



|   |       |                     |        |                          |
|---|-------|---------------------|--------|--------------------------|
| Product designation                                       |       |                     |        | Switch<br>disconnector   |
| Product type designation                                  |       |                     |        | GA                       |
| Number of poles   |       | Nr.                 |        | 3                        |
| Operating voltage type                                    |       |                     |        | AC                       |
| <b>Contact characteristics</b>                            |       |                     |        |                          |
| IEC Conventional free air thermal current I <sub>th</sub> |       | A                   |        | 63                       |
| Rated insulation voltage U <sub>i</sub> IEC/EN            |       | V                   |        | 1000                     |
| Rated impulse withstand voltage U <sub>imp</sub>          |       | kV                  |        | 8                        |
| Operating current I <sub>e</sub>                          |       |                     |        |                          |
|   | AC21A |                     |        |                          |
|   |       | 400V                | A      | 63                       |
|   |       | 500V                | A      | 63                       |
|   |       | 690V                | A      | 63                       |
|   | AC22A |                     |        |                          |
|   |       | 400V                | A      | 63                       |
|   |       | 500V                | A      | 45                       |
|   |       | 690V                | A      | 45                       |
|   | AC23A |                     |        |                          |
|   |       | 400V                | A      | 45                       |
|   |       | 500V                | A      | 25                       |
|   |       | 690V                | A      | 25                       |
| Power dissipation per pole max                            |       |                     | W      | 2.9                      |
| Rated operational power AC23A                             |       |                     |        |                          |
|   |       | 400V                | kW     | 22                       |
|   |       | 690V                | kW     | 22                       |
| Rated short time current (1s) I <sub>cw</sub> (rms)       |       |                     | kA     | 0.8                      |
| Conditional short-circuit current (rms)                   |       |                     | kA     | 10                       |
| Short-circuit protection with fuse                        |       | Class/A             |        | gG63                     |
| Making capacity AC23A 400V                                |       | A                   |        | 450                      |
| Breaking capacity AC23A 400V                              |       | A                   |        | 360                      |
| Mechanical life   |       |                     | cycles | 100000                   |
| Electrical life AC21A                                     |       |                     | cycles | 15000                    |
| <b>Mechanical features</b>                                |       |                     |        |                          |
| Operating position  |       | normal<br>allowable |        | Vertical plan<br>Any     |
| Fixing  |       |                     |        | Screw / DIN rail<br>35mm |
| Terminals   |       |                     |        |                          |
|   |       | type                |        | Pillar                   |
|   |       | width               | mm     | 5.6                      |
|   |       | height              | mm     | 6.5                      |
|   |       | screw               |        | M4                       |
|   |       | tool                |        | Phillips 2               |

Tightening torque for terminals

|     |      |     |
|-----|------|-----|
| min | Nm   | 1.8 |
| max | Nm   | 2   |
| min | lbin | 16  |
| max | lbin | 18  |

Conductor section

|               |                 |      |
|---------------|-----------------|------|
| IEC min       | mm <sup>2</sup> | 0.75 |
| IEC max       | mm <sup>2</sup> | 16   |
| AWG/kcmil min |                 | 18   |
| AWG/kcmil max |                 | 6    |

UL technical data

UL Standard UL60947-4-1

General purpose current rating A 60

Horsepower/FLA current three phase motor

|      |    |       |
|------|----|-------|
| 240V | HP | 15/42 |
| 480V | HP | 30/40 |
| 600V | HP | 30/32 |

Short circuit rating kA rms 5

Short circuit rating with fuse Class/A RK5/45

Ambient conditions

Operating temperature

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

Storage temperature

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

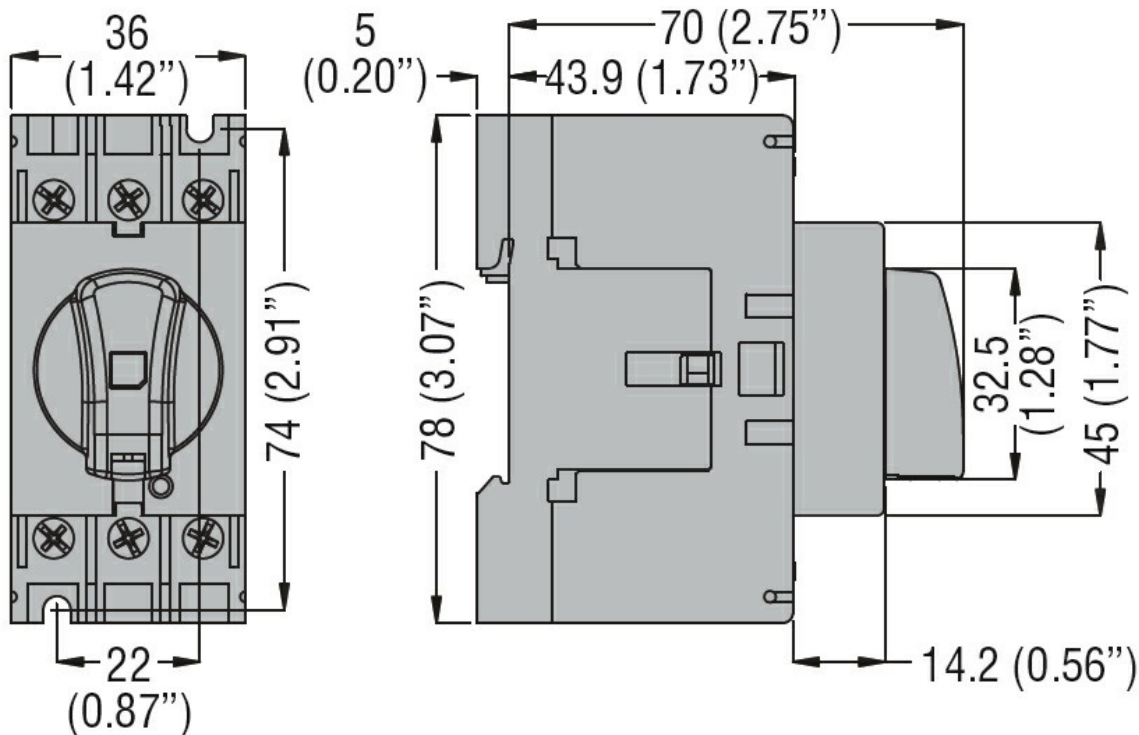
Max altitude m 3000

Resistance & Protection

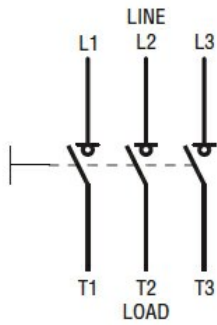
Frontal IP degree IP20

Pollution degree 3

Dimensions



### Wiring diagrams



### Certifications and compliance

#### Compliance

CSA C22.2 n°60947-4-1

IEC/EN 60947-1

IEC/EN 60947-3

UL60947-4-1

#### Certifications

CCC

CSA C22.2 n°60947-4-1

cULus according to UL60947-4-1

EAC

KEMA

### ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnecter