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 Ith		A	80
Rated insulation voltage Ui IEC/EN		V	1000
Rated impulse withstand voltage Uimp		kV	8
Operating current Ie			
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		Vertical plan
	allowable		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

Lovato electric
ENERGY AND AUTOMATION

max	Nm	6	
min	Ibin	45	
max	Ibin	54	

Conductor section

IEC min	mm²	4	
IEC max	mm²	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
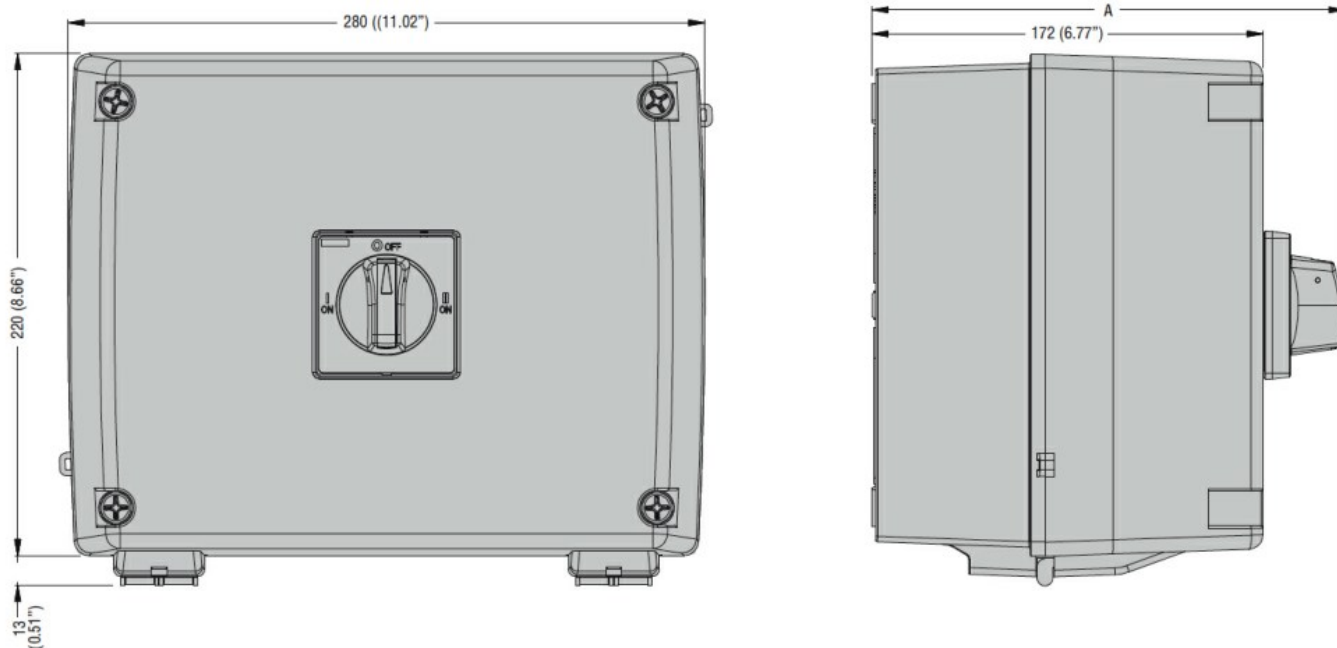
Wiring diagrams
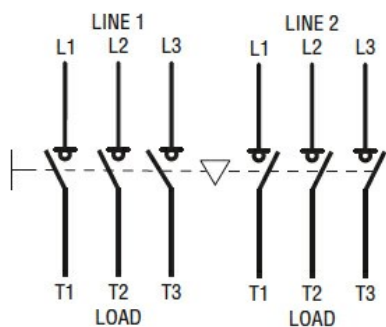
Certifications and compliance

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 disconnector