



### Contact characteristics

|                                                                            |         |        |
|----------------------------------------------------------------------------|---------|--------|
| IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$ | A       | 160    |
| Rated insulation voltage $U_i$ IEC/EN                                      | V       | 1000   |
| Rated impulse withstand voltage $U_{imp}$                                  | kV      | 12     |
| Operating current $I_e$                                                    |         |        |
| AC21A                                                                      |         |        |
|                                                                            | 400V    | A 160  |
|                                                                            | 500V    | A 160  |
|                                                                            | 690V    | A 160  |
| AC22A                                                                      |         |        |
|                                                                            | 400V    | A 160  |
|                                                                            | 500V    | A 160  |
|                                                                            | 690V    | A 160  |
| AC23A                                                                      |         |        |
|                                                                            | 400V    | A 160  |
|                                                                            | 500V    | A 160  |
|                                                                            | 690V    | A 160  |
| Power dissipation per pole max                                             | W       | 3.2    |
| Rated operational power AC23A                                              |         |        |
|                                                                            | 400V    | kW 90  |
|                                                                            | 690V    | kW 134 |
| Reactive power for control of capacitors at                                |         |        |
| Conditional short-circuit current (rms)                                    | kA      | 100    |
| Short-circuit protection with fuse                                         | Class/A | gG/160 |
| Making capacity AC23A 400V                                                 | A       | 1600   |
| Breaking capacity AC23A 400V                                               | A       | 1280   |
| Mechanical life                                                            | cycles  | 10000  |

### Mechanical features

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

### Ambient conditions

Operating temperature

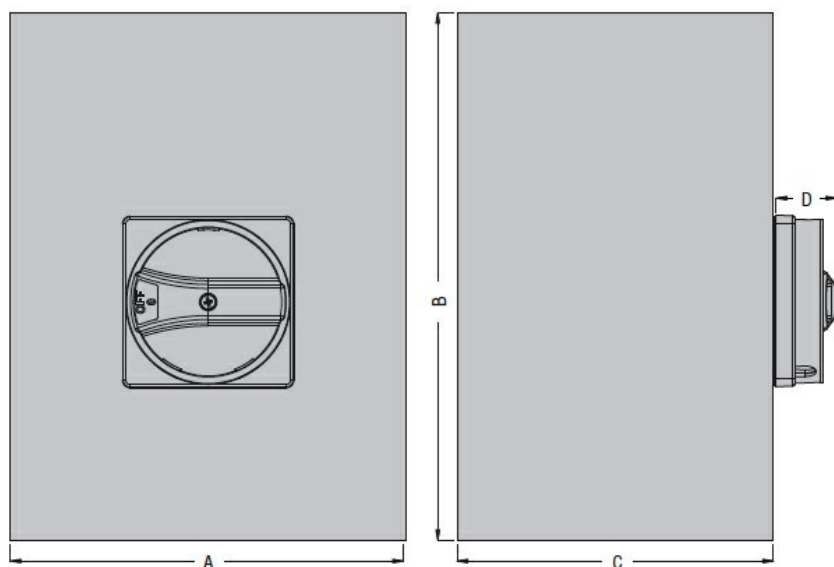
|                     |     |    |     |
|---------------------|-----|----|-----|
|                     | min | °C | -25 |
|                     | max | °C | +55 |
| Storage temperature |     |    |     |

|              |     |    |      |
|--------------|-----|----|------|
|              | min | °C | -40  |
|              | max | °C | +70  |
| Max altitude | m   |    | 3000 |

### Resistance & Protection

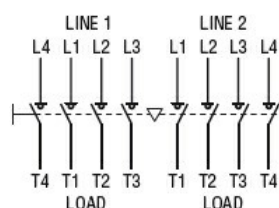
|                         |      |
|-------------------------|------|
| Frontal IP degree       | IP65 |
| IP degree of protection | IP65 |
| Pollution degree        | 3    |

### Dimensions



| Type                       | A            | B            | C           | D            |
|----------------------------|--------------|--------------|-------------|--------------|
| GLZM0160 E...GLZM0315 E... | 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 60947-6-1 |

### ETIM classification

|          |                                |
|----------|--------------------------------|
| ETIM 8.0 | EC000216 - Switch disconnecter |
|----------|--------------------------------|