



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	100
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	100
500V	A	100
690V	A	100

AC22A

400V	A	100
500V	A	100
690V	A	100

AC23A

400V	A	100
500V	A	80
690V	A	47

Power dissipation per pole max	W	4
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Rated operational power AC23A

400V	kW	55
690V	kW	45

Conditional short-circuit current (rms)	kA	50
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Short-circuit protection with fuse	Class/A	gG100
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Making capacity AC23A 400V	A	1000
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Breaking capacity AC23A 400V	A	800
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Mechanical life	cycles	30000
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Electrical life AC21A	cycles	30000
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### Mechanical features

Operating position

normal  
allowable  
Vertical plan  
Any

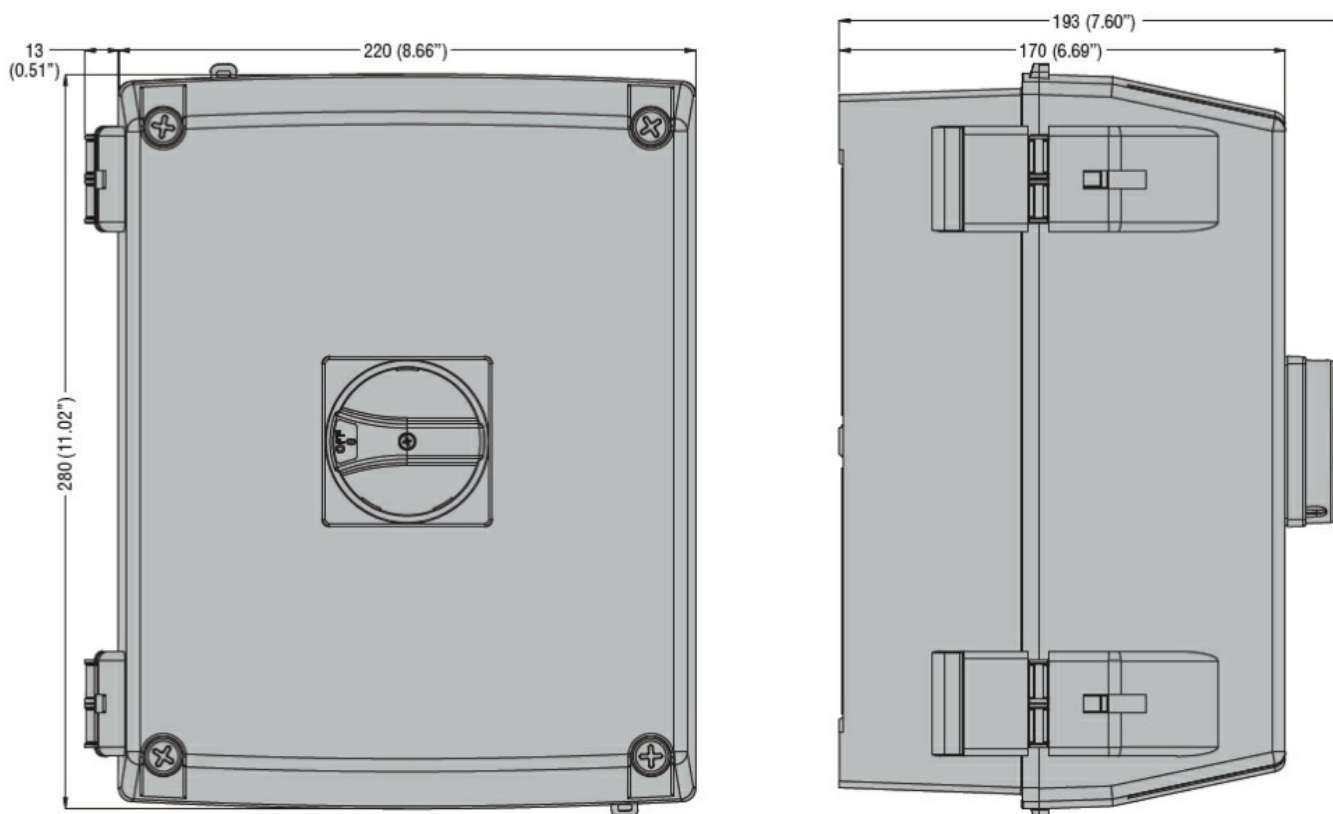
Terminals

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

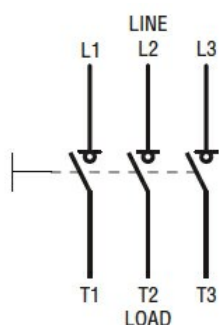
Tightening torque for terminals

min	Nm	5
max	Nm	6

	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
<b>UL technical data</b>			
General purpose current rating		A	100
Operating voltage max		V	600
Horsepower/FLA current single phase motor			
	120V	HP	5/56
	240V	HP	10/50
Horsepower/FLA current three phase motor			
	240V	HP	30/80
	480V	HP	50/65
	600V	HP	50/52
Short circuit rating		kA rms	50
Short circuit rating with fuse		Class/A	J/100
<b>Ambient conditions</b>			
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			IP65
UL degree of protection			UL/CSA Type 4/4X
IP degree of protection			IP65
Pollution degree			3
<b>Dimensions</b>			



#### 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