GA063 SA | GAX61 B |
| GAZ2 B | GA063 A  | GAX61 B |
| GAZ2 B | GA080 A  | GAX61 B |
| GAZ2 B | GA100 A  | GAX61 B |
| GAZ3 B | GA125 A  | GAX61 B |
| GAZ3 B | GA160 A  | GAX61 B |

| Enclosure | Switch disconnector | 4th pole   | Handle |
|-----------|---------------------|------------|--------|
| GAZ1      | GA016 A             | GAX42040A  | GAX61  |
| GAZ1      | GA032 A             | GAX42040A  | GAX61  |
| GAZ1      | GA040 A             | GAX42040A  | GAX61  |
| GAZ2      | GA063 SA            | GAX42063SA | GAX61  |
| GAZ2      | GA063 A             | GAX42063A  | GAX61  |
| GAZ2      | GA100 A             | GAX42100A  | GAX61  |
| GAZ3      | GA125 A             | GAX42125A  | GAX61  |
| GAZ3      | GA160 A             | GAX42160A  | GAX61  |

|        |          |            |         |
|--------|----------|------------|---------|
| GAZ1 B | GA016 A  | GAX42040A  | GAX61 B |
| GAZ1 B | GA032 A  | GAX42040A  | GAX61 B |
| GAZ1 B | GA040 A  | GAX42040A  | GAX61 B |
| GAZ2 B | GA063 SA | GAX42063SA | GAX61 B |
| GAZ2 B | GA063 A  | GAX42063A  | GAX61 B |
| GAZ2 B | GA100 A  | GAX42100A  | GAX61 B |
| GAZ3 B | GA125 A  | GAX42125A  | GAX61 B |
| GAZ3 B | GA160 A  | GAX42160A  | GAX61 B |



# Switch disconnectors

## GA series 16A to 160A

### Enclosed switch disconnectors

#### UL/CSA Type 4/4X non-metallic enclosure



GAZ016...GAZ040...UL



GAZ063 SA UL



GAZ063 UL - GAZ125 UL

#### UL/CSA ratings

| Type       | 1 phase<br>[HP] |      | 3 phase<br>[HP] |      |      |      | General<br>use at<br>600VAC | Short-<br>circuit<br>rating at<br>600VAC | Fuse class -<br>max rating<br>at 600V |
|------------|-----------------|------|-----------------|------|------|------|-----------------------------|------------------------------------------|---------------------------------------|
|            | 120V            | 240V | 200-<br>208V    | 240V | 480V | 600V |                             |                                          |                                       |
| GAZ016...  | 1               | 2    | 5               | 5    | 10   | 10   | 16                          | 5                                        | RK5 - 20A                             |
| GAZ025...  | 1½              | 3    | 7½              | 7½   | 15   | 20   | 25                          | 5                                        | RK5 - 30A                             |
| GAZ032...  | 2               | 5    | 10              | 10   | 20   | 20   | 32                          | 5                                        | RK5 - 35A                             |
| GAZ040...  | 2               | 5    | 10              | 15   | 20   | 25   | 40                          | 5                                        | RK5 - 45A                             |
| GAZ063S... | 2               | 7½   | 10              | 15   | 30   | 30   | 60                          | 5                                        | RK5 - 45A                             |

NOTE: Above ratings are valid for GAZ016 - GAZ063S...UL types, according to UL508 and CSA 22.2 n°14.

UL Listed for USA and Canada (cULus - File E93602), as Manual Motor Controllers while UL designation is "GENERAL PURPOSE SWITCH. INTERRUPTEUR USAGE GENERAL" and "SUITABLE AS MOTOR DISCONNECT"; GAZ063S... pending.

| Type       | 1 phase<br>[HP] |      | 3 phase<br>[HP] |      |      |      | General<br>use at<br>600VAC | Short-<br>circuit<br>rating at<br>600VAC | Max fuse<br>rating<br>at 600V |
|------------|-----------------|------|-----------------|------|------|------|-----------------------------|------------------------------------------|-------------------------------|
|            | 120V            | 240V | 200-<br>208V    | 240V | 480V | 600V |                             |                                          |                               |
| GAZ063C... | 3               | 7½   | 20              | 20   | 40   | 40   | 60                          | 10                                       | 100                           |
| GAZ080...  | 3               | 10   | 25              | 25   | 40   | 40   | 100                         | 10                                       | 100                           |
| GAZ100...  | 5               | 10   | 30              | 30   | 50   | 50   | 100                         | 10                                       | 100                           |
| GAZ125...  | 7½              | 10   | 30              | 30   | 60   | 60   | 100                         | 10                                       | 100                           |

NOTE: Above ratings are valid for GAZ063C - GAZ125... types, according to UL98 and CSA C22.2 n°4.

For indication and reference purposes only while cCSAus is pending.

① Lower ratings in this same UL/CSA category are available on specific request for volume orders.

For information, consult Customer Service; see contact details on inside front cover.

② Voltage value not considered in UL98 / CSA 22.2 n°4 standards.

| Order<br>code | IEC conventional<br>free air thermal current Ith<br>AC21A (≤690V) | Qty<br>per<br>pkg | Wt   |
|---------------|-------------------------------------------------------------------|-------------------|------|
|               | [A]                                                               | n°                | [kg] |

THREE POLE.  
With red/yellow handle.

|              |     |   |       |
|--------------|-----|---|-------|
| GAZ016 UL    | 16  | 1 | 0.450 |
| GAZ025 UL    | 25  | 1 | 0.450 |
| GAZ032 UL    | 32  | 1 | 0.450 |
| GAZ040 UL    | 40  | 1 | 0.450 |
| GAZ063 SA UL | 63  | 1 | 0.870 |
| GAZ063 UL    | 63  | 1 | 1.220 |
| GAZ080 UL    | 80  | 1 | 2.220 |
| GAZ100 UL    | 100 | 1 | 2.220 |
| GAZ125 UL    | 125 | 1 | 2.220 |

THREE POLE.  
With black handle.

|               |     |   |       |
|---------------|-----|---|-------|
| GAZ016 B UL   | 16  | 1 | 0.450 |
| GAZ025 B UL   | 25  | 1 | 0.450 |
| GAZ032 B UL   | 32  | 1 | 0.450 |
| GAZ040 B UL   | 40  | 1 | 0.450 |
| GAZ063 SAB UL | 63  | 1 | 0.870 |
| GAZ063 B UL   | 63  | 1 | 1.220 |
| GAZ080 B UL   | 80  | 1 | 2.220 |
| GAZ100 B UL   | 100 | 1 | 2.220 |
| GAZ125 B UL   | 125 | 1 | 2.220 |

FOUR POLE.  
With red/yellow handle.

|              |     |   |       |
|--------------|-----|---|-------|
| GAZ016 T4 UL | 16  | 1 | 0.550 |
| GAZ032 T4 UL | 32  | 1 | 0.550 |
| GAZ063 T4 UL | 63  | 1 | 1.150 |
| GAZ100 T4 UL | 100 | 1 | 2.500 |
| GAZ125 T4 UL | 125 | 1 | 2.500 |

FOUR POLE.  
With black handle.

|               |     |   |       |
|---------------|-----|---|-------|
| GAZ016 T4B UL | 16  | 1 | 0.550 |
| GAZ032 T4B UL | 32  | 1 | 0.550 |
| GAZ063 T4B UL | 63  | 1 | 1.150 |
| GAZ100 T4B UL | 100 | 1 | 2.500 |
| GAZ125 T4B UL | 125 | 1 | 2.500 |

| Components<br>Enclosure | Switch<br>disconnecter | Handle |
|-------------------------|------------------------|--------|
| GAZ1 UL                 | GA016 A                | GAX61  |
| GAZ1 UL                 | GA025 A                | GAX61  |
| GAZ1 UL                 | GA032 A                | GAX61  |
| GAZ1 UL                 | GA040 A                | GAX61  |
| GAZ2 UL                 | GA063 SA               | GAX61  |
| GAZ3 ①                  | GA063 A                | GAX61  |
| GAZ3 ①                  | GA080 A                | GAX61  |
| GAZ3 ①                  | GA100 A                | GAX61  |
| GAZ3 ①                  | GA125 A                | GAX61  |

|           |                        |           |        |
|-----------|------------------------|-----------|--------|
| GAZ1 B UL | GA016 A                | GAX61 B   |        |
| GAZ1 B UL | GA025 A                | GAX61 B   |        |
| GAZ1 B UL | GA032 A                | GAX61 B   |        |
| GAZ1 B UL | GA040 A                | GAX61 B   |        |
| GAZ2 B UL | GA063 SA               | GAX61 B   |        |
| GAZ3 B ❶  | GA063 A                | GAX61 B   |        |
| GAZ3 B ❶  | GA080 A                | GAX61 B   |        |
| GAZ3 B ❶  | GA100 A                | GAX61 B   |        |
| GAZ3 B ❶  | GA125 A                | GAX61 B   |        |
| Enclosure | Switch<br>disconnector | 4th pole  | Handle |
| GAZ1 UL   | GA016 A                | GAX42040A | GAX61  |
| GAZ1 UL   | GA032 A                | GAX42040A | GAX61  |
| GAZ3 ❶    | GA063 A                | GAX42063A | GAX61  |
| GAZ3 ❶    | GA100 A                | GAX42100A | GAX61  |
| GAZ3 ❶    | GA125 A                | GAX42125A | GAX61  |

|           |         |           |         |
|-----------|---------|-----------|---------|
| GAZ1 B UL | GA016 A | GAX42040A | GAX61 B |
| GAZ1 B UL | GA032 A | GAX42040A | GAX61 B |
| GAZ3 B ①  | GA063 A | GAX42063A | GAX61 B |
| GAZ3 B ①  | GA100 A | GAX42100A | GAX61 B |
| GAZ3 B ①  | GA125 A | GAX42125A | GAX61 B |

① For major details contact our Customer Service office; see contact details on inside front cover.



# Switch disconnectors

## GA series 16A to 160A

### Enclosed changeover switches

#### UL/CSA Type 4/4X non-metallic enclosure



GAZ 025 E...GAZ 063SA E...



GAZ 080 E...  
GAZ 160 E...

**new**

**new**

| Order code | IEC conventional free air thermal current I <sub>th</sub> AC21A (≤690V) | IEC rated operational current I <sub>e</sub> |               | Qty per pkg | Wt   |
|------------|-------------------------------------------------------------------------|----------------------------------------------|---------------|-------------|------|
|            | [A]                                                                     | AC23B (≤400V)                                | AC23B (≤500V) |             |      |
|            | [A]                                                                     | [A]                                          | [A]           | n°          | [kg] |

3-pole line changeover switches I-O-II.

|                     |     |     |     |   |       |
|---------------------|-----|-----|-----|---|-------|
| <b>GAZ025 ET6</b>   | 25  | 25  | 25  | 1 | 1.060 |
| <b>GAZ040 ET6</b>   | 40  | 40  | 25  | 1 | 1.060 |
| <b>GAZ063SA ET6</b> | 63  | 45  | 25  | 1 | 1.070 |
| <b>GAZ080 ET6</b>   | 80  | 80  | 63  | 1 | 2.950 |
| <b>GAZ125 ET6</b>   | 125 | 125 | 100 | 1 | 2.950 |
| <b>GAZ160 ET6</b>   | 160 | 125 | 100 | 1 | 2.950 |

4-pole line changeover switches I-O-II.

|                     |     |     |     |   |       |
|---------------------|-----|-----|-----|---|-------|
| <b>GAZ025 ET8</b>   | 25  | 25  | 25  | 1 | 1.060 |
| <b>GAZ040 ET8</b>   | 40  | 40  | 25  | 1 | 1.060 |
| <b>GAZ063SA ET8</b> | 63  | 45  | 25  | 1 | 1.070 |
| <b>GAZ080 ET8</b>   | 80  | 80  | 63  | 1 | 2.950 |
| <b>GAZ125 ET8</b>   | 125 | 125 | 100 | 1 | 2.950 |
| <b>GAZ160 ET8</b>   | 160 | 125 | 100 | 1 | 2.950 |

#### Components

| Enclosure | Switch disconnectors      | Interlock | Handle  |
|-----------|---------------------------|-----------|---------|
| GAZ UL ❶  | 2x GA025A                 | GAX5000   | GAX67 B |
| GAZ UL ❶  | 2x GA040A                 | GAX5000   | GAX67 B |
| GAZ UL ❶  | 2x GA063SA                | GAX5000   | GAX67 B |
| GAZ3 ❶    | 2x GA080A                 | GAX5001   | GAX67 B |
| GAZ3 ❶    | 2x GA125A                 | GAX5001   | GAX67 B |
| GAZ3 ❶    | 2x GA160A                 | GAX5001   | GAX67 B |
| Enclosure | Switch disconnectors      | Interlock | Handle  |
| GAZ UL ❶  | 2x GA025A + 2x GAX42040A  | GAX5000   | GAX67 B |
| GAZ UL ❶  | 2x GA040A+ 2x GAX42040A   | GAX5000   | GAX67 B |
| GAZ UL ❶  | 2x GA063SA+ 2x GAX42063SA | GAX5000   | GAX67 B |
| GAZ3 ❶    | 2x GA080A+ 2x GAX42080A   | GAX5001   | GAX67 B |
| GAZ3 ❶    | 2x GA125A+ 2x GAX42125A   | GAX5001   | GAX67 B |
| GAZ3 ❶    | 2x GA160A+ 2x GAX42160A   | GAX5001   | GAX67 B |

❶ For major details contact our Customer Service office; see contact details on inside front cover.

#### General characteristics

- Enclosure material: Polycarbonate
- Possibility of fitting:
  - 2 contact blocks both on the right and left side for GAZ...ET6 types
  - 1 contact block both on the right and left side for GAZ...ET8 types
- Padlockable handle complete with extension
- Earth and neutral plate terminals
- Sealable enclosure cover
- Tightening torque for cover screws: 1.5Nm/13lbin
- Degree of protection: IP65; UL/CSA type 4/4X
- Cable entry:
  - GAZ025...GAZ063SA... types: PG16/M25 and PG29/M32 knockouts
  - GAZ080... and GAZ160... types: Smooth surfaces; can be drilled by customer.

#### Certifications and compliance

Certifications obtained: cULus (except GAZ160E...), EAC. Compliant with standards: IEC/EN 60947-3, IEC/EN 60947-1, UL 508 and CSA C22.2 no. 14 (up to GAZ063SA...), UL98A and CSA C22.2 no. 4 (for all others except GAZ160E...).

#### UL/CSA ratings

| Type       | 1 phase [HP] |      | 3 phase [HP] |      |      |      | General use at 600VAC | Short-circuit rating at 600VAC | Fuse class - max rating at 600V |
|------------|--------------|------|--------------|------|------|------|-----------------------|--------------------------------|---------------------------------|
|            | 120V         | 240V | 200-208V     | 240V | 480V | 600V |                       |                                |                                 |
| GAZ025...  | 1½           | 3    | 7½           | 7½   | 15   | 20   | 25                    | 5                              | RK5 - 30A                       |
| GAZ040...  | 2            | 5    | 10           | 15   | 20   | 25   | 40                    | 5                              | RK5 - 45A                       |
| GAZ063S... | 2            | 7½   | 10           | 15   | 30   | 30   | 60                    | 5                              | RK5 - 45A                       |

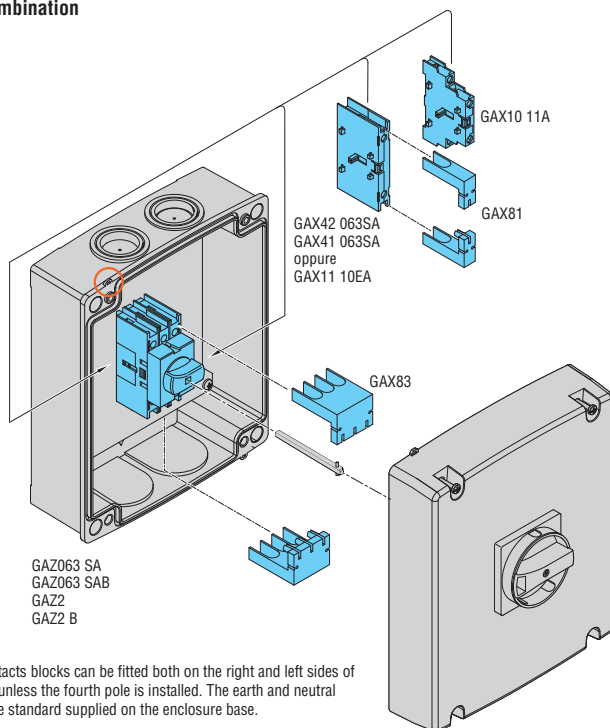
NOTE: Above ratings are valid for GAZ025-GAZ040ET... types, according to UL508 and CSA 22.2 n°14. For indication and references purposes only while cCSAus is pending.

| Type     | 1 phase [HP] |      | 3 phase [HP] |      |      |      | General use at 600VAC | Short-circuit rating at 600VAC | Max fuse rating at 600V |
|----------|--------------|------|--------------|------|------|------|-----------------------|--------------------------------|-------------------------|
|          | 120V         | 240V | 200-208V❶    | 240V | 480V | 600V |                       |                                |                         |
| GA080... | 3            | 10   | 25           | 25   | 40   | 40   | 100                   | 10                             | 100                     |
| GA125... | 7½           | 10   | 30           | 30   | 60   | 60   | 100                   | 10                             | 100                     |

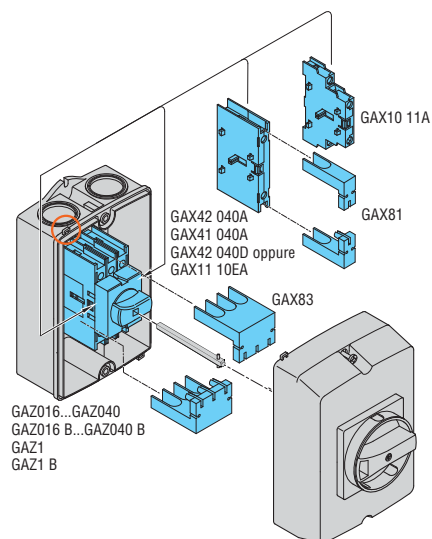
NOTE: Above ratings are valid for GAZ080-GAZ125ET... types, according to UL98 and CSA C22.2 n°4. For indication and references purposes only while cCSAus is pending.

❶ Voltage value not considered in UL98 / CSA 22.2 n°4 standards so not indicated in UL product marking.

### Maximum combination Enclosures

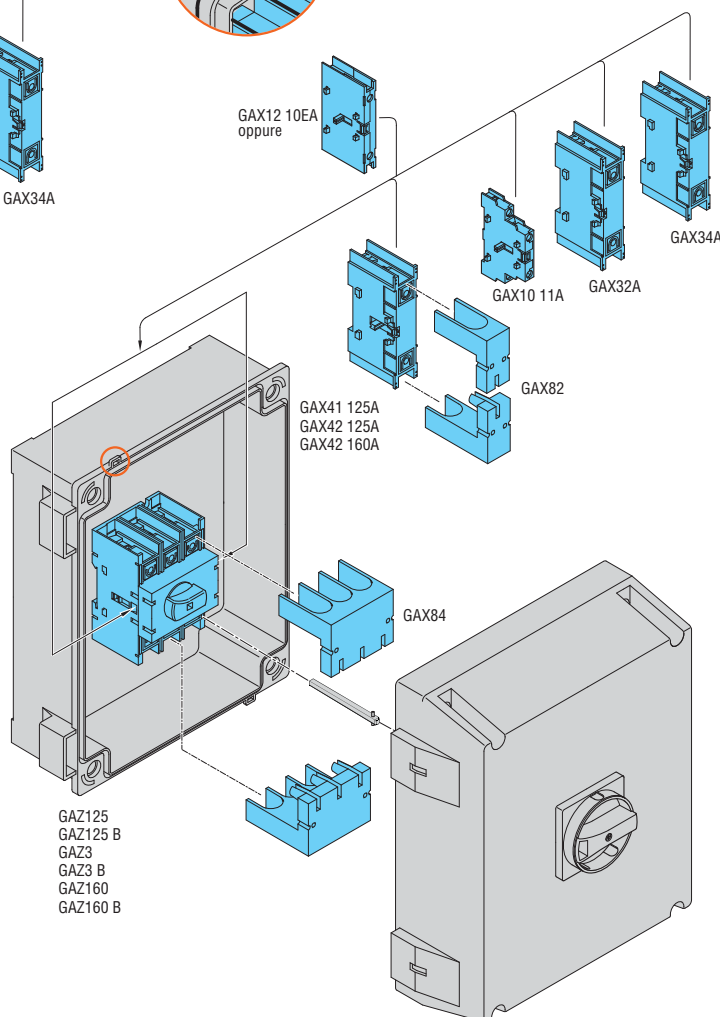
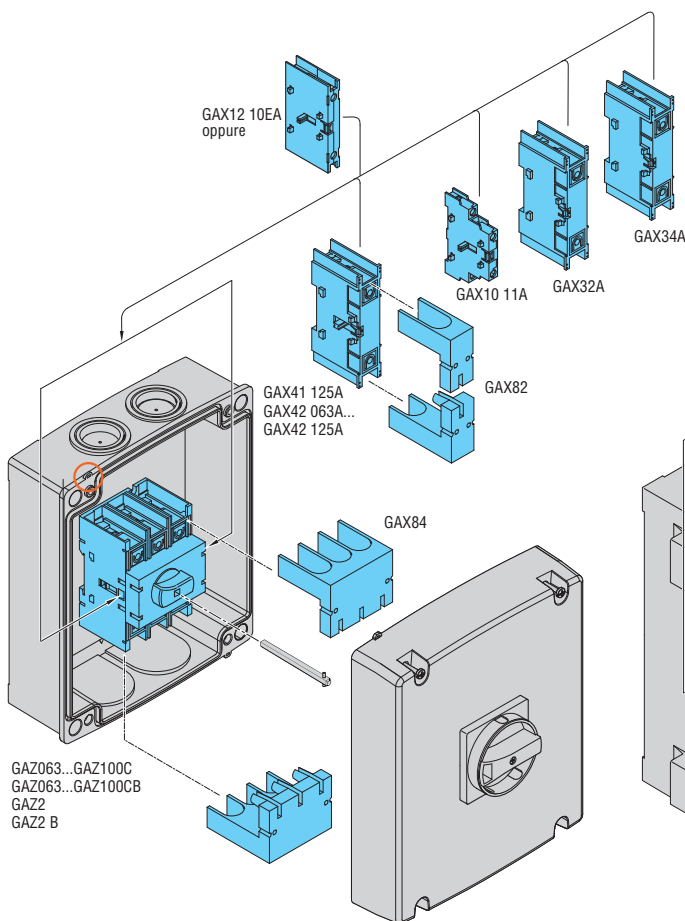
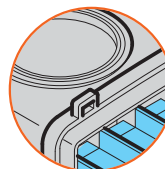


Two auxiliary contacts blocks can be fitted both on the right and left sides of the disconnector unless the fourth pole is installed. The earth and neutral plate terminals are standard supplied on the enclosure base.



One auxiliary contact block can be fitted on the right and left sides of the disconnector unless the fourth pole is installed. The earth and neutral plate terminals are standard supplied on the enclosure base.

### Sealing eyelet



Two auxiliary contact blocks can be fitted both on the right and left sides of the disconnector unless the fourth pole is installed. Earth and neutral plate terminals are standard supplied on the box base. If any earth/ground and/or neutral terminals are required, type GAX3..., purchase separately.