



| | | | | |
|---|--|--|--|---|
| Product designation | | | | Switch disconnector |
| 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 _{cs} (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 | | | | Screw / DIN rail 35mm |
| 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 100

Operating voltage max V 600

Horsepower/FLA current three phase motor

| | | |
|------|----|-------|
| 240V | HP | 25/68 |
| 480V | HP | 40/52 |
| 600V | HP | 40/41 |

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 |

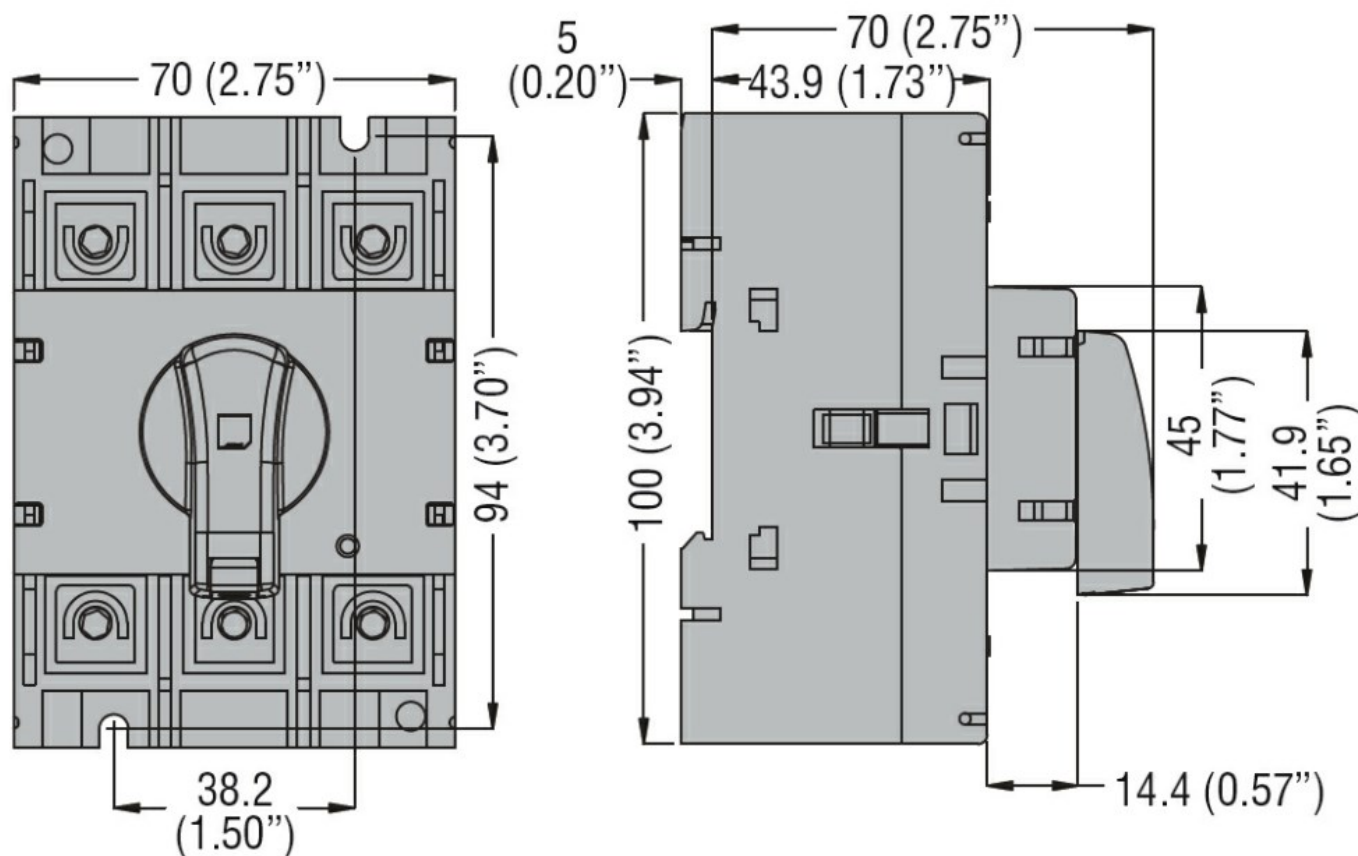
Max altitude m 3000

Resistance & Protection

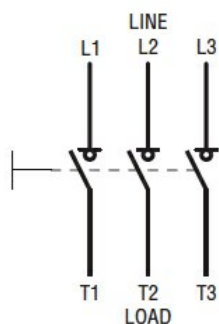
Frontal IP degree IP20

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