



### Contact characteristics

|                                                                            |         |          |
|----------------------------------------------------------------------------|---------|----------|
| IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$ | A       | 315      |
| Rated insulation voltage $U_i$ IEC/EN                                      | V       | 1000     |
| Rated impulse withstand voltage $U_{imp}$                                  | kV      | 12       |
| Operating current $I_e$                                                    |         |          |
| AC21A                                                                      |         |          |
|                                                                            | 400V    | A 315    |
|                                                                            | 500V    | A 315    |
|                                                                            | 690V    | A 315    |
|                                                                            | 1000V   | A 315    |
| AC22A                                                                      |         |          |
|                                                                            | 400V    | A 315    |
|                                                                            | 500V    | A 315    |
|                                                                            | 690V    | A 315    |
| AC23A                                                                      |         |          |
|                                                                            | 400V    | A 315    |
|                                                                            | 500V    | A 250    |
|                                                                            | 690V    | A 250    |
|                                                                            | 1000V   | A 135    |
| Power dissipation per pole max                                             | W       | 6.5      |
| Rated operational power AC23A                                              |         |          |
|                                                                            | 400V    | kW 140   |
|                                                                            | 690V    | kW 250   |
| Reactive power for control of capacitors at                                |         |          |
|                                                                            | 400V    | kvar 145 |
| Rated short time current (1s) $I_{cw}$ (rms)                               | kA      | 6        |
| Rated short time current (0.3s) $I_{cw}$ (rms)                             | kA      | 12       |
| Conditional short-circuit current (rms)                                    | kA      | 100      |
| Short-circuit protection with fuse                                         | Class/A | gG/315   |
| Making capacity AC23A 400V                                                 | A       | 2500     |
| Breaking capacity AC23A 400V                                               | A       | 2000     |
| Mechanical life                                                            | cycles  | 20000    |

### Mechanical features

|                                 |                     |                      |
|---------------------------------|---------------------|----------------------|
| Operating position              | normal<br>allowable | Vertical plan<br>Any |
| Fixing                          |                     | Screw                |
| Terminals                       | type                | M8 x 25              |
| Tightening torque for terminals |                     |                      |
|                                 | min                 | Nm 15                |
|                                 | max                 | Nm 22                |
|                                 | min                 | lbin 132             |
|                                 | max                 | lbin 194             |

### Conductor section

|               |                 |     |
|---------------|-----------------|-----|
| IEC min       | mm <sup>2</sup> | 70  |
| IEC max       | mm <sup>2</sup> | 185 |
| AWG/kcmil min |                 | 00  |
| AWG/kcmil max | kcmil           | 400 |

**Ambient conditions**

|                       |     |    |     |
|-----------------------|-----|----|-----|
| Operating temperature | min | °C | -25 |
|                       | max | °C | +55 |

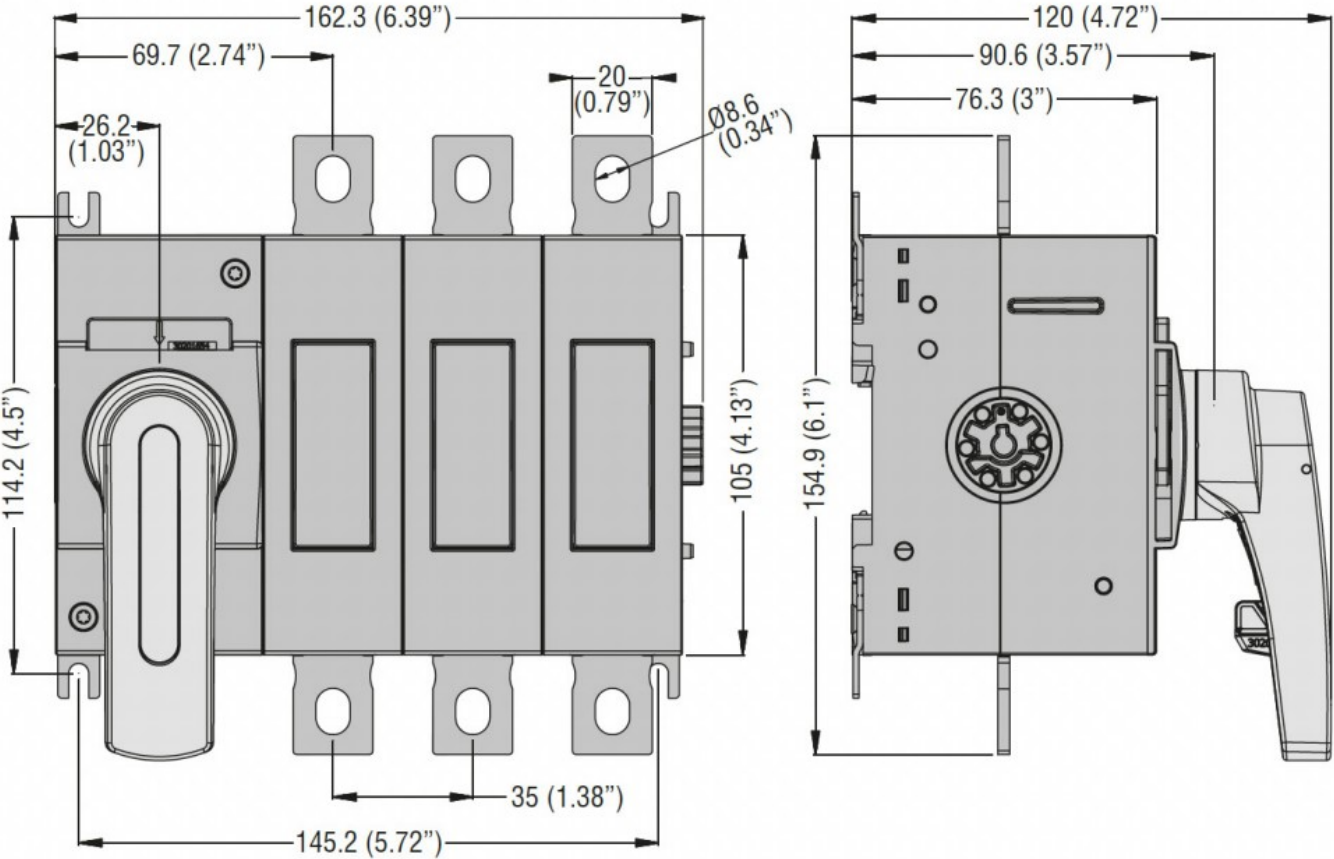
|                     |     |    |     |
|---------------------|-----|----|-----|
| Storage temperature | min | °C | -40 |
|                     | max | °C | +70 |

|              |   |      |
|--------------|---|------|
| Max altitude | m | 3000 |
|--------------|---|------|

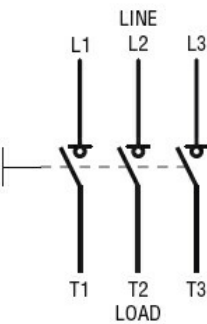
**Resistance & Protection**

|                  |   |
|------------------|---|
| Pollution degree | 3 |
|------------------|---|

**Dimensions**



**Wiring diagrams**



**Certifications and compliance**

Compliance

IEC/EN 60947-1  
IEC/EN 60947-3

ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnector