



#### Contact characteristics

|                                                                            |         |        |
|----------------------------------------------------------------------------|---------|--------|
| IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$ | A       | 315    |
| Rated insulation voltage $U_i$ IEC/EN                                      | V       | 1000   |
| Rated impulse withstand voltage $U_{imp}$                                  | kV      | 12     |
| Operating current $I_e$                                                    |         |        |
| AC21A                                                                      |         |        |
|                                                                            | 400V    | A 315  |
|                                                                            | 500V    | A 315  |
|                                                                            | 690V    | A 315  |
| AC22A                                                                      |         |        |
|                                                                            | 400V    | A 315  |
|                                                                            | 500V    | A 315  |
|                                                                            | 690V    | A 315  |
| AC23A                                                                      |         |        |
|                                                                            | 400V    | A 315  |
|                                                                            | 500V    | A 250  |
|                                                                            | 690V    | A 250  |
| Power dissipation per pole max                                             | W       | 6.5    |
| Rated operational power AC23A                                              |         |        |
|                                                                            | 400V    | kW 140 |
|                                                                            | 690V    | kW 250 |
| Reactive power for control of capacitors at                                |         |        |
| Conditional short-circuit current (rms)                                    | kA      | 100    |
| Short-circuit protection with fuse                                         | Class/A | gG/315 |
| Making capacity AC23A 400V                                                 | A       | 2500   |
| Breaking capacity AC23A 400V                                               | A       | 2000   |
| Mechanical life                                                            | cycles  | 10000  |
| Electrical life AC21A                                                      | cycles  | 0      |

#### Mechanical features

|                                 |                                                      |                                                                           |
|---------------------------------|------------------------------------------------------|---------------------------------------------------------------------------|
| Operating position              | normal<br>allowable                                  | Vertical plan<br>Any                                                      |
| Terminals                       | type<br>height                                       | mm<br>M8 x 25<br>0                                                        |
| Tightening torque for terminals | min<br>max<br>min<br>max                             | Nm<br>Nm<br>lbin<br>lbin<br>15<br>22<br>132<br>194                        |
| Conductor section               | IEC min<br>IEC max<br>AWG/kcmil min<br>AWG/kcmil max | mm <sup>2</sup><br>mm <sup>2</sup><br><br>kcmil<br>70<br>185<br>00<br>400 |

## 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

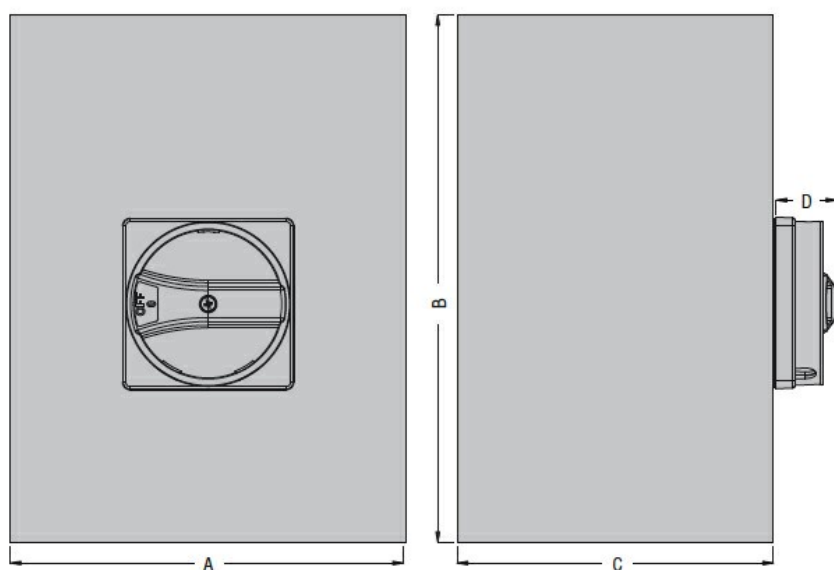
IP degree of protection

IP65

Pollution degree

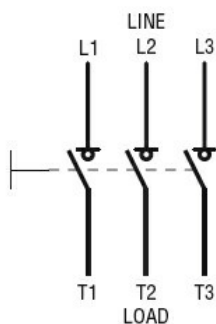
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## Dimensions



| Type                   | A            | B            | C           | D            |
|------------------------|--------------|--------------|-------------|--------------|
| GLZM0160...GLZM0315... | 300 (11.81") | 400 (15.75") | 250 (9.84") | 45,7 (1.80") |

## Wiring diagrams



## Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

## ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnecter