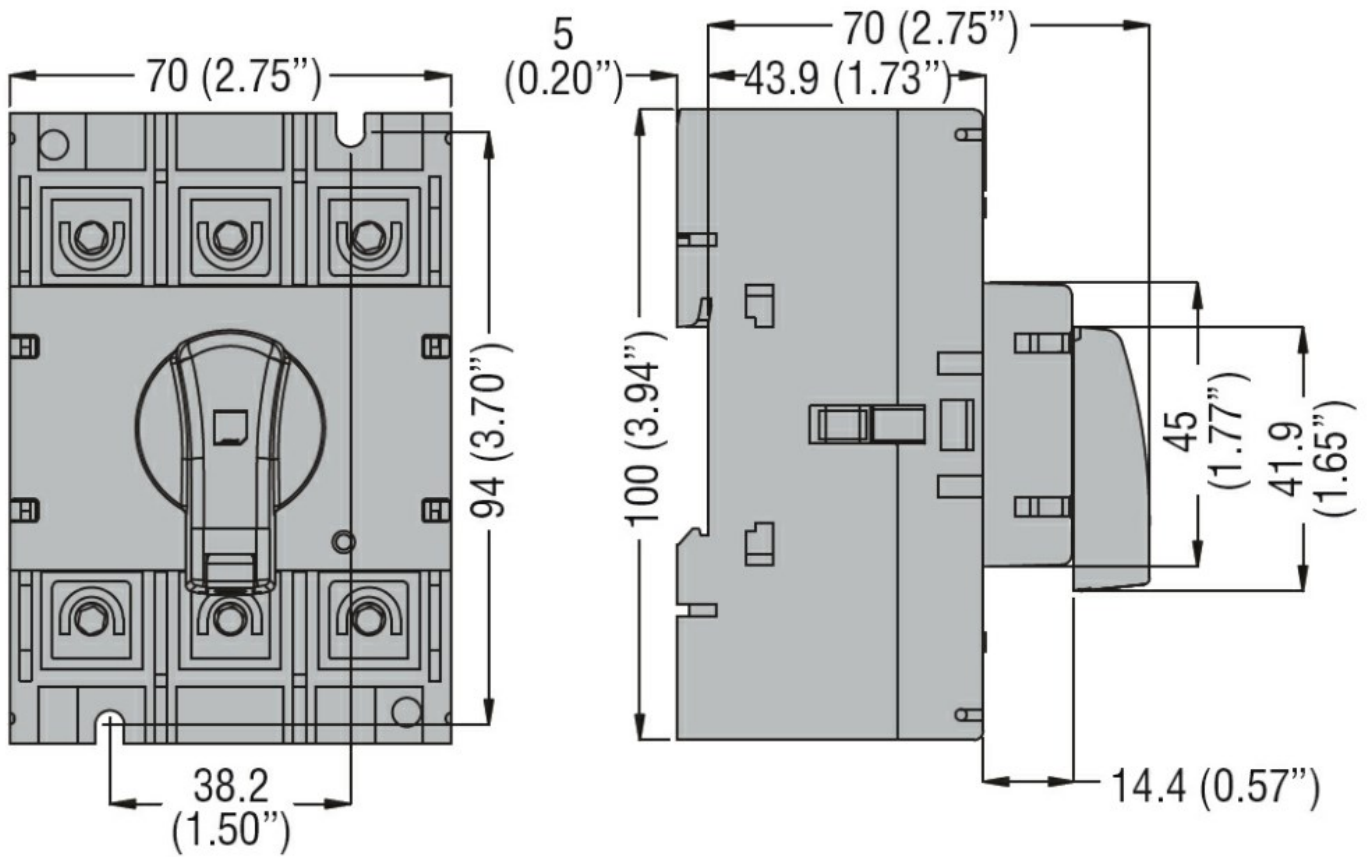


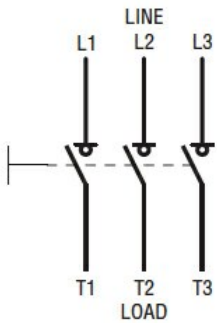


| | | | | |
|---|------|------------------|----|-----------------------|
| Product designation | | | | Switch disconnecter |
| Product type designation | | | | GA |
| Number of poles | | Nr. | | 3 |
| Operating voltage type | | | | AC |
| Contact characteristics | | | | |
| IEC Conventional free air thermal current I _{th} | | A | | 100 |
| Rated insulation voltage U _i IEC/EN | | V | | 1000 |
| Rated impulse withstand voltage U _{imp} | | kV | | 8 |
| Operating current I _e | | | | |
| AC21A | | | | |
| | 400V | A | | 100 |
| | 500V | A | | 100 |
| | 690V | A | | 100 |
| AC22A | | | | |
| | 400V | A | | 100 |
| | 500V | A | | 100 |
| | 690V | A | | 100 |
| AC23A | | | | |
| | 400V | A | | 100 |
| | 500V | A | | 80 |
| | 690V | A | | 47 |
| Power dissipation per pole max | | W | | 4 |
| Rated operational power AC23A | | | | |
| | 400V | kW | | 55 |
| | 690V | kW | | 45 |
| Conditional short-circuit current (rms) | | kA | | 50 |
| Short-circuit protection with fuse | | Class/A | | gG100 |
| 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 | I _{bin} | 45 |
| | max | I _{bin} | 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 | 30/80 |
| | 480V | HP | 50/65 |
| | 600V | HP | 50/52 |
| Short circuit rating | | kA rms | 50 |
| Short circuit rating with fuse | | Class/A | J/100 |
| 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