



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  | 125  |
| 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 | 125 |
| 500V | A | 125 |
| 690V | A | 125 |

AC22A

|      |   |     |
|------|---|-----|
| 400V | A | 125 |
| 500V | A | 125 |
| 690V | A | 125 |

AC23A

|      |   |     |
|------|---|-----|
| 400V | A | 125 |
| 500V | A | 100 |
| 690V | A | 47  |

|                                |   |     |
|--------------------------------|---|-----|
| Power dissipation per pole max | W | 6.3 |
|--------------------------------|---|-----|

Rated operational power AC23A

|      |    |    |
|------|----|----|
| 400V | kW | 55 |
| 690V | kW | 45 |

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

|                                    |         |       |
|------------------------------------|---------|-------|
| Short-circuit protection with fuse | Class/A | gG125 |
|------------------------------------|---------|-------|

|                            |   |      |
|----------------------------|---|------|
| Making capacity AC23A 400V | A | 1250 |
|----------------------------|---|------|

|                              |   |      |
|------------------------------|---|------|
| Breaking capacity AC23A 400V | A | 1000 |
|------------------------------|---|------|

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

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

### Mechanical features

Operating position

normal  
allowable  
Vertical plan  
Any

Terminals

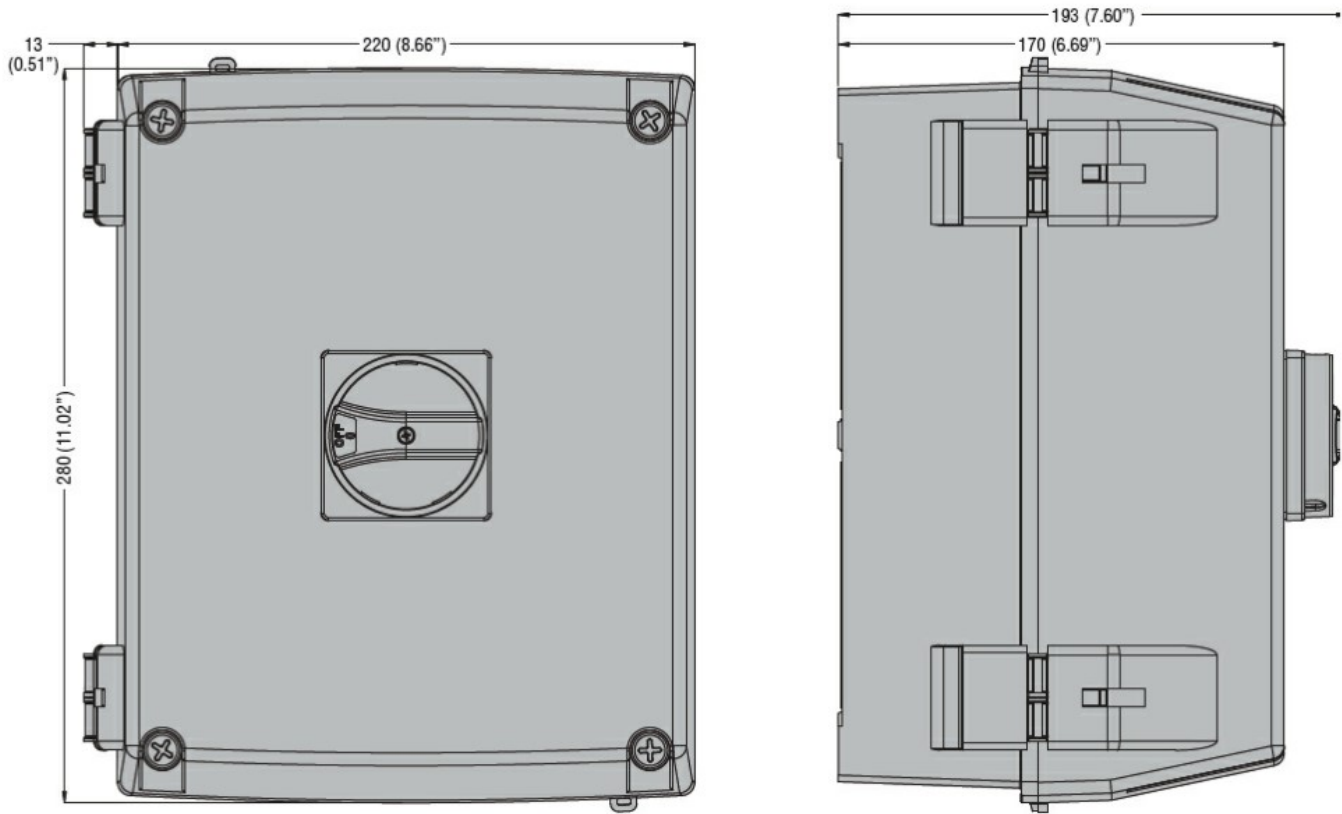
|        |                    |
|--------|--------------------|
| type   | Pillar             |
| width  | mm 12.4            |
| height | mm 10.4            |
| screw  | M8                 |
| tool   | Metric Allen key 4 |

Tightening torque for terminals

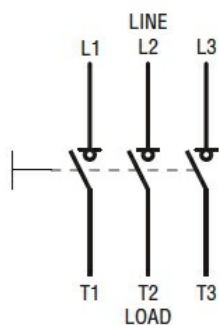
|     |    |   |
|-----|----|---|
| min | Nm | 5 |
| max | Nm | 6 |

IEC/EN TYPE IP65 NON-METALLIC ENCLOSURE SWITCH DISCONNECTOR, THREE-POLE.  
WITH ROTATING BLACK HANDLE, 125A. ENCLOSURE DIMENSIONS:  
220X280X170MM/8.7X11X6.7"

|                         |               |                 |      |
|-------------------------|---------------|-----------------|------|
|                         | min           | lbin            | 45   |
|                         | max           | lbin            | 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              |               |                 |      |



Wiring diagrams



## Certifications and compliance

### Compliance

IEC/EN 60947-1

IEC/EN 60947-3

### Certifications

EAC

## ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnecter