



| | | | | |
|---|------------------|------|------|----------------------|
| Product designation | | | | Switch disconnecter |
| Product type designation | | | | GA |
| Number of poles | Nr. | | | 3 |
| Operating voltage type | | | | AC |
| Contact characteristics | | | | |
| IEC Conventional free air thermal current I _{th} | A | | | 80 |
| Rated insulation voltage U _i IEC/EN | V | | | 1000 |
| Rated impulse withstand voltage U _{imp} | kV | | | 8 |
| Operating current I _e | | | | |
| AC21A | | 400V | A | 80 |
| | | 500V | A | 80 |
| | | 690V | A | 80 |
| AC22A | | 400V | A | 80 |
| | | 500V | A | 80 |
| | | 690V | A | 80 |
| AC23A | | 400V | A | 80 |
| | | 500V | A | 63 |
| | | 690V | A | 47 |
| Power dissipation per pole max | W | | | 2.6 |
| Rated operational power AC23A | | 400V | kW | 45 |
| | | 690V | kW | 45 |
| Rated short time current (1s) I _{cw} (rms) | kA | | | 2.5 |
| Conditional short-circuit current (rms) | kA | | | 50 |
| Short-circuit protection with fuse | Class/A | | | gG80 |
| Making capacity AC23A 400V | A | | | 1250 |
| Breaking capacity AC23A 400V | A | | | 1000 |
| Mechanical life | cycles | | | 30000 |
| Electrical life AC21A | cycles | | | 30000 |
| Mechanical features | | | | |
| Operating position | normal allowable | | | Vertical plan Any |
| Fixing | | | | By screw on the door |
| 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 | lbin | 45 |
| max | lbin | 54 |

Conductor section

| | | |
|---------------|-----------------|----|
| IEC min | mm ² | 4 |
| IEC max | mm ² | 70 |
| AWG/kcmil min | | 12 |
| AWG/kcmil max | | 1 |

UL technical data

| | | | |
|---|------|---------|-------------------------------|
| UL Standard | | | UL98 |
| General purpose current rating | | A | IEC/EN UL98 CSA C22.2 n°4 |
| Operating voltage max | | V | IEC/EN UL98 CSA C22.2 n°4 |
| Horsepower/FLA current three phase motor | | | |
| | 240V | HP | IEC/EN UL98 CSA C22.2 n°4 |
| | 480V | HP | IEC/EN UL98 CSA C22.2 n°4 |
| | 600V | HP | IEC/EN UL98 CSA C22.2 n°4 |
| Short circuit rating | | kA rms | 50 (600V) / 100 (480V) |
| Short circuit rating with fuse | | Class/A | J/100A / CC-J- T/max. 200A |
| Minimum enclosure dimensions at rated current | | | |
| | mm | mm | 150x140x110 |
| | in | in | 5.9 x 5.5 x 4.3 |

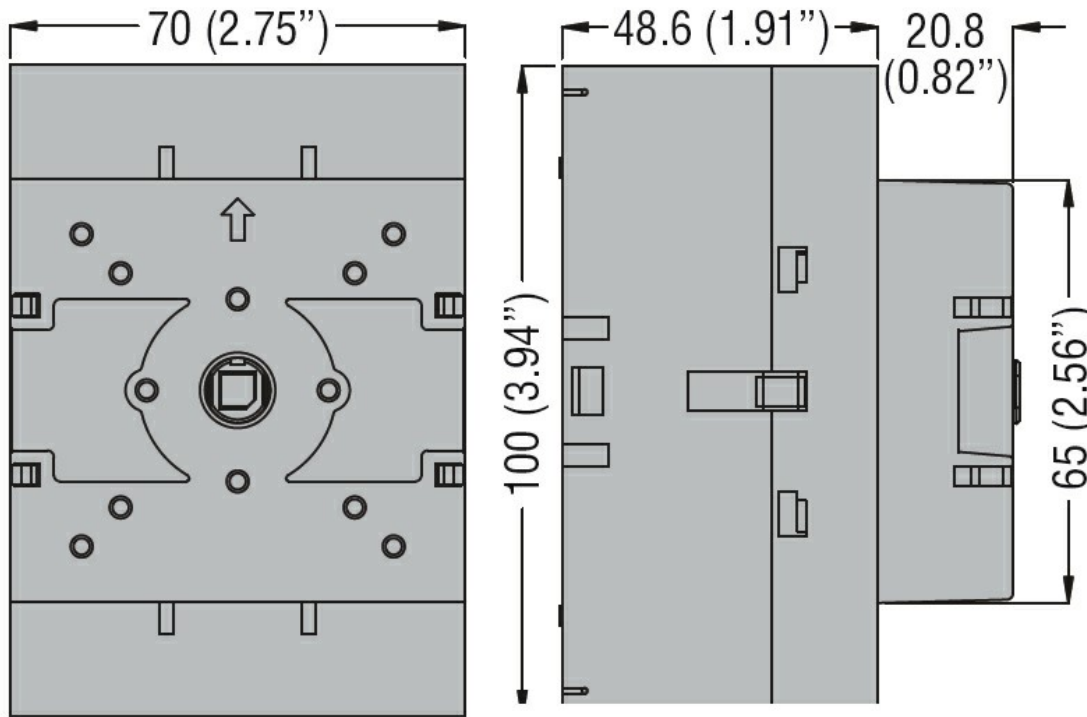
Ambient conditions

| | | | |
|-----------------------|-----|----|------|
| Operating temperature | | | |
| | min | °C | -25 |
| | max | °C | +55 |
| Storage temperature | | | |
| | min | °C | -40 |
| | max | °C | +70 |
| Max altitude | | m | 3000 |

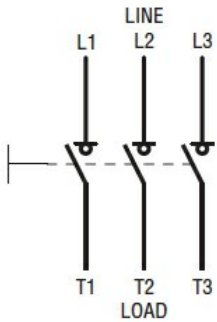
Resistance & Protection

| | | |
|-------------------|--|------|
| Frontal IP degree | | IP20 |
| Pollution degree | | 3 |

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n°4

IEC/EN 60947-1

IEC/EN 60947-3

UL98

Certifications

CCC

CSA C22.2 n°4

cULus according to UL98

EAC

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter