



### Contact characteristics

|                                                                            |        |       |
|----------------------------------------------------------------------------|--------|-------|
| IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$ | A      | 25    |
| Rated insulation voltage $U_i$ IEC/EN                                      | V      | 1500  |
| Rated impulse withstand voltage $U_{imp}$                                  | kV     | 8     |
| Operating current $I_e$                                                    |        |       |
| DC21A                                                                      |        |       |
|                                                                            | 600V   | A 25  |
|                                                                            | 800V   | A 25  |
|                                                                            | 1000V  | A 25  |
| DC21B                                                                      |        |       |
|                                                                            | 600V   | A 25  |
|                                                                            | 800V   | A 25  |
|                                                                            | 1000V  | A 25  |
| DCPV1                                                                      |        |       |
|                                                                            | 600V   | A 25  |
|                                                                            | 800V   | A 25  |
|                                                                            | 1000V  | A 25  |
| Power dissipation per pole max                                             | W      | 0,8   |
| Reactive power for control of capacitors at                                |        |       |
| Rated short time current (1s) $I_{cw}$ (rms)                               | kA     | 0.5   |
| Mechanical life                                                            | cycles | 10000 |

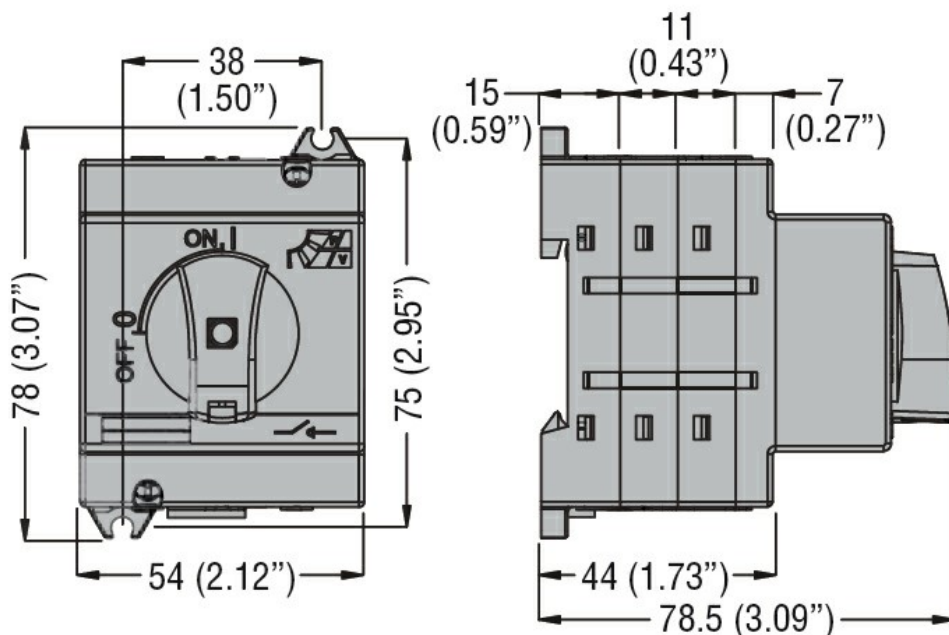
### Mechanical features

|                                 |                     |                          |
|---------------------------------|---------------------|--------------------------|
| Operating position              | normal<br>allowable | Vertical plan<br>Any     |
| Fixing                          |                     | Screw / DIN rail<br>35mm |
| Terminals                       | type                | Screw with<br>washer     |
|                                 | width               | mm 5.6                   |
|                                 | height              | mm 6.5                   |
|                                 | screw               | M4                       |
|                                 | tool                | Phillips 1               |
| Tightening torque for terminals | min                 | Nm 1.2                   |
|                                 | max                 | Nm 1.6                   |
|                                 | min                 | lbin 1.3                 |
|                                 | max                 | lbin 1.2                 |
| Conductor section               | IEC min             | mm <sup>2</sup> 1        |
|                                 | IEC max             | mm <sup>2</sup> 10       |
|                                 | AWG/kcmil min       | 18                       |
|                                 | AWG/kcmil max       | kcmil 8                  |

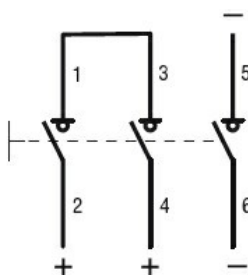
### Ambient conditions

#### 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       |     |    | IP20 |
| Dimensions              |     |    |      |



#### Wiring diagrams



#### Certifications and compliance

##### Compliance

IEC/EN 60947-1

IEC/EN 60947-3

##### Certifications

EAC

#### ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnecter