



Product designation

Enclosed  
changeover  
switch

Product type designation

GLZM

Number of poles

Nr.

4

Operating voltage type

AC

**Contact characteristics**

IEC Conventional free air thermal current  $I_{th}$

A 200

Rated insulation voltage  $U_i$  IEC/EN

V 1000

Rated impulse withstand voltage  $U_{imp}$

kV 12

Operating current  $I_e$

AC21A

|      |   |     |
|------|---|-----|
| 400V | A | 250 |
| 500V | A | 250 |
| 690V | A | 250 |

AC22A

|      |   |     |
|------|---|-----|
| 400V | A | 250 |
| 500V | A | 250 |
| 690V | A | 250 |

AC23A

|      |   |     |
|------|---|-----|
| 400V | A | 250 |
| 500V | A | 250 |
| 690V | A | 250 |

Power dissipation per pole max

W 6.5

Rated operational power AC23A

|      |    |     |
|------|----|-----|
| 400V | kW | 140 |
| 690V | kW | 250 |

Conditional short-circuit current (rms)

kA 100

Short-circuit protection with fuse

Class/A gG/250

Making capacity AC23A 400V

A 2500

Breaking capacity AC23A 400V

A 2000

Mechanical life

cycles 10000

**Mechanical features**

Operating position

|           |               |
|-----------|---------------|
| normal    | Vertical plan |
| allowable | 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 |                 | 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

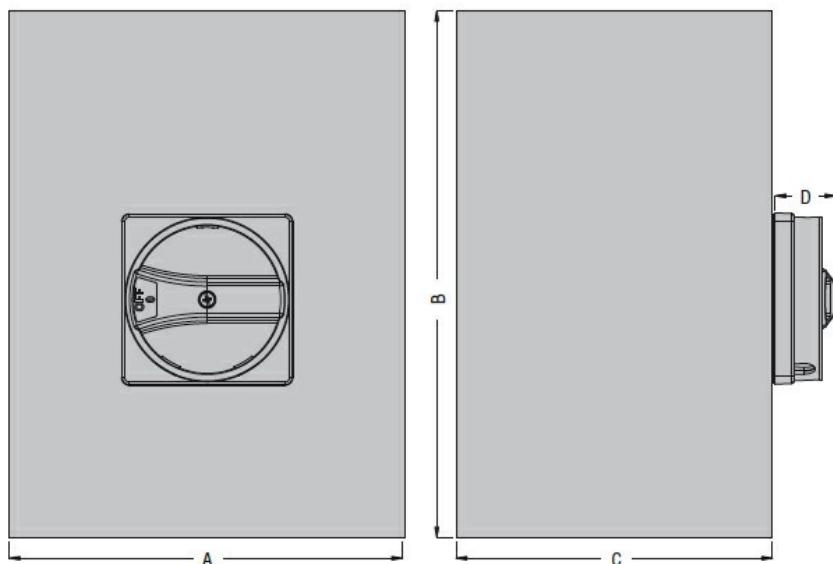
##### IP degree of protection

IP65

##### Pollution degree

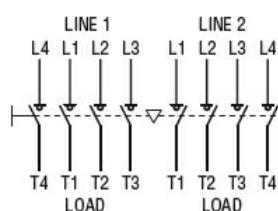
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#### Dimensions



| Type                       | A            | B            | C           | D            |
|----------------------------|--------------|--------------|-------------|--------------|
| GLZM0160 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  
disconnector