



|   |                         |                  |                      |                          |
|---|-------------------------|------------------|----------------------|--------------------------|
| Product designation                                       |                         |                  |                      | Switch disconnecter      |
| Product type designation                                  |                         |                  |                      | GA                       |
| Number of poles   |                         | Nr.              | 3                    |                          |
| Operating voltage type                                    |                         |                  |                      | DC                       |
| <b>Contact characteristics</b>                            |                         |                  |                      |                          |
| IEC Conventional free air thermal current I <sub>th</sub> |                         | A                | 40                   |                          |
| 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>                          |                         |                  |                      |                          |
|   | 2 poles in series DC21A |                  |                      |                          |
|   |                         | 300V             | A                    | 16                       |
|   | 3 poles in series DC21A |                  |                      |                          |
|   |                         | 48V              | A                    | 40                       |
|   |                         | 110V             | A                    | 35                       |
|   |                         | 220V             | A                    | 32                       |
|   |                         | 500V             | A                    | 12                       |
|   | 4 poles in series DC21A |                  |                      |                          |
|   |                         | 400V             | A                    | 35                       |
|   |                         | 440V             | A                    | 32                       |
|   |                         | 500V             | A                    | 32                       |
|   |                         | 600V             | A                    | 20                       |
|   |                         | 700V             | A                    | 15                       |
|   |                         | 750V             | A                    | 15                       |
|   |                         | 800V             | A                    | 15                       |
| Power dissipation per pole max                            |                         |                  | W                    | 1                        |
| Mechanical life   |                         |                  | cycles               | 100000                   |
| <b>Mechanical features</b>                                |                         |                  |                      |                          |
| Operating position  |                         | normal 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  |

**Ambient conditions**

Operating temperature

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

Storage temperature

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

Max altitude

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

**Resistance & Protection**

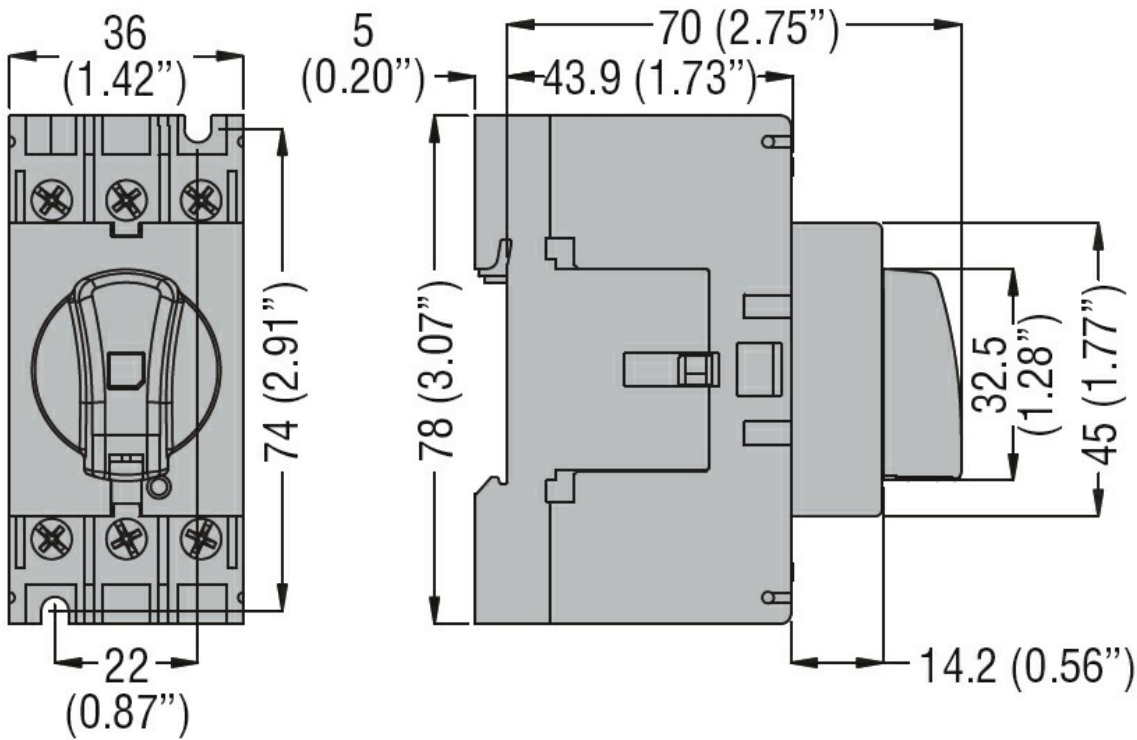
Frontal IP degree

IP20

Pollution degree

3

**Dimensions**



**Certifications and compliance**

Compliance

CSA C22.2 n°60947-4-1

IEC/EN 60947-1

IEC/EN 60947-3

UL60947-4-1

Certifications

CSA C22.2 n°60947-4-1

cULus according to UL60947-4-1

EAC

KEMA

**ETIM classification**

ETIM 8.0

EC000216 -  
Switch  
disconnecter