



| | | | | |
|---|------------------|----|------|----------------------------|
| Product designation | | | | Enclosed changeover switch |
| Product type designation | | | | GAZ |
| Number of poles | Nr. | | | 3 |
| Operating voltage type | | | | AC |
| Contact characteristics | | | | |
| IEC Conventional free air thermal current I _{th} | A | | | 160 |
| Rated insulation voltage U _i IEC/EN | V | | | 1000 |
| Rated impulse withstand voltage U _{imp} | kV | | | 8 |
| Operating current I _e | | | | |
| AC21A | 400V | A | 160 | |
| | 500V | A | 160 | |
| | 690V | A | 160 | |
| AC22A | 400V | A | 160 | |
| | 500V | A | 125 | |
| | 690V | A | 125 | |
| AC23A | 400V | A | 125 | |
| | 500V | A | 100 | |
| | 690V | A | 47 | |
| Power dissipation per pole max | W | | | 12 |
| Rated operational power AC23A | 400V | kW | 55 | |
| | 690V | kW | 45 | |
| Conditional short-circuit current (rms) | kA | | | 50 |
| Short-circuit protection with fuse | Class/A | | | gG160 |
| Making capacity AC23A 400V | A | | | 1250 |
| Breaking capacity AC23A 400V | A | | | 1000 |
| Mechanical life | cycles | | | 30000 |
| Electrical life AC21A | cycles | | | 1500 |
| Mechanical features | | | | |
| Operating position | normal allowable | | | Vertical plan Any |
| Terminals | type | | | Pillar |
| | width | mm | 12.4 | |
| | height | mm | 10.4 | |
| | screw | | | M8 |
| | tool | | | Metric Allen key 4 |
| Tightening torque for terminals | min | Nm | 5 | |

| | | |
|-----|------|----|
| max | Nm | 6 |
| min | Ibin | 45 |
| max | Ibin | 54 |

Conductor section

| | | |
|---------------|-----------------|----|
| IEC min | mm ² | 4 |
| IEC max | mm ² | 70 |
| AWG/kcmil min | | 12 |
| AWG/kcmil max | | 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

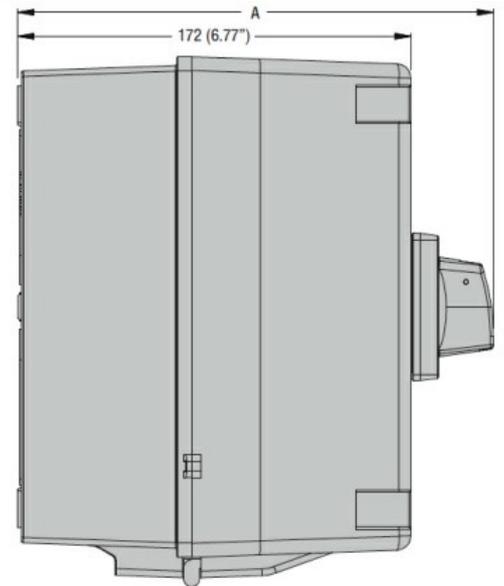
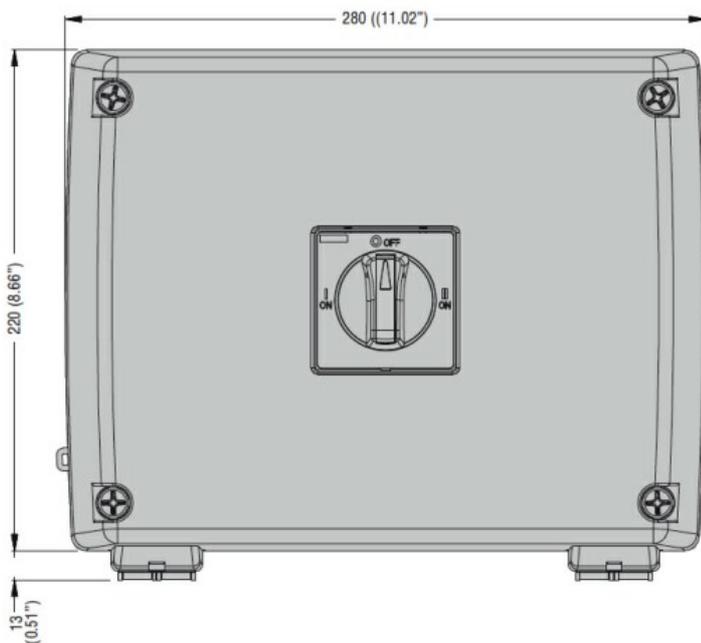
Frontal IP degree

IP65

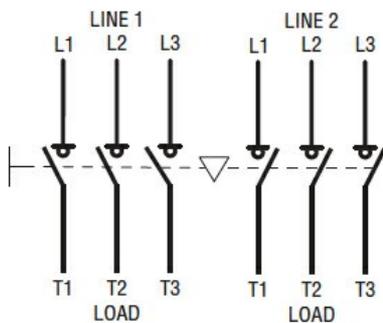
Pollution degree

3

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

Certifications

EAC

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnector