



Product designation

Product type designation

Number of poles

Operating voltage type

Enclosed switch  
disconnecter  
GAZ  
Nr. 3  
AC

### Contact characteristics

|                                                           |   |    |
|-----------------------------------------------------------|---|----|
| IEC Conventional free air thermal current I <sub>th</sub> | A | 63 |
|-----------------------------------------------------------|---|----|

|                                                |   |      |
|------------------------------------------------|---|------|
| Rated insulation voltage U <sub>i</sub> IEC/EN | V | 1000 |
|------------------------------------------------|---|------|

|                                                  |    |   |
|--------------------------------------------------|----|---|
| Rated impulse withstand voltage U <sub>imp</sub> | kV | 8 |
|--------------------------------------------------|----|---|

Operating current I<sub>e</sub>

AC21A

|      |   |    |
|------|---|----|
| 400V | A | 63 |
| 500V | A | 63 |
| 690V | A | 63 |

AC22A

|      |   |    |
|------|---|----|
| 400V | A | 63 |
| 500V | A | 63 |
| 690V | A | 63 |

AC23A

|      |   |    |
|------|---|----|
| 400V | A | 63 |
| 500V | A | 63 |
| 690V | A | 47 |

|                                |   |     |
|--------------------------------|---|-----|
| Power dissipation per pole max | W | 1.6 |
|--------------------------------|---|-----|

Rated operational power AC23A

|      |    |    |
|------|----|----|
| 400V | kW | 30 |
| 690V | kW | 45 |

|                                         |    |    |
|-----------------------------------------|----|----|
| Conditional short-circuit current (rms) | kA | 50 |
|-----------------------------------------|----|----|

|                                    |         |      |
|------------------------------------|---------|------|
| Short-circuit protection with fuse | Class/A | gG63 |
|------------------------------------|---------|------|

|                            |   |     |
|----------------------------|---|-----|
| Making capacity AC23A 400V | A | 630 |
|----------------------------|---|-----|

|                              |   |     |
|------------------------------|---|-----|
| Breaking capacity AC23A 400V | A | 504 |
|------------------------------|---|-----|

|                 |        |       |
|-----------------|--------|-------|
| Mechanical life | cycles | 30000 |
|-----------------|--------|-------|

|                       |        |       |
|-----------------------|--------|-------|
| Electrical life AC21A | cycles | 30000 |
|-----------------------|--------|-------|

### Mechanical features

Operating position

|                     |                      |
|---------------------|----------------------|
| normal<br>allowable | Vertical plan<br>Any |
|---------------------|----------------------|

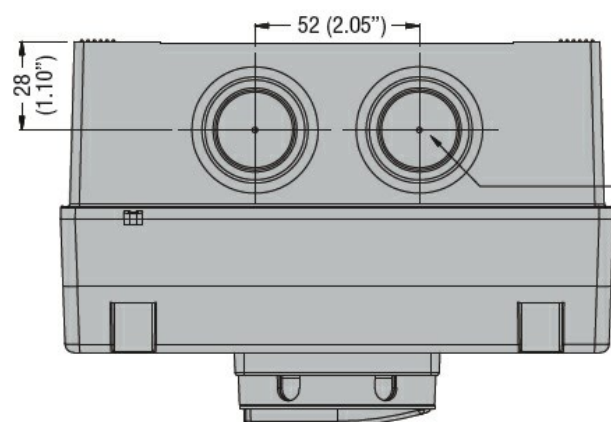
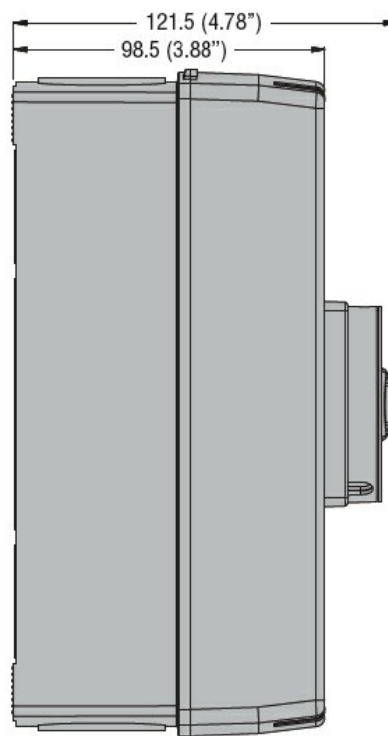
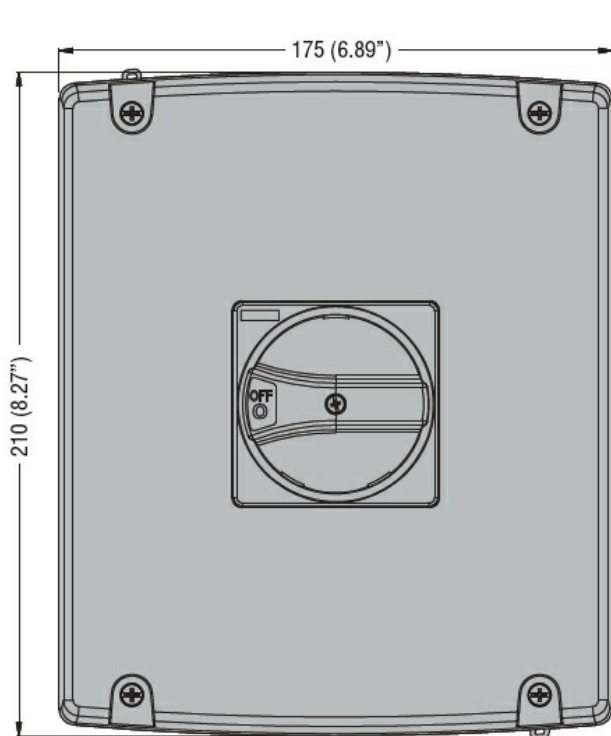
Terminals

|        |                    |
|--------|--------------------|
| type   | Pillar             |
| width  | 12.4               |
| height | 10.4               |
| screw  | M8                 |
| tool   | Metric Allen key 4 |

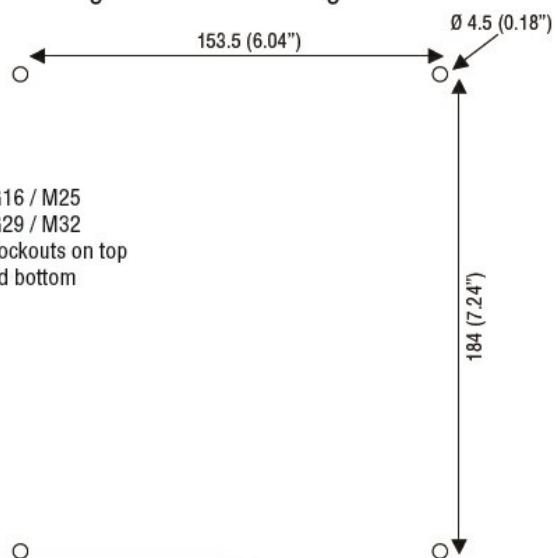
Tightening torque for terminals

|     |    |   |
|-----|----|---|
| min | Nm | 5 |
| max | Nm | 6 |

|                         |               |                 |      |
|-------------------------|---------------|-----------------|------|
|                         | min           | Ibin            | 45   |
|                         | max           | Ibin            | 54   |
| Conductor section       |               |                 |      |
|                         | IEC min       | mm <sup>2</sup> | 4    |
|                         | IEC max       | mm <sup>2</sup> | 70   |
|                         | AWG/kcmil min |                 | 12   |
|                         | AWG/kcmil max |                 | 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 |
| IP degree of protection |               |                 | IP65 |
| Pollution degree        |               |                 | 3    |
| Dimensions              |               |                 |      |

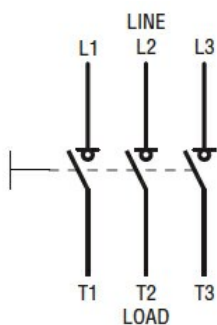


#### Drilling for surface fixing



PG16 / M25  
PG29 / M32  
knockouts on top  
and bottom

#### Wiring diagrams



#### Certifications and compliance

##### Compliance

IEC/EN 60947-1

IEC/EN 60947-3

Certifications

EAC

ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnector