



#### Contact characteristics

|                                                                            |         |        |
|----------------------------------------------------------------------------|---------|--------|
| IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$ | A       | 63     |
| Rated insulation voltage $U_i$ IEC/EN                                      | V       | 1000   |
| Rated impulse withstand voltage $U_{imp}$                                  | kV      | 8      |
| Operating current $I_e$                                                    |         |        |
| AC21A                                                                      |         |        |
|                                                                            | 400V    | A 63   |
|                                                                            | 500V    | A 63   |
|                                                                            | 690V    | A 63   |
| AC22A                                                                      |         |        |
|                                                                            | 400V    | A 63   |
|                                                                            | 500V    | A 45   |
|                                                                            | 690V    | A 45   |
| AC23A                                                                      |         |        |
|                                                                            | 400V    | A 45   |
|                                                                            | 500V    | A 25   |
|                                                                            | 690V    | A 25   |
| Power dissipation per pole max                                             | W       | 2.9    |
| Rated operational power AC23A                                              |         |        |
|                                                                            | 400V    | kW 22  |
|                                                                            | 690V    | kW 22  |
| Reactive power for control of capacitors at                                |         |        |
| Conditional short-circuit current (rms)                                    | kA      | 10     |
| Short-circuit protection with fuse                                         | Class/A | gG63   |
| Making capacity AC23A 400V                                                 | A       | 450    |
| Breaking capacity AC23A 400V                                               | A       | 360    |
| Mechanical life                                                            | cycles  | 100000 |
| Electrical life AC21A                                                      | cycles  | 15000  |

#### 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/EN TYPE IP65 NON-METALLIC ENCLOSURE SWITCH DISCONNECTOR, THREE-POLE.  
WITH ROTATING BLACK HANDLE, 63A. ENCLOSURE DIMENSIONS:  
175X210X99MM/6.9X8.3X3.9"

|               |                 |    |
|---------------|-----------------|----|
| IEC max       | mm <sup>2</sup> | 16 |
| AWG/kcmil min |                 | 18 |
| AWG/kcmil max | kcmil           | 6  |

#### 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

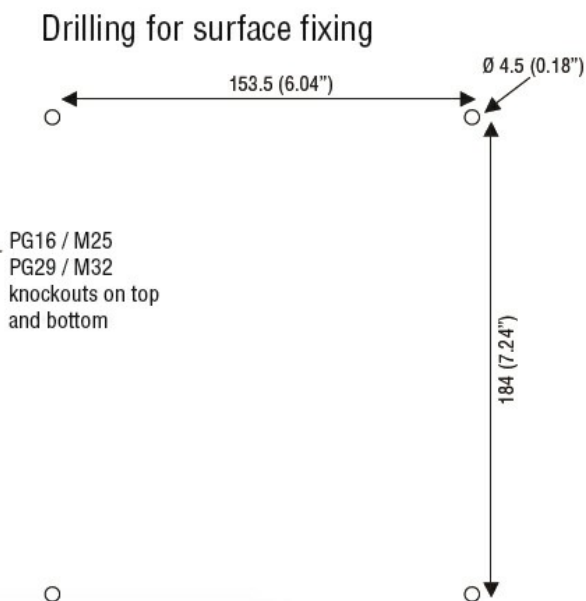
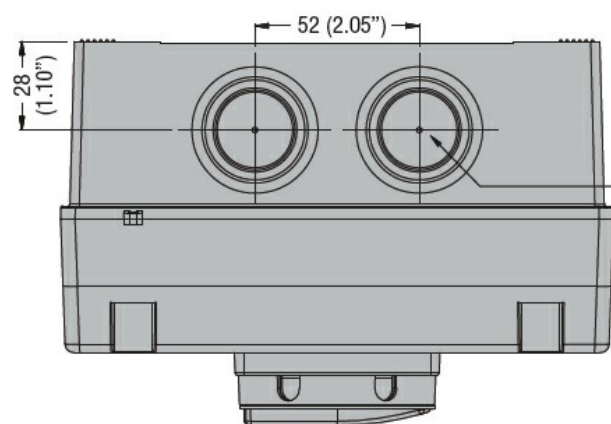
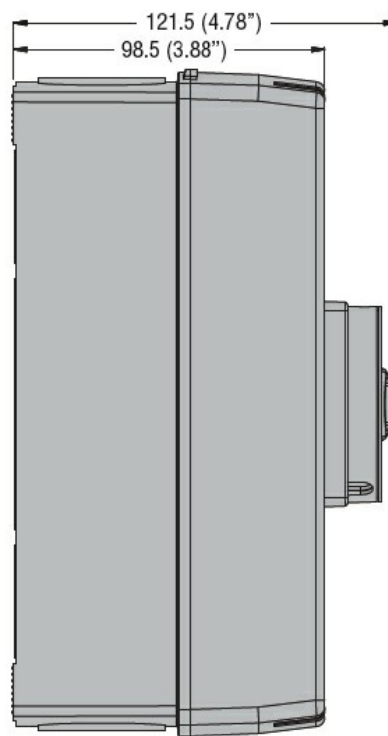
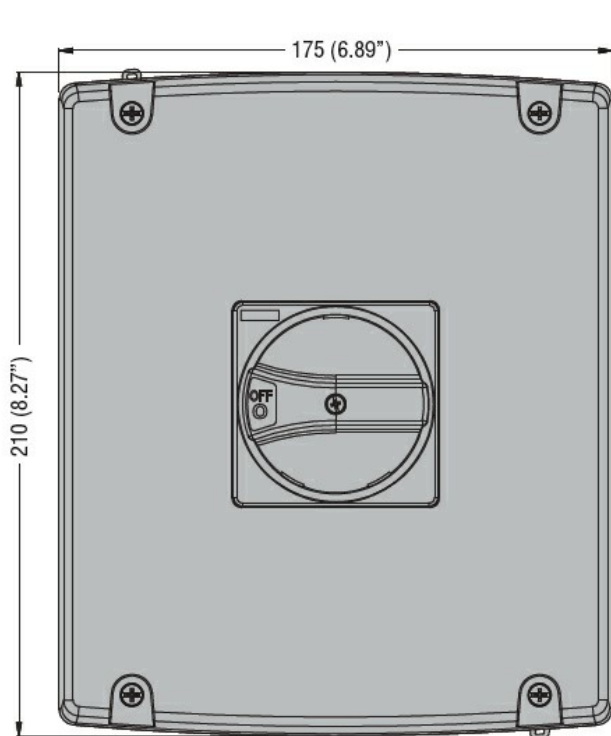
IP degree of protection

IP65

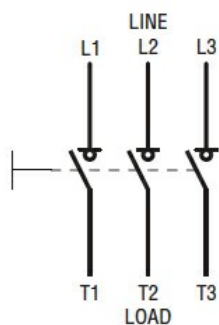
Pollution degree

3

#### Dimensions



## Wiring diagrams



## Certifications and compliance

### Compliance

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175X210X99MM/6.9X8.3X3.9"

IEC/EN 60947-1

IEC/EN 60947-3

Certifications

EAC

ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnector