



#### Contact characteristics

|                                                                            |         |       |
|----------------------------------------------------------------------------|---------|-------|
| IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$ | A       | 160   |
| Rated insulation voltage $U_i$ IEC/EN                                      | V       | 1000  |
| Rated impulse withstand voltage $U_{imp}$                                  | kV      | 8     |
| Operating current $I_e$                                                    |         |       |
| AC21A                                                                      |         |       |
|                                                                            | 400V    | A 160 |
|                                                                            | 500V    | A 160 |
|                                                                            | 690V    | A 160 |
| AC22A                                                                      |         |       |
|                                                                            | 400V    | A 160 |
|                                                                            | 500V    | A 125 |
|                                                                            | 690V    | A 125 |
| AC23A                                                                      |         |       |
|                                                                            | 400V    | A 125 |
|                                                                            | 500V    | A 100 |
|                                                                            | 690V    | A 47  |
| Power dissipation per pole max                                             | W       | 12    |
| Rated operational power AC23A                                              |         |       |
|                                                                            | 400V    | kW 55 |
|                                                                            | 690V    | kW 45 |
| Reactive power for control of capacitors at                                |         |       |
| Conditional short-circuit current (rms)                                    | kA      | 50    |
| Short-circuit protection with fuse                                         | Class/A | gG160 |
| Making capacity AC23A 400V                                                 | A       | 1250  |
| Breaking capacity AC23A 400V                                               | A       | 1000  |
| Mechanical life                                                            | cycles  | 30000 |
| Electrical life AC21A                                                      | cycles  | 1500  |

#### Mechanical features

|                                 |                                    |                                        |
|---------------------------------|------------------------------------|----------------------------------------|
| Operating position              | normal allowable                   | Vertical plan Any                      |
| Terminals                       | type width mm height mm screw tool | Pillar 12.4 10.4 M8 Metric Allen key 4 |
| Tightening torque for terminals | min max min max                    | Nm 5 6 lbin 45 54                      |
| Conductor section               | IEC min                            | mm <sup>2</sup> 4                      |

IEC/EN TYPE IP65 NON-METALLIC ENCLOSURE SWITCH DISCONNECTOR, THREE-POLE.  
WITH ROTATING BLACK HANDLE, 160A. ENCLOSURE DIMENSIONS:  
220X280X170MM/8.7X11X6.7"

|               |                 |    |
|---------------|-----------------|----|
| IEC max       | mm <sup>2</sup> | 70 |
| AWG/kcmil min |                 | 12 |
| AWG/kcmil max | kcmil           | 1  |

Ambient conditions

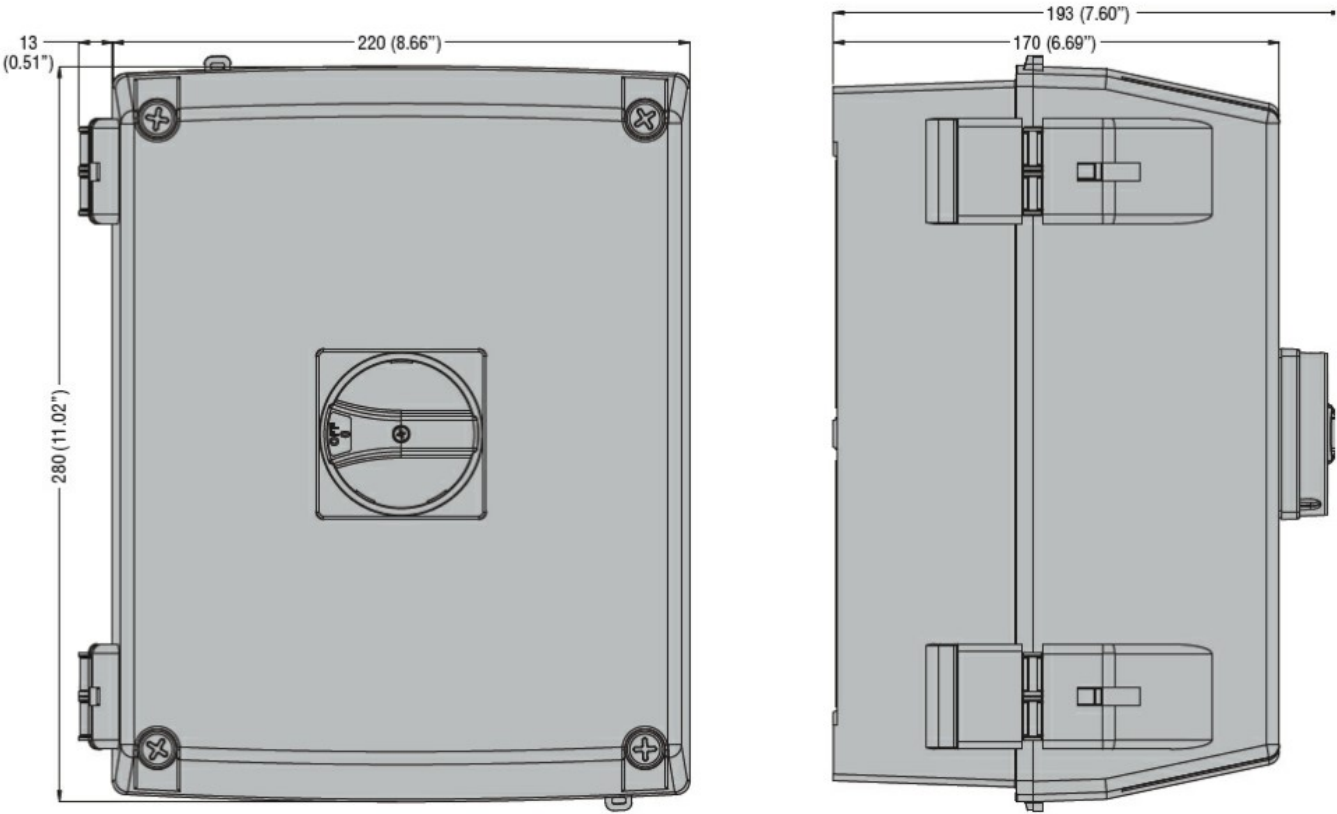
|                       |     |    |     |
|-----------------------|-----|----|-----|
| Operating temperature | min | °C | -25 |
|                       | max | °C | +55 |

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

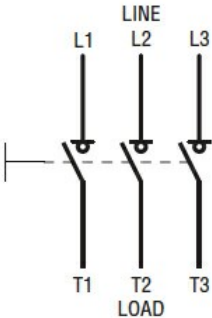
Resistance & Protection

|                   |      |
|-------------------|------|
| Frontal IP degree | IP65 |
| Pollution degree  | 3    |

Dimensions



Wiring diagrams



Certifications and compliance

|            |                |
|------------|----------------|
| Compliance | IEC/EN 60947-1 |
|            | IEC/EN 60947-3 |

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Certifications

EAC

ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnector