



Product designation				Enclosed switch disconnecter
Product type designation				GAZ
Number of poles	Nr.			3
Operating voltage type				AC
Contact characteristics				
IEC Conventional free air thermal current I _{th}	A			125
Rated insulation voltage U _i IEC/EN	V			1000
Rated impulse withstand voltage U _{imp}	kV			8
Operating current I _e				
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	

	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

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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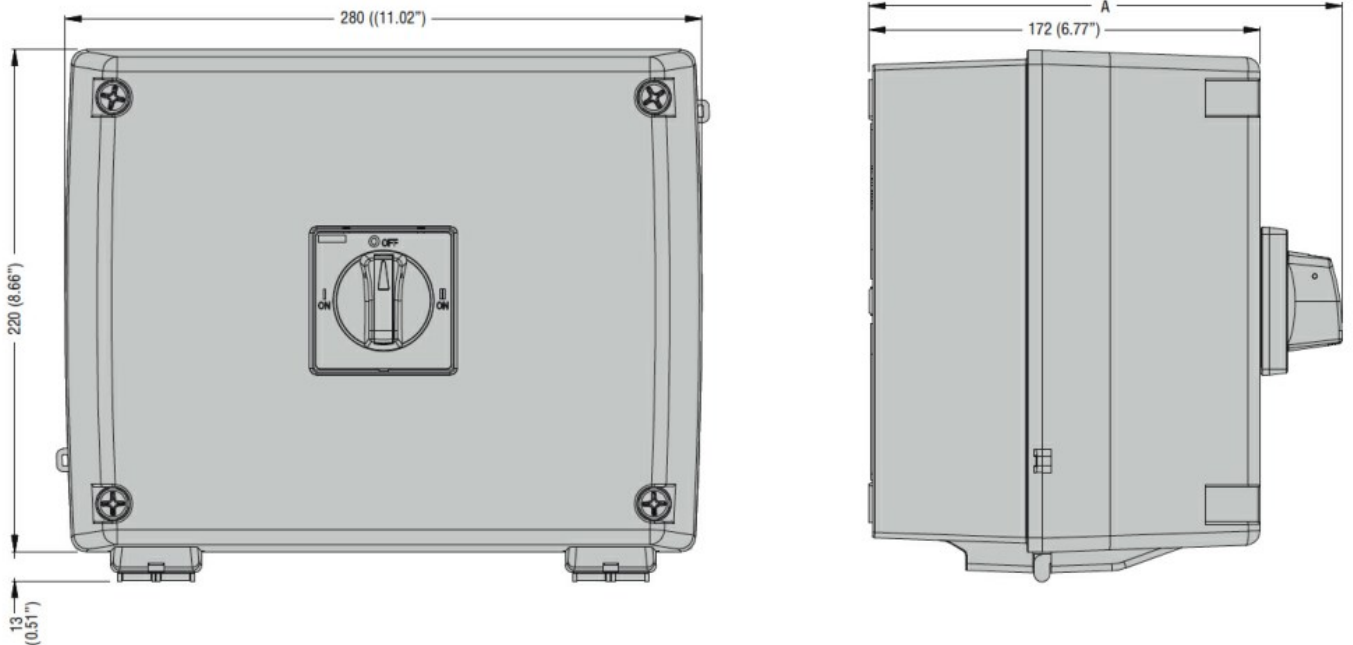
Resistance & Protection

Frontal IP degree	IP65
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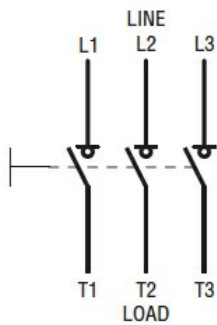
IP degree of protection	IP65
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Pollution degree	3
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Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

Certifications

EAC

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter