



| | | | | |
|---|-------|------------------|-----------------|-------------------|
| Product designation | | | | Fourth pole |
| Product type designation | | | | GLX42 |
| Number of poles | | Nr. | | 1 |
| Operating voltage type | | | | AC |
| Contact characteristics | | | | |
| IEC Conventional free air thermal current I _{th} | | A | | 630 |
| Rated insulation voltage U _i IEC/EN | | V | | 1000 |
| Rated impulse withstand voltage U _{imp} | | kV | | 12 |
| Operating current I _e | | | | |
| | AC21A | | | |
| | | 400V | A | 630 |
| | | 500V | A | 630 |
| | | 690V | A | 630 |
| | AC22A | | | |
| | | 400V | A | 630 |
| | | 500V | A | 630 |
| | | 690V | A | 630 |
| | AC23A | | | |
| | | 400V | A | 630 |
| | | 500V | A | 630 |
| | | 690V | A | 630 |
| Power dissipation per pole max | | | W | 25 |
| Rated operational power AC23A | | | | |
| | | 400V | kW | 560 |
| | | 690V | kW | 800 |
| Making capacity AC23A 400V | | | A | 6300 |
| Breaking capacity AC23A 400V | | | A | 5040 |
| Mechanical life | | | cycles | 5000 |
| Mechanical features | | | | |
| Operating position | | normal allowable | | Vertical plan Any |
| Terminals | | type | | M12 x 40 |
| Tightening torque for terminals | | | | |
| | | min | Nm | 50 |
| | | max | Nm | 75 |
| | | min | lbin | 442 |
| | | max | lbin | 664 |
| Conductor section | | | | |
| | | IEC min | mm ² | 2x185 |
| | | AWG/kcmil min | | 2 |
| | | AWG/kcmil max | | 4x600 |
| UL technical data | | | | |
| UL Terminal kit lugs | | | | GL506-GL507 |

Ambient conditions

Operating temperature

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

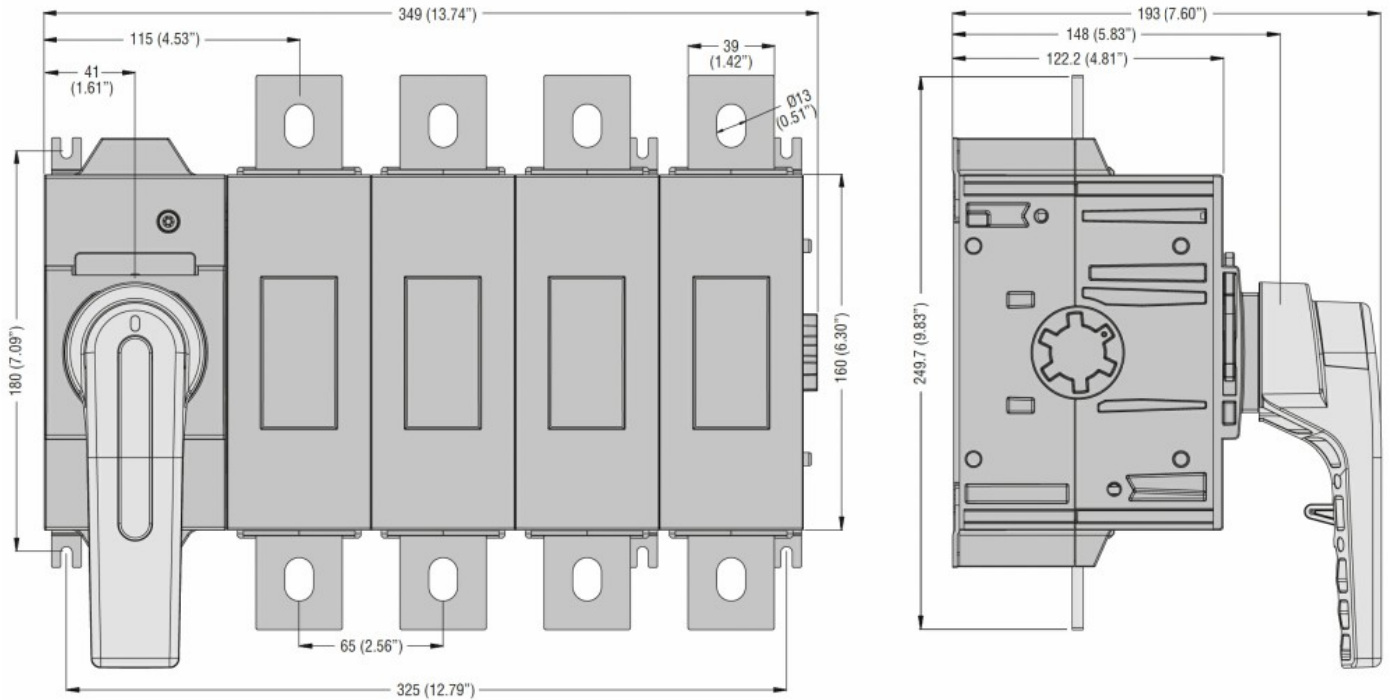
Storage temperature

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

ETIM classification

ETIM 8.0

EC002498 -
Accessories/spare
parts for low-
voltage switch
technology