



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 _{th} | A | 63 |
|---|---|----|

| | | |
|--|---|------|
| Rated insulation voltage U _i IEC/EN | V | 1000 |
|--|---|------|

| | | |
|--|----|---|
| Rated impulse withstand voltage U _{imp} | kV | 8 |
|--|----|---|

Operating current I_e

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 allowable | Vertical plan Any |
|---------------------|----------------------|

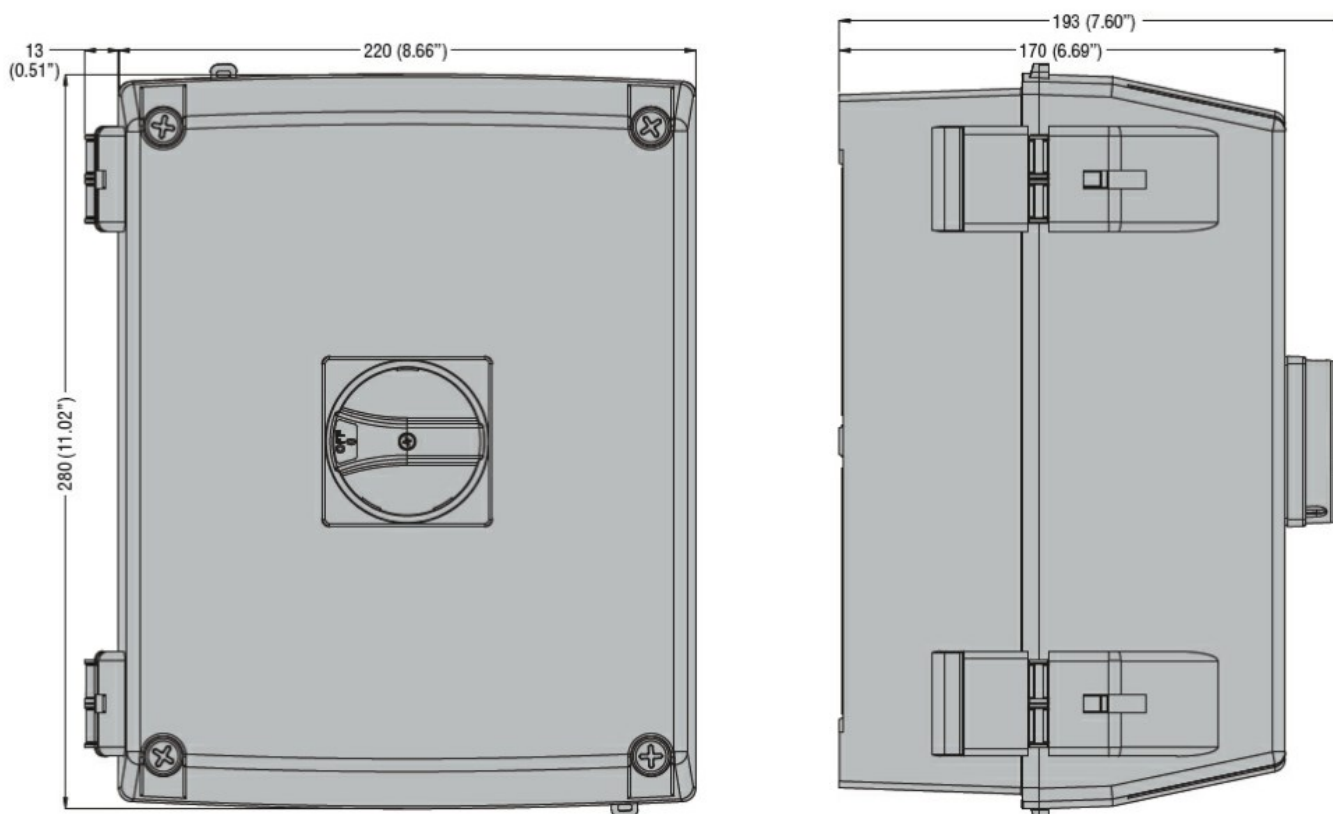
Terminals

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

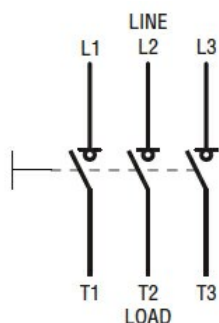
Tightening torque for terminals

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

| | | | |
|---|---------------|-----------------|------------------|
| | min | lbin | 45 |
| | max | lbin | 54 |
| Conductor section | | | |
| | IEC min | mm ² | 4 |
| | IEC max | mm ² | 70 |
| | AWG/kcmil min | | 12 |
| | AWG/kcmil max | | 1 |
| UL technical data | | | |
| General purpose current rating | | A | 60 |
| Operating voltage max | | V | 600 |
| Horsepower/FLA current single phase motor | | | |
| | 120V | HP | 3/34 |
| | 240V | HP | 7,5/40 |
| Horsepower/FLA current three phase motor | | | |
| | 240V | HP | 20/54 |
| | 480V | HP | 40/52 |
| | 600V | HP | 40/41 |
| Short circuit rating | | kA rms | 50 |
| Short circuit rating with fuse | | Class/A | J/60 |
| 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 |
| UL degree of protection | | | UL/CSA Type 4/4X |
| IP degree of protection | | | IP65 |
| Pollution degree | | | 3 |
| Dimensions | | | |



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

Certifications

cULus

EAC

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter