



#### Contact characteristics

|                                                                            |         |          |
|----------------------------------------------------------------------------|---------|----------|
| IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$ | A       | 200      |
| Rated insulation voltage $U_i$ IEC/EN                                      | V       | 1000     |
| Rated impulse withstand voltage $U_{imp}$                                  | kV      | 12       |
| Operating current $I_e$                                                    |         |          |
| AC21A                                                                      |         |          |
|                                                                            | 400V    | A 200    |
|                                                                            | 500V    | A 200    |
|                                                                            | 690V    | A 200    |
| AC22A                                                                      |         |          |
|                                                                            | 400V    | A 200    |
|                                                                            | 500V    | A 200    |
|                                                                            | 690V    | A 200    |
| AC23A                                                                      |         |          |
|                                                                            | 400V    | A 200    |
|                                                                            | 500V    | A 200    |
|                                                                            | 690V    | A 200    |
| Power dissipation per pole max                                             | W       | 4        |
| Rated operational power AC23A                                              |         |          |
|                                                                            | 400V    | kW 110   |
|                                                                            | 690V    | kW 200   |
| Reactive power for control of capacitors at                                |         |          |
|                                                                            | 400V    | kvar 100 |
| 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 | J/200    |
| Making capacity AC23A 400V                                                 | A       | 2000     |
| Breaking capacity AC23A 400V                                               | A       | 1600     |
| Mechanical life                                                            | cycles  | 20000    |

#### Mechanical features

|                                 |                     |                          |
|---------------------------------|---------------------|--------------------------|
| Operating position              | normal<br>allowable | Vertical plan<br>Any     |
| Fixing                          |                     | Screw / DIN rail<br>35mm |
| 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 |

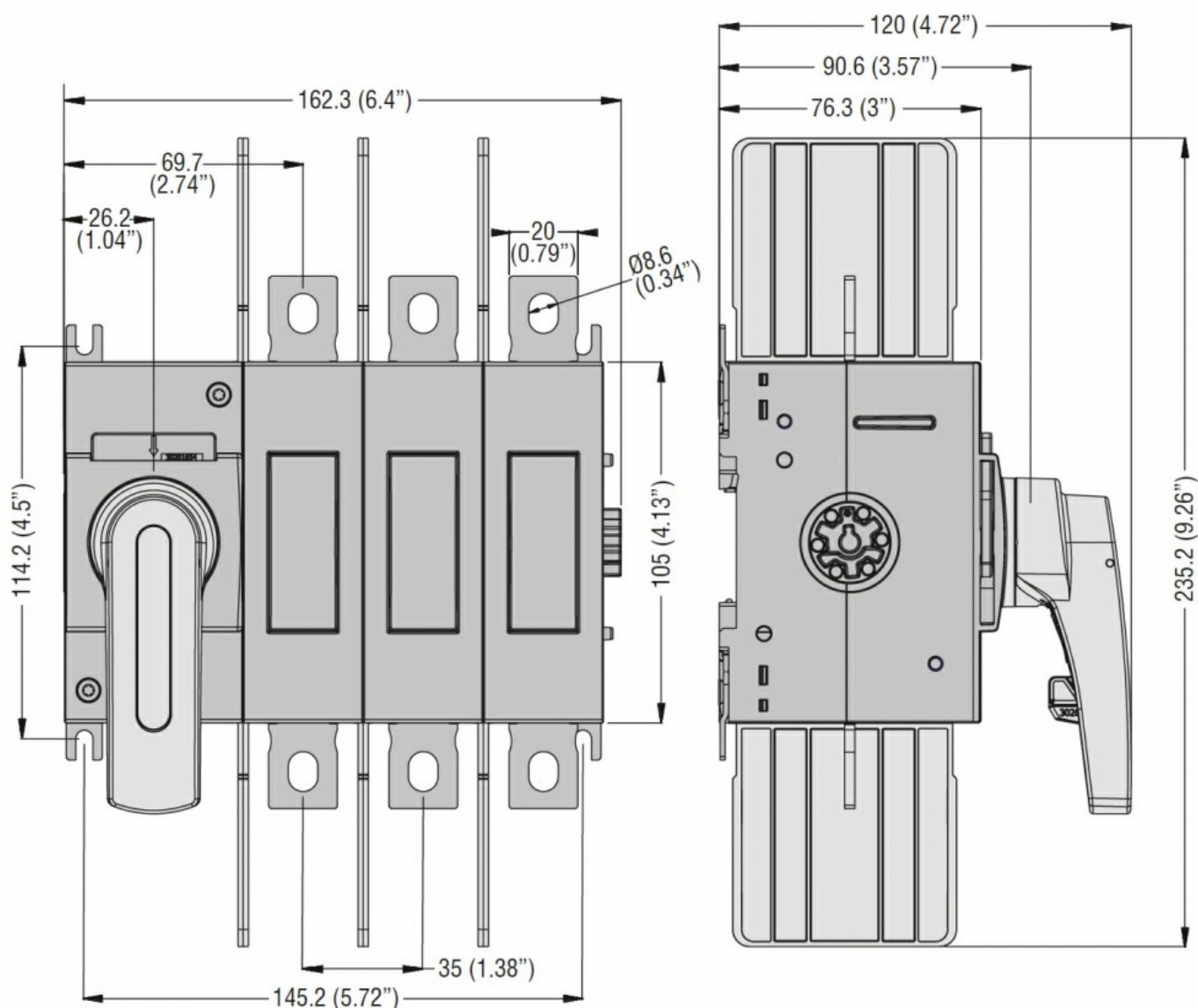
#### UL technical data

|                                               |      |         |                    |
|-----------------------------------------------|------|---------|--------------------|
| UL Standard                                   |      |         | UL98               |
| General purpose current rating                |      | A       | 200                |
| Operating voltage max                         |      | V       | 600                |
| Horsepower/FLA current three phase motor      |      |         |                    |
|                                               | 240V | HP/A    | 75/192             |
|                                               | 480V | HP/A    | 150/180            |
|                                               | 600V | HP/A    | 200/192            |
| Short circuit rating                          |      | kA rms  | 200                |
| Short circuit rating with fuse                |      | Class/A | J/200              |
| UL Terminal kit lugs                          |      |         | GLX500 -<br>GLX501 |
| Minimum enclosure dimensions at rated current |      |         |                    |
|                                               | mm   | mm      | 400 x 250 x 150    |
|                                               | in   | in      | 15,8 x 9,9 x 5,9   |

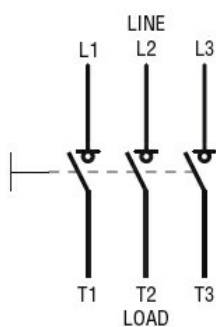
#### Ambient conditions

|                       |     |    |      |
|-----------------------|-----|----|------|
| 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