



#### Contact characteristics

|                                                                          |         |                   |
|--------------------------------------------------------------------------|---------|-------------------|
| IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$ | A       | 250               |
| Rated insulation voltage $U_i$ IEC/EN                                    | V       | 1000              |
| Rated impulse withstand voltage $U_{imp}$                                | kV      | 8                 |
| Operating current $I_e$                                                  |         |                   |
| AC21A                                                                    |         |                   |
|                                                                          | 400V    | A 250             |
|                                                                          | 500V    | A 250             |
|                                                                          | 690V    | A 250             |
| AC22A                                                                    |         |                   |
|                                                                          | 400V    | A 250             |
|                                                                          | 500V    | A 250             |
|                                                                          | 690V    | A 200             |
| AC23A                                                                    |         |                   |
|                                                                          | 400V    | A 180             |
|                                                                          | 500V    | A 150             |
| Power dissipation per pole max                                           | W       | 8.5               |
| Rated operational power AC23A                                            |         |                   |
|                                                                          | 400V    | kW 100            |
|                                                                          | 690V    | kW 86             |
| Reactive power for control of capacitors at                              |         |                   |
| Rated short time current (1s) $I_{cw}$ (rms)                             | kA      | 8                 |
| Conditional short-circuit current (rms)                                  | kA      | 100               |
| Short-circuit protection with fuse                                       | Class/A | gG250             |
| Making capacity AC23A 400V                                               | A       | 3150              |
| 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              |                  | 25x3              |

#### Ambient conditions

|                       |     |                  |     |
|-----------------------|-----|------------------|-----|
| Operating temperature | min | $^\circ\text{C}$ | -25 |
|                       | max | $^\circ\text{C}$ | 55  |

