



### Contact characteristics

|                                                                            |         |                   |
|----------------------------------------------------------------------------|---------|-------------------|
| IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$ | A       | 200               |
| Rated insulation voltage $U_i$ IEC/EN                                      | V       | 1000              |
| Rated impulse withstand voltage $U_{imp}$                                  | kV      | 8                 |
| Operating current $I_e$                                                    |         |                   |
| AC21A                                                                      |         |                   |
|                                                                            | 400V    | A 200             |
|                                                                            | 500V    | A 200             |
|                                                                            | 690V    | A 180             |
| AC22A                                                                      |         |                   |
|                                                                            | 400V    | A 200             |
|                                                                            | 500V    | A 200             |
|                                                                            | 690V    | A 160             |
| AC23A                                                                      |         |                   |
|                                                                            | 400V    | A 160             |
|                                                                            | 500V    | A 125             |
|                                                                            | 690V    | A 80              |
| Power dissipation per pole max                                             | W       | 6                 |
| Rated operational power AC23A                                              |         |                   |
|                                                                            | 400V    | kW 90             |
|                                                                            | 690V    | kW 75             |
| Reactive power for control of capacitors at                                |         |                   |
| Rated short time current (1s) $I_{cw}$ (rms)                               | kA      | 7                 |
| Conditional short-circuit current (rms)                                    | kA      | 100               |
| Short-circuit protection with fuse                                         | Class/A | gG200             |
| Making capacity AC23A 400V                                                 | A       | 1600              |
| Breaking capacity AC23A 400V                                               | A       | 1280              |
| Mechanical life                                                            | cycles  | 30000             |
| Electrical life AC21A                                                      | cycles  | 1000 (AC23A 400V) |

### Mechanical features

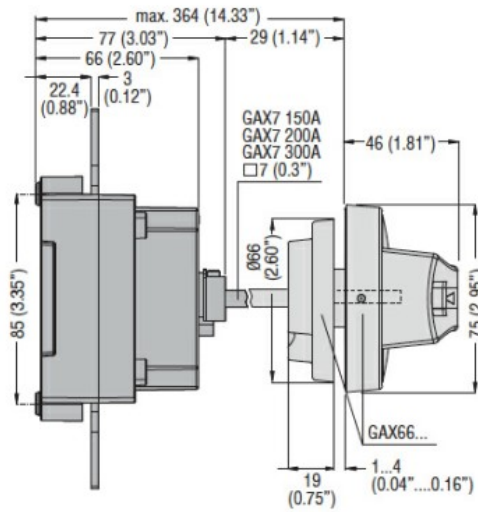
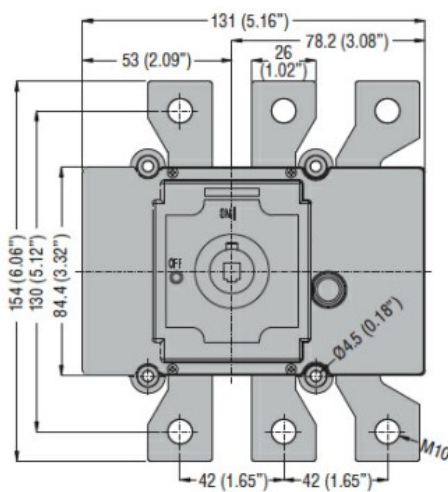
|                                 |                     |                      |
|---------------------------------|---------------------|----------------------|
| Operating position              | normal<br>allowable | Vertical plan<br>Any |
| Fixing                          |                     | Screw                |
| Terminals                       | type<br>screw       | Bar<br>M10           |
| Tightening torque for terminals | max<br>max          | Nm 18<br>lbin 10     |
| Conductor section               |                     |                      |
| Bar dimensions max              |                     | 26x3                 |

### Ambient conditions

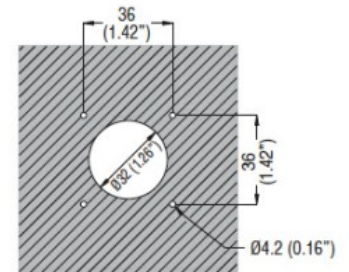
Operating temperature

|                                    |     |    |      |
|------------------------------------|-----|----|------|
|                                    | min | °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>                  |     |    |      |

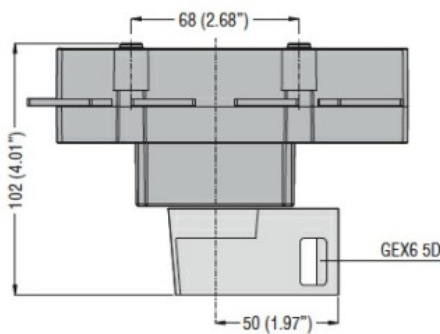
Door coupling version  
with handle GAX66 - GAX66 B



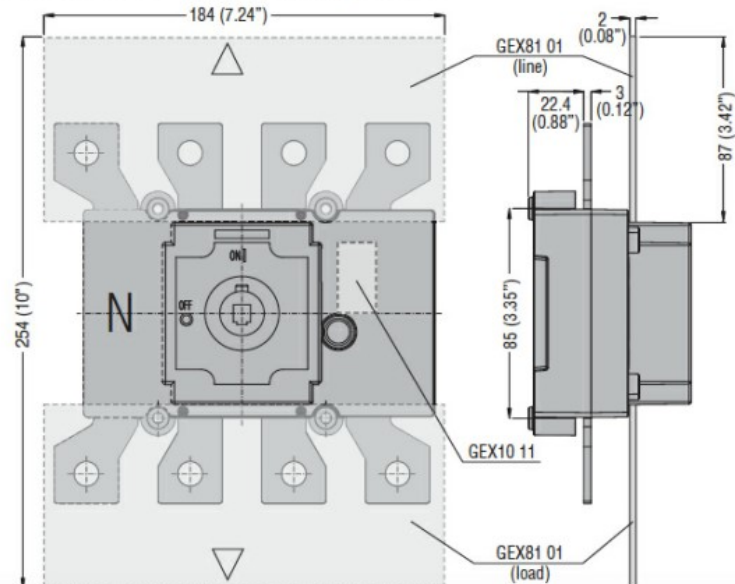
Drilling



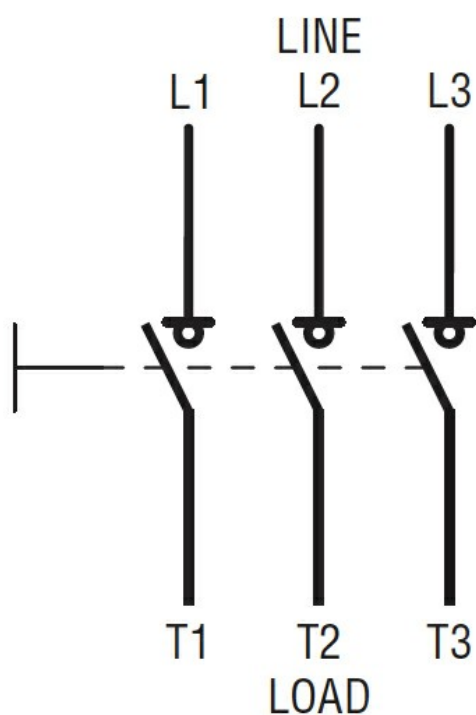
Direct operating version with handle GEX6 5D



With terminal cover and auxiliary contact



## Wiring diagrams



#### Certifications and compliance

##### Compliance

IEC/EN 60947-1

IEC/EN 60947-3

##### Certifications

EAC

#### ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnecter