



#### Contact characteristics

|                                                                            |         |        |
|----------------------------------------------------------------------------|---------|--------|
| IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$ | A       | 32     |
| Rated insulation voltage $U_i$ IEC/EN                                      | V       | 1000   |
| Rated impulse withstand voltage $U_{imp}$                                  | kV      | 8      |
| Operating current $I_e$                                                    |         |        |
| AC21A                                                                      |         |        |
| 400V                                                                       | A       | 32     |
| 500V                                                                       | A       | 32     |
| 690V                                                                       | A       | 32     |
| AC22A                                                                      |         |        |
| 400V                                                                       | A       | 32     |
| 500V                                                                       | A       | 32     |
| 690V                                                                       | A       | 32     |
| AC23A                                                                      |         |        |
| 400V                                                                       | A       | 32     |
| 500V                                                                       | A       | 25     |
| 690V                                                                       | A       | 25     |
| Power dissipation per pole max                                             | W       | 0.6    |
| Rated operational power AC23A                                              |         |        |
| 400V                                                                       | kW      | 15     |
| 690V                                                                       | kW      | 22     |
| Reactive power for control of capacitors at                                |         |        |
| Conditional short-circuit current (rms)                                    | kA      | 10     |
| Short-circuit protection with fuse                                         | Class/A | gG32   |
| Making capacity AC23A 400V                                                 | A       | 320    |
| Breaking capacity AC23A 400V                                               | A       | 256    |
| Mechanical life                                                            | cycles  | 100000 |
| Electrical life AC21A                                                      | cycles  | 100000 |

#### Mechanical features

|                                 |                                    |                              |
|---------------------------------|------------------------------------|------------------------------|
| Operating position              | normal allowable                   | Vertical plan Any            |
| Terminals                       | type width mm height mm screw tool | Pillar 5.6 6.5 M4 Phillips 2 |
| Tightening torque for terminals | min max min max                    | Nm Nm lbin lbin 1.8 2 16 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 | kcmil           | 6  |

#### UL technical data

|                                           |          |              |
|-------------------------------------------|----------|--------------|
| General purpose current rating            | A        | 32           |
| Operating voltage max                     | V        | 600          |
| Horsepower/FLA current single phase motor |          |              |
|                                           | 120V     | HP/A 2/24    |
|                                           | 240V     | HP/A 5/28    |
| Horsepower/FLA current three phase motor  |          |              |
|                                           | 200-208V | HP/A 10/32.2 |
|                                           | 240V     | HP/A 10/28   |
|                                           | 480V     | HP/A 20/27   |
|                                           | 600V     | HP/A 20/22   |
| Short circuit rating                      | kA rms   | 5            |
| Short circuit rating with fuse            | Class/A  | RK5/35       |

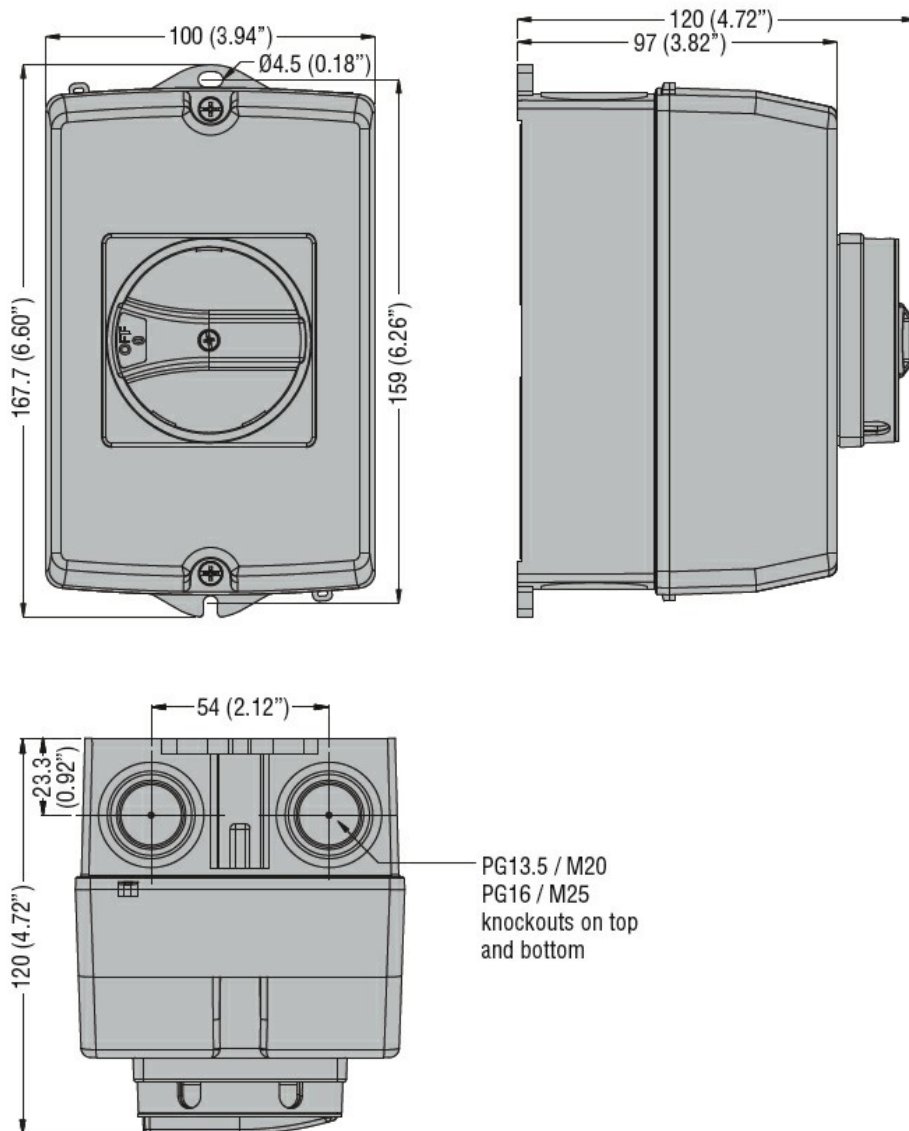
#### Ambient conditions

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

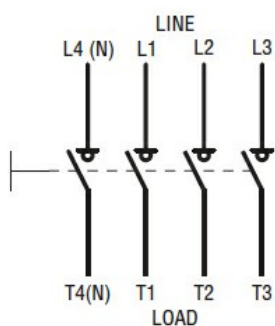
#### Resistance & Protection

|                         |                  |
|-------------------------|------------------|
| Frontal IP degree       | IP65             |
| UL degree of protection | UL/CSA Type 4/4X |
| IP degree of protection | IP65             |
| Pollution degree        | 3                |

#### Dimensions



## Wiring diagrams



## Certifications and compliance

### Compliance

IEC/EN 60947-1

IEC/EN 60947-3

### Certifications

cULus

EAC

## ETIM classification

UL/CSA TYPE 4/4X PLASTIC ENCLOSED SWITCH DISCONNECTOR, FOUR-POLE. WITH  
ROTATING RED/YELLOW HANDLE, 32A. ENCLOSURE DIMENSIONS:  
100X168X97MM/3.9X6.6X3.8"

ETIM 8.0

EC000216 -  
Switch  
disconnecter