Storage temperature

min °C -40  
max °C 70

Max altitude

m 3000

Resistance & Protection

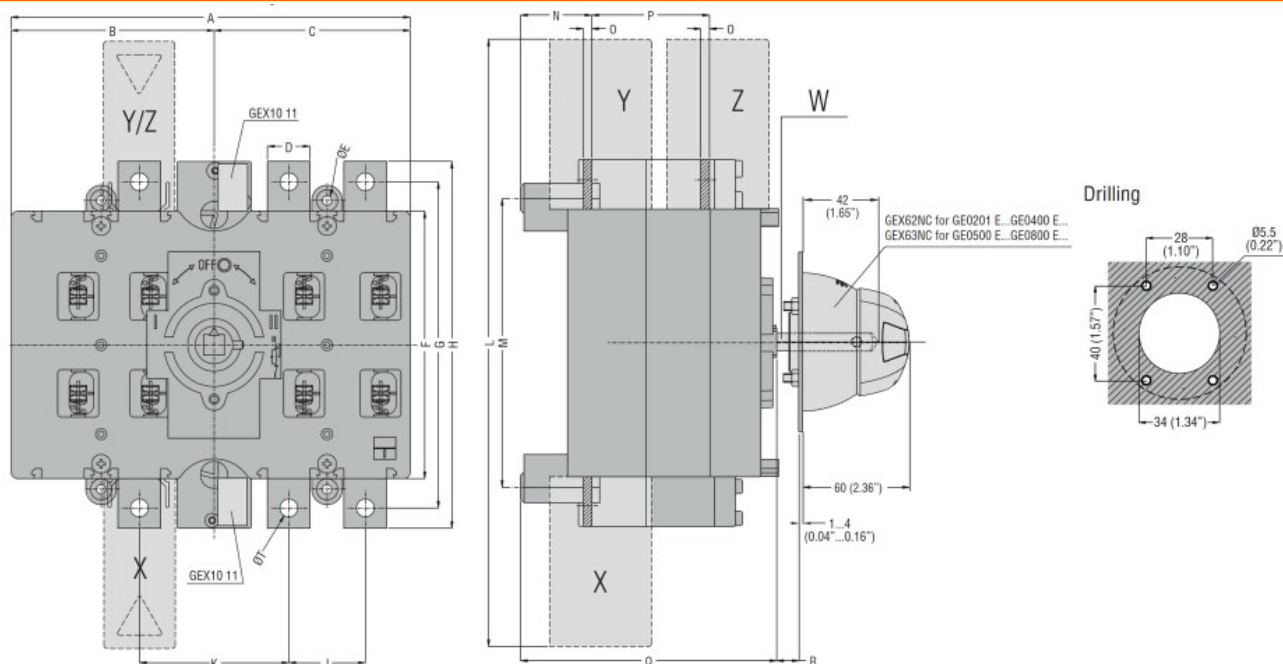
Frontal IP degree

IP20

Pollution degree

3

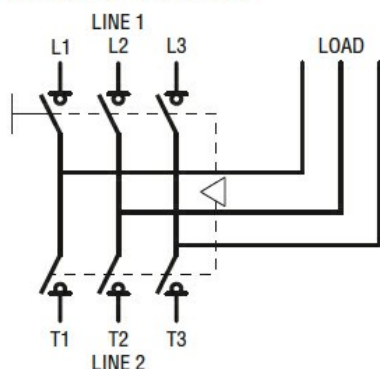
Dimensions



| TYPE                                                 | A               | B                | C                | D             | ØE             | F              | G               | H               | J             | K              | L               | M              | N             | O            | P             | Q              | R<br>Max        | S              | ØT             | U              | V              | Shaft<br>extension<br>W                         | Terminal covers<br>(N° of pcs/set) |              |              |
|------------------------------------------------------|-----------------|------------------|------------------|---------------|----------------|----------------|-----------------|-----------------|---------------|----------------|-----------------|----------------|---------------|--------------|---------------|----------------|-----------------|----------------|----------------|----------------|----------------|-------------------------------------------------|------------------------------------|--------------|--------------|
|                                                      |                 |                  |                  |               |                |                |                 |                 |               |                |                 |                |               |              |               |                |                 |                |                |                |                |                                                 | X (line 1)                         | Y (line 2)   | Z (load)     |
| GE0201 E<br>GE0250 E<br>GE0315 E<br>GE0400 E         | 235<br>(9.25")  | 119.5<br>(4.70") | 115.5<br>(4.55") | 25<br>(0.98") | 5.5<br>(0.22") | 157<br>(6.18") | 192<br>(7.56")  | 216<br>(8.50")  | 45<br>(1.77") | 88<br>(3.46")  | 357<br>(14.05") | 170<br>(6.69") | 42<br>(1.65") | 3<br>(0.12") | 67<br>(2.64") | 151<br>(5.94") | 437<br>(17.2")  | 143<br>(5.63") | M10<br>(5.24") | 133<br>(5.24") | 142<br>(5.59") | GEX7227N<br>GEX7375N<br>GEX7536N<br>□ 10 (0.6") | GEX82 12 (3)                       | GEX82 11 (3) | GEX83 12 (3) |
| GE0201 ET4<br>GE0250 ET4<br>GE0315 ET4<br>GE0400 ET4 |                 |                  |                  |               |                |                |                 |                 |               |                |                 |                |               |              |               |                |                 |                |                |                |                |                                                 | GEX82 13 (4)                       | GEX82 13 (4) | GEX83 12 (4) |
| GE0500 E<br>GE0630 E<br>GE0800 E                     | 321<br>(12.63") | 162<br>(6.38")   | 159<br>(6.26")   | 40<br>(1.57") | 7<br>(0.27")   | 232<br>(9.13") | 282<br>(11.10") | 312<br>(12.28") | 65<br>(2.56") | 121<br>(4.73") | 482<br>(18.98") | 247<br>(9.72") | 46<br>(1.81") | 5<br>(0.20") | 87<br>(3.42") | 180<br>(7.09") | 417<br>(16.42") | 176<br>(6.93") | M12<br>(7.32") | 186<br>(7.32") | 171<br>(6.73") | GEX7195N<br>GEX7345N<br>GEX7535N<br>□ 10 (0.6") | GEX82 22 (3)                       | GEX82 21 (3) | GEX83 21 (3) |
| GE0500 ET4<br>GE0630 ET4<br>GE0800 ET4               |                 |                  |                  |               |                |                |                 |                 |               |                |                 |                |               |              |               |                |                 |                |                |                |                |                                                 | GEX82 23 (4)                       | GEX82 23 (4) | GEX83 22 (4) |

Wiring diagrams

### GE0201 E - GE1600 E



Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

Certifications

EAC

ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnecter