



### Contact characteristics

|                                                                            |         |          |
|----------------------------------------------------------------------------|---------|----------|
| IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$ | A       | 400      |
| Rated insulation voltage $U_i$ IEC/EN                                      | V       | 1000     |
| Rated impulse withstand voltage $U_{imp}$                                  | kV      | 12       |
| Operating current $I_e$                                                    |         |          |
| AC21A                                                                      |         |          |
|                                                                            | 400V    | A 400    |
|                                                                            | 500V    | A 400    |
|                                                                            | 690V    | A 400    |
| AC22A                                                                      |         |          |
|                                                                            | 400V    | A 400    |
|                                                                            | 500V    | A 400    |
|                                                                            | 690V    | A 400    |
| AC23A                                                                      |         |          |
|                                                                            | 400V    | A 400    |
|                                                                            | 500V    | A 400    |
|                                                                            | 690V    | A 400    |
| Power dissipation per pole max                                             | W       | 26       |
| Rated operational power AC23A                                              |         |          |
|                                                                            | 400V    | kW 200   |
|                                                                            | 690V    | kW 400   |
| Reactive power for control of capacitors at                                |         |          |
|                                                                            | 400V    | kvar 180 |
| Rated short time current (1s) $I_{cw}$ (rms)                               | kA      | 12.5     |
| Rated short time current (0.3s) $I_{cw}$ (rms)                             | kA      | 20       |
| Conditional short-circuit current (rms)                                    | kA      | 80       |
| Short-circuit protection with fuse                                         | Class/A | J/400    |
| Making capacity AC23A 400V                                                 | A       | 4000     |
| Breaking capacity AC23A 400V                                               | A       | 3200     |
| Mechanical life                                                            | cycles  | 10000    |

### Mechanical features

|                                 |                     |                       |
|---------------------------------|---------------------|-----------------------|
| Operating position              | normal<br>allowable | Vertical plan<br>Any  |
| Fixing                          |                     | Screw                 |
| Terminals                       | type                | M10 x 25              |
| Tightening torque for terminals |                     |                       |
|                                 | min                 | Nm 30                 |
|                                 | max                 | Nm 37                 |
|                                 | min                 | lbin 265              |
|                                 | max                 | lbin 327              |
| Conductor section               |                     |                       |
|                                 | IEC min             | mm <sup>2</sup> 1x185 |
|                                 | IEC max             | mm <sup>2</sup> 2x185 |

|               |       |
|---------------|-------|
| AWG/kcmil min | 1x400 |
| AWG/kcmil max | 2x350 |

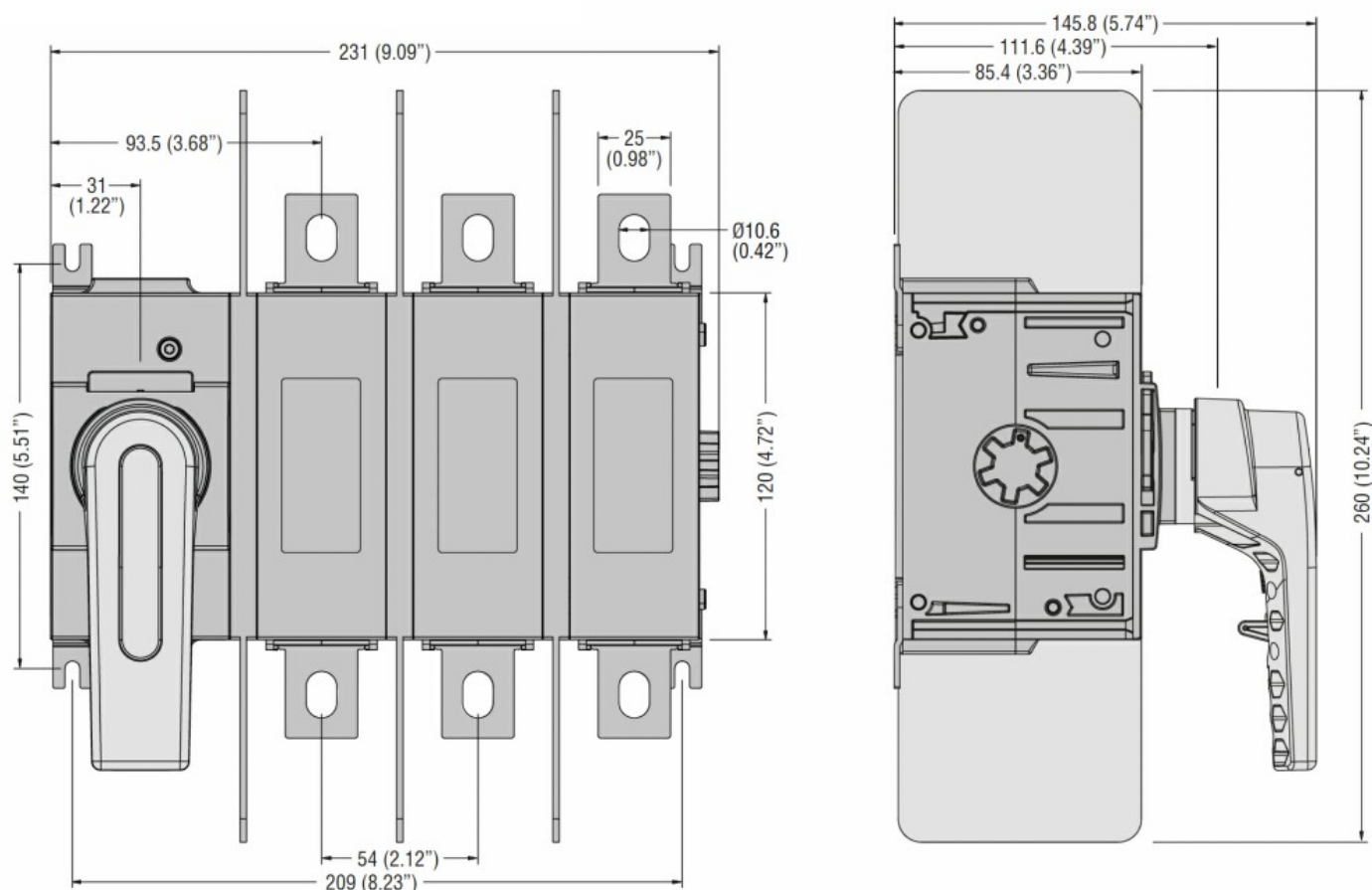
#### UL technical data

|                                               |                         |
|-----------------------------------------------|-------------------------|
| UL Standard                                   | UL98                    |
| General purpose current rating                | A 400                   |
| Operating voltage max                         | V 600                   |
| Horsepower/FLA current three phase motor      |                         |
|                                               | 240V HP/A 125/312       |
|                                               | 480V HP/A 250/302       |
|                                               | 600V HP/A 350/336       |
| Short circuit rating                          | kA rms 100              |
| Short circuit rating with fuse                | Class/A J/400           |
| UL Terminal kit lugs                          | GLX502-<br>GLX503       |
| Minimum enclosure dimensions at rated current |                         |
|                                               | mm mm 950 x 350 x 200   |
|                                               | in in 37.4 x 13.8 x 7.9 |

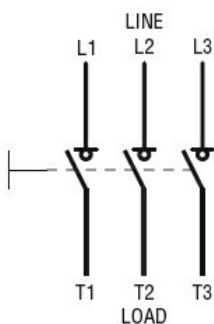
#### Ambient conditions

|                       |            |
|-----------------------|------------|
| Operating temperature |            |
|                       | min °C -25 |
|                       | max °C +55 |
| Storage temperature   |            |
|                       | min °C -40 |
|                       | max °C +70 |
| Max altitude          | m 3000     |

#### Dimensions



## Wiring diagrams



## Certifications and compliance

### Compliance

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

### Certifications

cULus

## ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnecter