



Product designation				Enclosed switch disconnecter
Product type designation				GAZ
Number of poles	Nr.			4
Operating voltage type				AC
<b>Contact characteristics</b>				
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
<b>Mechanical features</b>				
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
<b>Conductor section</b>			
	IEC min	mm <sup>2</sup>	4
	IEC max	mm <sup>2</sup>	70
	AWG/kcmil min		12
	AWG/kcmil max		1

**UL technical data**

General purpose current rating	A	100
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Operating voltage max	V	600
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Horsepower/FLA current single phase motor	120V	HP	7.5/80
	240V	HP	100/50

Horsepower/FLA current three phase motor	240V	HP	30/80
	480V	HP	60/77
	600V	HP	60/62

Short circuit rating	kA rms	50
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Short circuit rating with fuse	Class/A	J/100
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**Ambient conditions**

Operating temperature	min	°C	-25
	max	°C	+55

Storage temperature	min	°C	-40
	max	°C	+70

Max altitude	m	3000
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**Resistance & Protection**

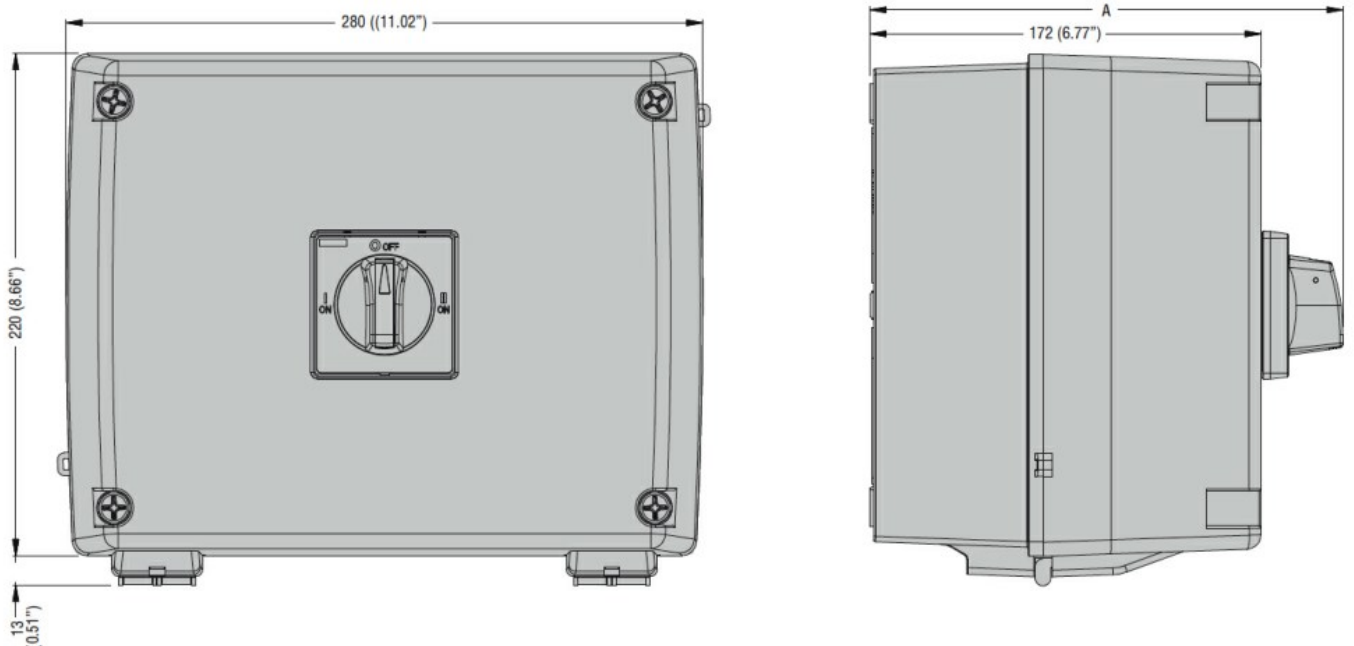
Frontal IP degree	IP65
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UL degree of protection	UL/CSA Type 4/4X
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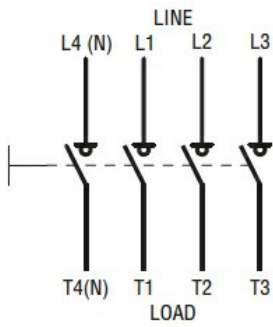
IP degree of protection	IP65
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Pollution degree	3
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**Dimensions**



**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