



### Contact characteristics

|                                                                            |         |         |
|----------------------------------------------------------------------------|---------|---------|
| IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$ | A       | 40      |
| Rated insulation voltage $U_i$ IEC/EN                                      | V       | 1000    |
| Rated impulse withstand voltage $U_{imp}$                                  | kV      | 8       |
| Operating current $I_e$                                                    |         |         |
| AC21A                                                                      |         |         |
|                                                                            | 400V    | A 40    |
|                                                                            | 500V    | A 40    |
|                                                                            | 690V    | A 40    |
| AC22A                                                                      |         |         |
|                                                                            | 400V    | A 40    |
|                                                                            | 500V    | A 40    |
|                                                                            | 690V    | A 40    |
| AC23A                                                                      |         |         |
|                                                                            | 400V    | A 40    |
|                                                                            | 500V    | A 25    |
|                                                                            | 690V    | A 25    |
| Power dissipation per pole max                                             | W       | 1       |
| Rated operational power AC23A                                              |         |         |
|                                                                            | 400V    | kW 18.5 |
|                                                                            | 690V    | kW 22   |
| Reactive power for control of capacitors at                                |         |         |
| Conditional short-circuit current (rms)                                    | kA      | 10      |
| Short-circuit protection with fuse                                         | Class/A | gG40    |
| Making capacity AC23A 400V                                                 | A       | 400     |
| Breaking capacity AC23A 400V                                               | A       | 320     |
| Mechanical life                                                            | cycles  | 100000  |
| Electrical life AC21A                                                      | cycles  | 100000  |

### Mechanical features

|                                 |                                    |                              |
|---------------------------------|------------------------------------|------------------------------|
| Operating position              | normal allowable                   | Vertical plan Any            |
| Terminals                       | type width mm height mm screw tool | Pillar 5.6 6.5 M4 Phillips 2 |
| Tightening torque for terminals | min Nm max Nm min lbin max lbin    | 1.8 2 16 18                  |
| Conductor section               | IEC min mm <sup>2</sup>            | 0.75                         |

|               |                 |    |
|---------------|-----------------|----|
| IEC max       | mm <sup>2</sup> | 16 |
| AWG/kcmil min |                 | 18 |
| AWG/kcmil max | kcmil           | 6  |

#### Ambient conditions

##### Operating temperature

|     |    |     |
|-----|----|-----|
| min | °C | -25 |
| max | °C | +55 |

##### Storage temperature

|     |    |     |
|-----|----|-----|
| min | °C | -40 |
| max | °C | +70 |

##### Max altitude

|   |      |
|---|------|
| m | 3000 |
|---|------|

#### Resistance & Protection

##### Frontal IP degree

IP65

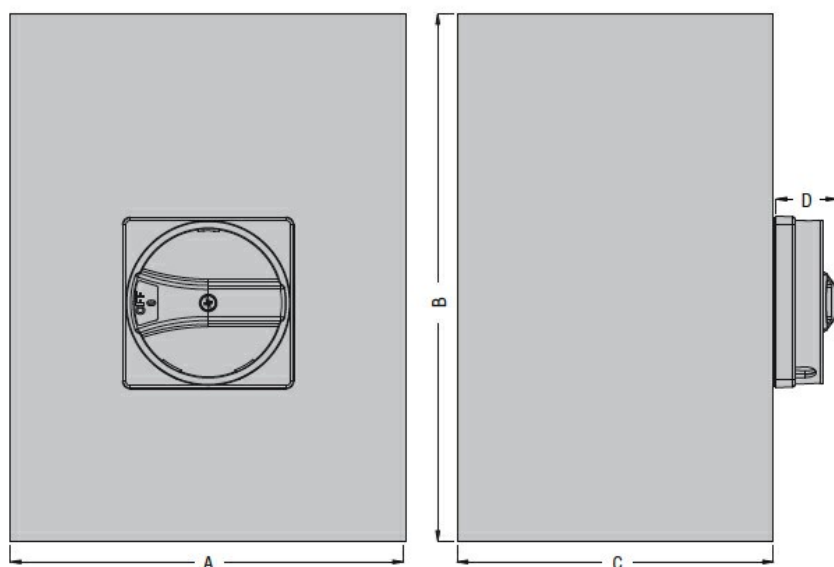
##### IP degree of protection

IP65

##### Pollution degree

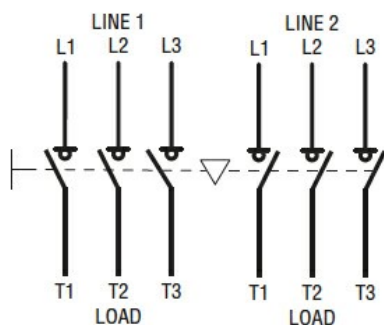
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#### Dimensions



| Type                       | A           | B           | C           | D          |
|----------------------------|-------------|-------------|-------------|------------|
| GAZM016 E...GAZM063SA E... | 150 (5.90") | 200 (7.87") | 120 (4.72") | 35 (1.38") |

#### Wiring diagrams



#### Certifications and compliance

##### Compliance

IEC/EN 60947-1

IEC/EN 60947-3

#### ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnector