



### Contact characteristics

|                                                                            |         |       |
|----------------------------------------------------------------------------|---------|-------|
| IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$ | A       | 100   |
| Rated insulation voltage $U_i$ IEC/EN                                      | V       | 1000  |
| Rated impulse withstand voltage $U_{imp}$                                  | kV      | 8     |
| Operating current $I_e$                                                    |         |       |
| AC21A                                                                      |         |       |
|                                                                            | 400V    | A 100 |
|                                                                            | 500V    | A 100 |
|                                                                            | 690V    | A 100 |
| AC22A                                                                      |         |       |
|                                                                            | 400V    | A 100 |
|                                                                            | 500V    | A 100 |
|                                                                            | 690V    | A 100 |
| AC23A                                                                      |         |       |
|                                                                            | 400V    | A 100 |
|                                                                            | 500V    | A 80  |
|                                                                            | 690V    | A 47  |
| Power dissipation per pole max                                             | W       | 4     |
| Rated operational power AC23A                                              |         |       |
|                                                                            | 400V    | kW 55 |
|                                                                            | 690V    | kW 45 |
| Reactive power for control of capacitors at                                |         |       |
| Conditional short-circuit current (rms)                                    | kA      | 50    |
| Short-circuit protection with fuse                                         | Class/A | gG100 |
| Making capacity AC23A 400V                                                 | A       | 1250  |
| Breaking capacity AC23A 400V                                               | A       | 1000  |
| Mechanical life                                                            | cycles  | 30000 |
| Electrical life AC21A                                                      | cycles  | 30000 |

### Mechanical features

|                                 |                                    |                                        |
|---------------------------------|------------------------------------|----------------------------------------|
| Operating position              | normal allowable                   | Vertical plan Any                      |
| Terminals                       | type width mm height mm screw tool | Pillar 12.4 10.4 M8 Metric Allen key 4 |
| Tightening torque for terminals | min max min max                    | Nm Nm lbin lbin 5 6 45 54              |
| Conductor section               | IEC min                            | mm <sup>2</sup> 4                      |

IEC/EN TYPE IP65 STAINLESS STEEL AISI 304 ENCLOSURE SWITCH DISCONNECTOR,  
THREE-POLE. WITH ROTATING BLACK HANDLE, 100A. ENCLOSURE DIMENSIONS:  
150X200X120MM/5.9X7.9X4.7"

|               |                 |    |
|---------------|-----------------|----|
| IEC max       | mm <sup>2</sup> | 70 |
| AWG/kcmil min |                 | 12 |
| AWG/kcmil max | kcmil           | 1  |

#### 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

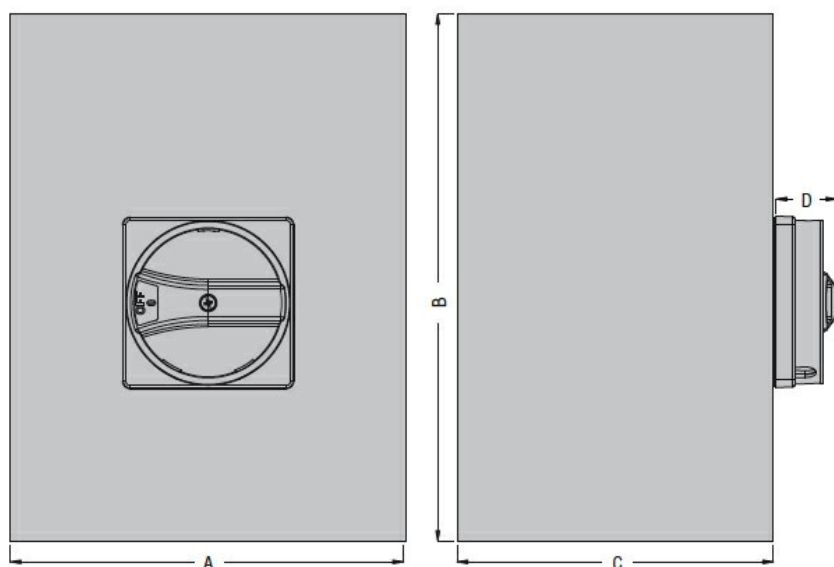
IP degree of protection

IP65

Pollution degree

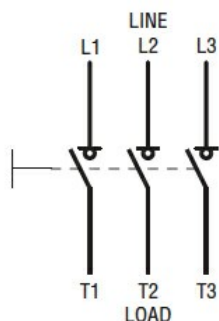
3

#### Dimensions



| Type                 | A           | B           | C           | D          |
|----------------------|-------------|-------------|-------------|------------|
| GAZS016...GAZS100... | 150 (5.90") | 200 (7.87") | 120 (4.72") | 23 (0.90") |

#### Wiring diagrams



#### Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

#### ETIM classification

IEC/EN TYPE IP65 STAINLESS STEEL AISI 304 ENCLOSURE SWITCH DISCONNECTOR,  
THREE-POLE. WITH ROTATING BLACK HANDLE, 100A. ENCLOSURE DIMENSIONS:  
150X200X120MM/5.9X7.9X4.7"

ETIM 8.0

EC000216 -  
Switch  
disconnecter