



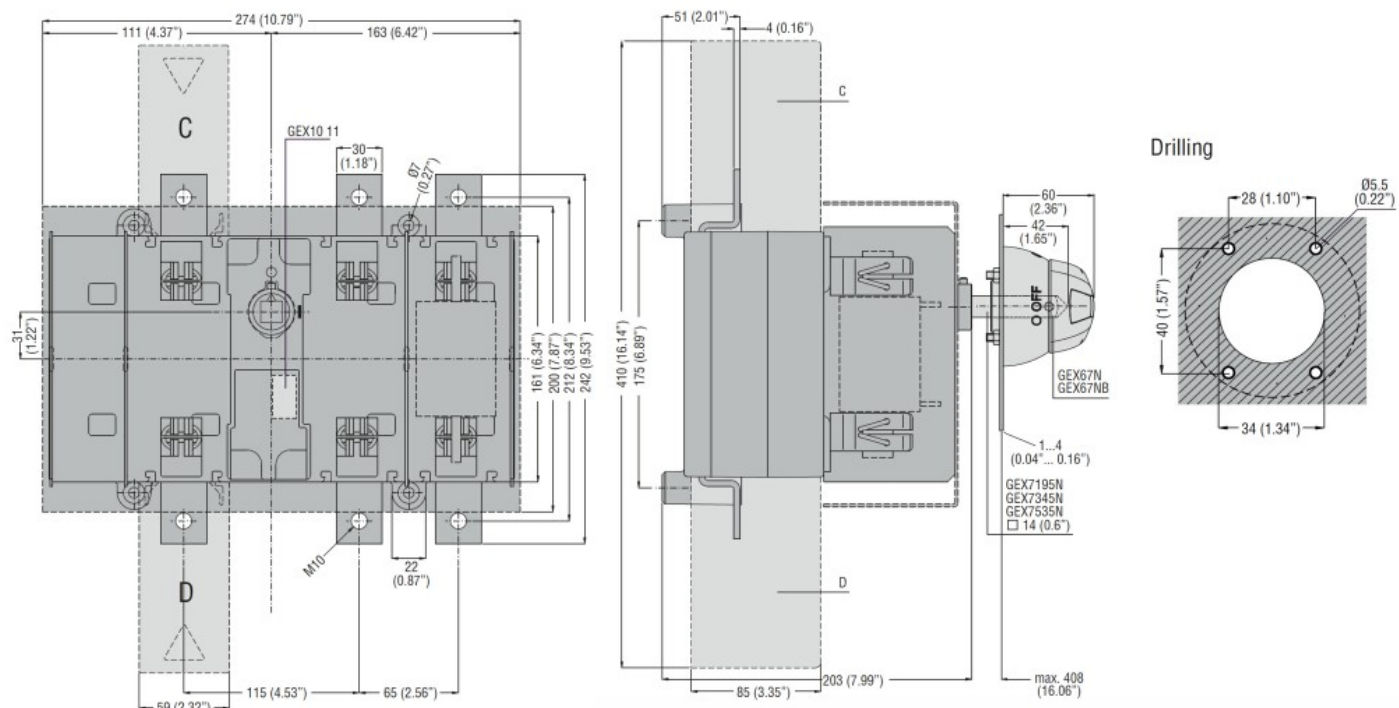
#### Contact characteristics

|                                                                            |                   |                   |
|----------------------------------------------------------------------------|-------------------|-------------------|
| IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$ | A                 | 400               |
| Rated insulation voltage $U_i$ IEC/EN                                      | V                 | 1000              |
| Rated impulse withstand voltage $U_{imp}$                                  | kV                | 12                |
| Operating current $I_e$                                                    |                   |                   |
| AC21A                                                                      |                   |                   |
|                                                                            | 400V              | A 400             |
|                                                                            | 500V              | A 400             |
|                                                                            | 690V              | A 400             |
| AC22A                                                                      |                   |                   |
|                                                                            | 400V              | A 400             |
|                                                                            | 500V              | A 400             |
|                                                                            | 690V              | A 400             |
| AC23A                                                                      |                   |                   |
|                                                                            | 400V              | A 400             |
|                                                                            | 500V              | A 400             |
|                                                                            | 690V              | A 315             |
| Power dissipation per pole max                                             | W                 | 29                |
| Rated operational power AC23A                                              |                   |                   |
|                                                                            | 400V              | kW 220            |
|                                                                            | 690V              | kW 250            |
| Reactive power for control of capacitors at                                |                   |                   |
| Conditional short-circuit current (rms)                                    | kA                | 100               |
| Specific let through energy $I^2t$                                         | kA <sup>2</sup> s | 1.6               |
| Making capacity AC23A 400V                                                 | A                 | 4000              |
| Breaking capacity AC23A 400V                                               | A                 | 3200              |
| Mechanical life                                                            | cycles            | 10000             |
| Electrical life AC21A                                                      | cycles            | 1000 (AC23A 400V) |

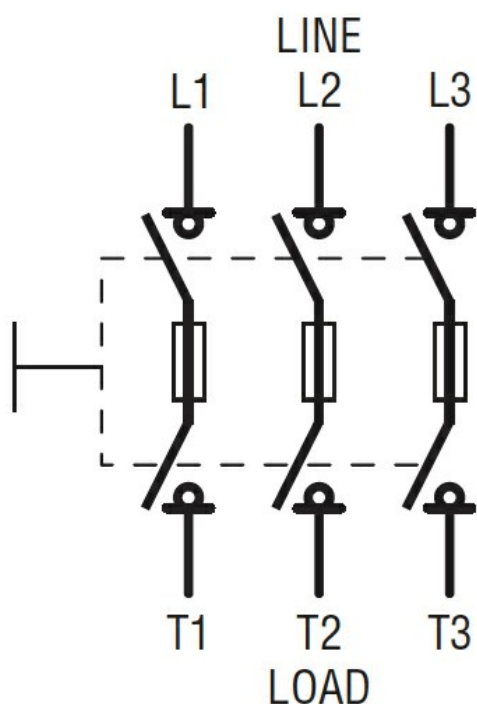
#### Mechanical features

|                                 |                  |                        |
|---------------------------------|------------------|------------------------|
| Operating position              | normal allowable | Vertical plan Any      |
| Fixing                          |                  | Screw                  |
| Terminals                       | type screw       | Bar M10                |
| Tightening torque for terminals | max              | Nm 24                  |
|                                 | max              | lbin 18                |
| Conductor section               |                  |                        |
| Bar dimensions max              |                  | 35x5                   |
| Ambient conditions              |                  |                        |
| Operating temperature           | min              | $^{\circ}\text{C}$ -25 |

|                                    |     |    |      |
|------------------------------------|-----|----|------|
|                                    | max | °C | 55   |
| Storage temperature                |     |    |      |
|                                    | min | °C | -40  |
|                                    | max | °C | 70   |
| Max altitude                       |     | m  | 3000 |
| <b>Resistance &amp; Protection</b> |     |    |      |
| Frontal IP degree                  |     |    | IP20 |
| Pollution degree                   |     |    | 3    |
| <b>Dimensions</b>                  |     |    |      |



## Wiring diagrams



## Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

Certifications

EAC

ETIM classification

ETIM 8.0

EC000216 -

Switch

disconnector