



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	80
Rated insulation voltage U _i IEC/EN	V	1000
Rated impulse withstand voltage U _{imp}	kV	8

Operating current I_e

AC21A

400V	A	80
500V	A	80
690V	A	80

AC22A

400V	A	80
500V	A	80
690V	A	80

AC23A

400V	A	80
500V	A	63
690V	A	47

Power dissipation per pole max	W	2.6
--------------------------------	---	-----

Rated operational power AC23A

400V	kW	45
690V	kW	45

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

Short-circuit protection with fuse	Class/A	gG80
------------------------------------	---------	------

Making capacity AC23A 400V	A	800
----------------------------	---	-----

Breaking capacity AC23A 400V	A	640
------------------------------	---	-----

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

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

Mechanical features

Operating position

normal
allowable
Vertical plan
Any

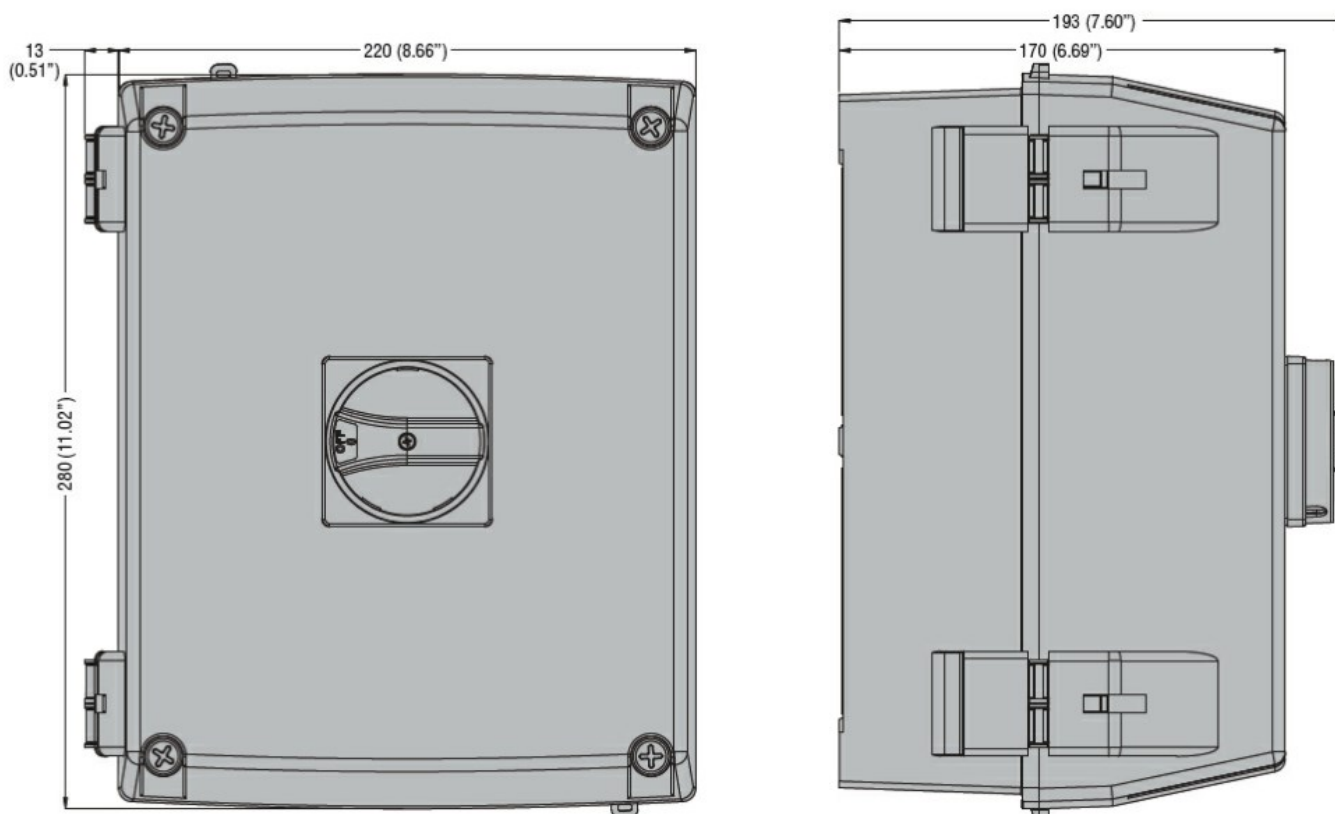
Terminals

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

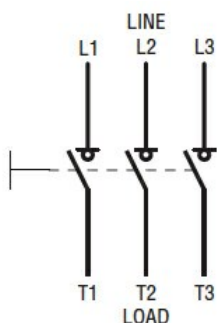
Tightening torque for terminals

min	Nm	5
max	Nm	6

	min	Ibin	45
	max	Ibin	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	100
Operating voltage max		V	600
Horsepower/FLA current single phase motor			
	120V	HP	3/34
	240V	HP	10/50
Horsepower/FLA current three phase motor			
	240V	HP	25/68
	480V	HP	40/52
	600V	HP	40/41
Short circuit rating		kA rms	50
Short circuit rating with fuse		Class/A	J/100
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