



Product designation				Enclosed changeover switch
Product type designation				GAZ
Number of poles		Nr.	3	
Operating voltage type				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			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	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

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

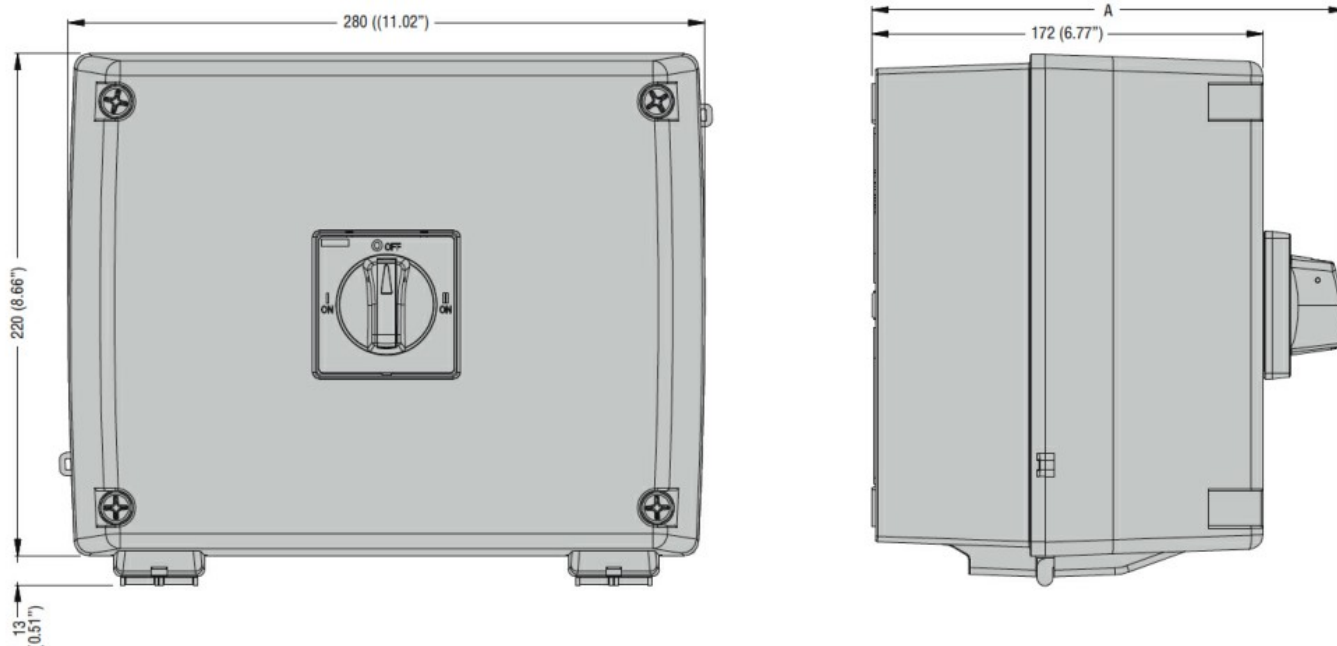
IP degree of protection

IP65

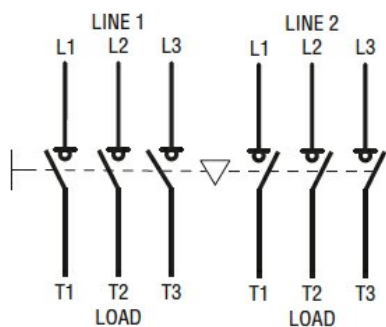
Pollution degree

3

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1
IEC/EN 60947-3
UL98 e CSA C22.2 n°4

Certifications

cCSAus
EAC

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter