



| | | | | |
|---|------------------|------|-------------------|---------------------|
| Product designation | | | | Switch disconnecter |
| Product type designation | | | | GL |
| Number of poles | Nr. | | | 3 |
| Operating voltage type | | | | AC |
| Contact characteristics | | | | |
| IEC Conventional free air thermal current I _{th} | A | | | 630 |
| Rated insulation voltage U _i IEC/EN | V | | | 1000 |
| Rated impulse withstand voltage U _{imp} | kV | | | 12 |
| Operating current I _e | | | | |
| AC21A | 400V | A | 630 | |
| | 500V | A | 630 | |
| | 690V | A | 630 | |
| AC22A | 400V | A | 630 | |
| | 500V | A | 630 | |
| | 690V | A | 630 | |
| AC23A | 400V | A | 630 | |
| | 500V | A | 630 | |
| | 690V | A | 630 | |
| Power dissipation per pole max | W | | | 25 |
| Rated operational power AC23A | 400V | kW | 355 | |
| | 690V | kW | 630 | |
| Rated short time current (1s) I _{cw} (rms) | kA | | | 20 |
| Conditional short-circuit current (rms) | kA | | | 80 |
| Short-circuit protection with fuse | Class/A | | | gG/630 |
| Making capacity AC23A 400V | A | | | 6300 |
| Breaking capacity AC23A 400V | A | | | 5040 |
| Mechanical life | cycles | | | 5000 |
| Mechanical features | | | | |
| Operating position | normal allowable | | Vertical plan Any | |
| Fixing | Screw | | | |
| Terminals | type | | | M12 x 40 |
| Tightening torque for terminals | min | Nm | 50 | |
| | max | Nm | 75 | |
| | min | lbin | 442 | |
| | max | lbin | 664 | |
| Conductor section | | | | |

| | | |
|---------------|-----------------|-------|
| IEC min | mm ² | 2x240 |
| AWG/kcmil min | | 2 |
| AWG/kcmil max | | 4x600 |

Ambient conditions

Operating temperature

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

Storage temperature

| | | |
|-----|----|-----|
| min | °C | -40 |
| max | °C | +70 |

Max altitude

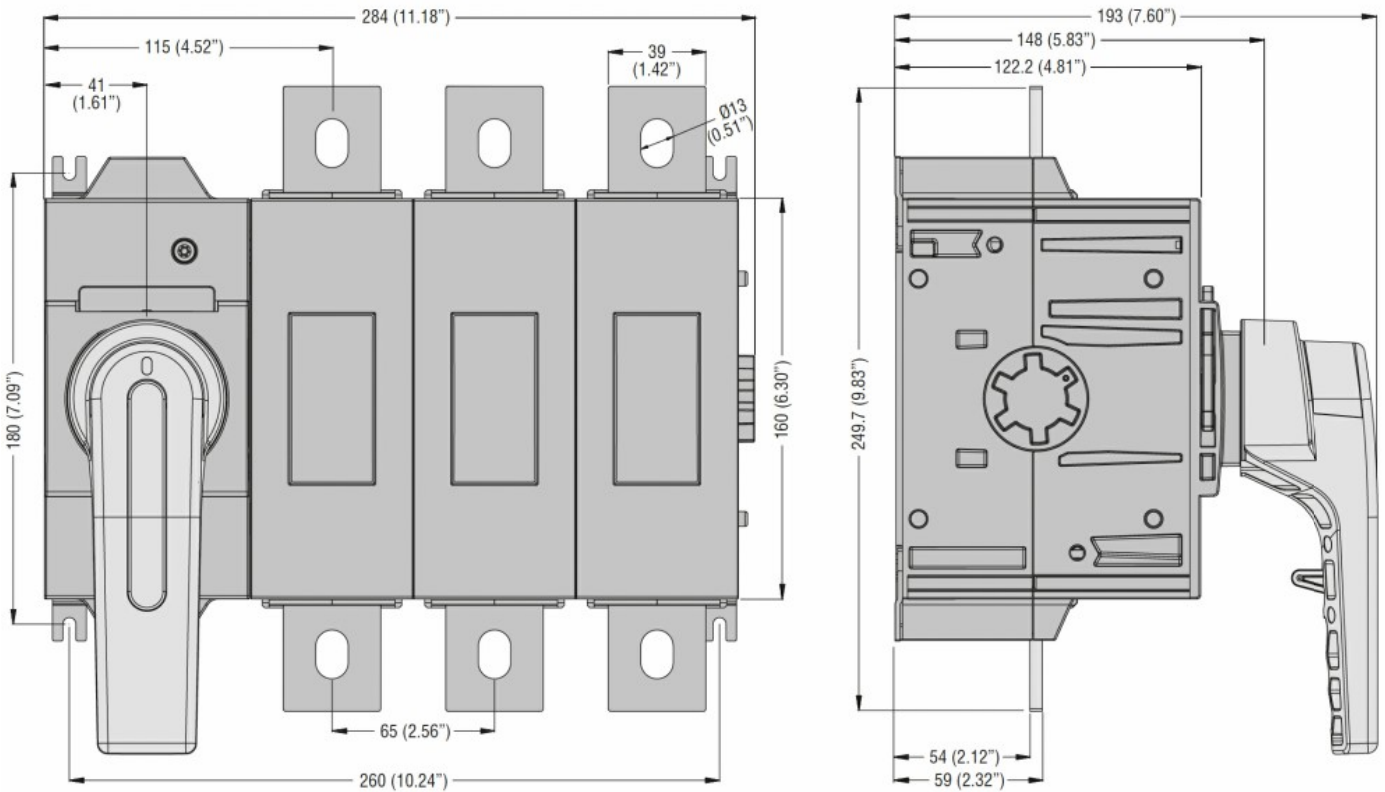
| | |
|---|------|
| m | 3000 |
|---|------|

Resistance & Protection

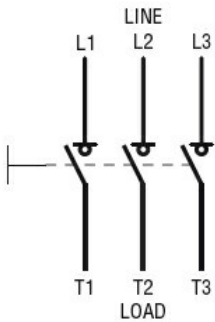
Pollution degree

3

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1
IEC/EN 60947-3

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter