



Product designation				Switch disconnecter
Product type designation				GL
Number of poles	Nr.			3
Operating voltage type				AC
Contact characteristics				
IEC Conventional free air thermal current I _{th}	A			800
Rated insulation voltage U _i IEC/EN	V			1000
Rated impulse withstand voltage U _{imp}	kV			12
Operating current I _e				
AC21A	400V	A	800	
	500V	A	800	
	690V	A	800	
AC22A	400V	A	800	
	500V	A	800	
	690V	A	800	
AC23A	400V	A	800	
	500V	A	800	
	690V	A	800	
Power dissipation per pole max	W			40
Rated operational power AC23A	400V	kW	400	
	690V	kW	800	
Rated short time current (1s) I _{cw} (rms)	kA			20
Conditional short-circuit current (rms)	kA			80
Short-circuit protection with fuse	Class/A			gG/800
Making capacity AC23A 400V	A			8000
Breaking capacity AC23A 400V	A			6400
Mechanical life	cycles			5000
Mechanical features				
Operating position	normal allowable		Vertical plan Any	
Fixing	Screw			
Terminals	type			M12 x 40
Tightening torque for terminals	min	Nm	50	
	max	Nm	75	
	min	lbin	442	
	max	lbin	664	
Conductor section				

IEC min	mm ²	2x300
AWG/kcmil min		2
AWG/kcmil max		4x600

Ambient conditions

Operating temperature

min	°C	-25
max	°C	+55

Storage temperature

min	°C	-40
max	°C	+70

Max altitude

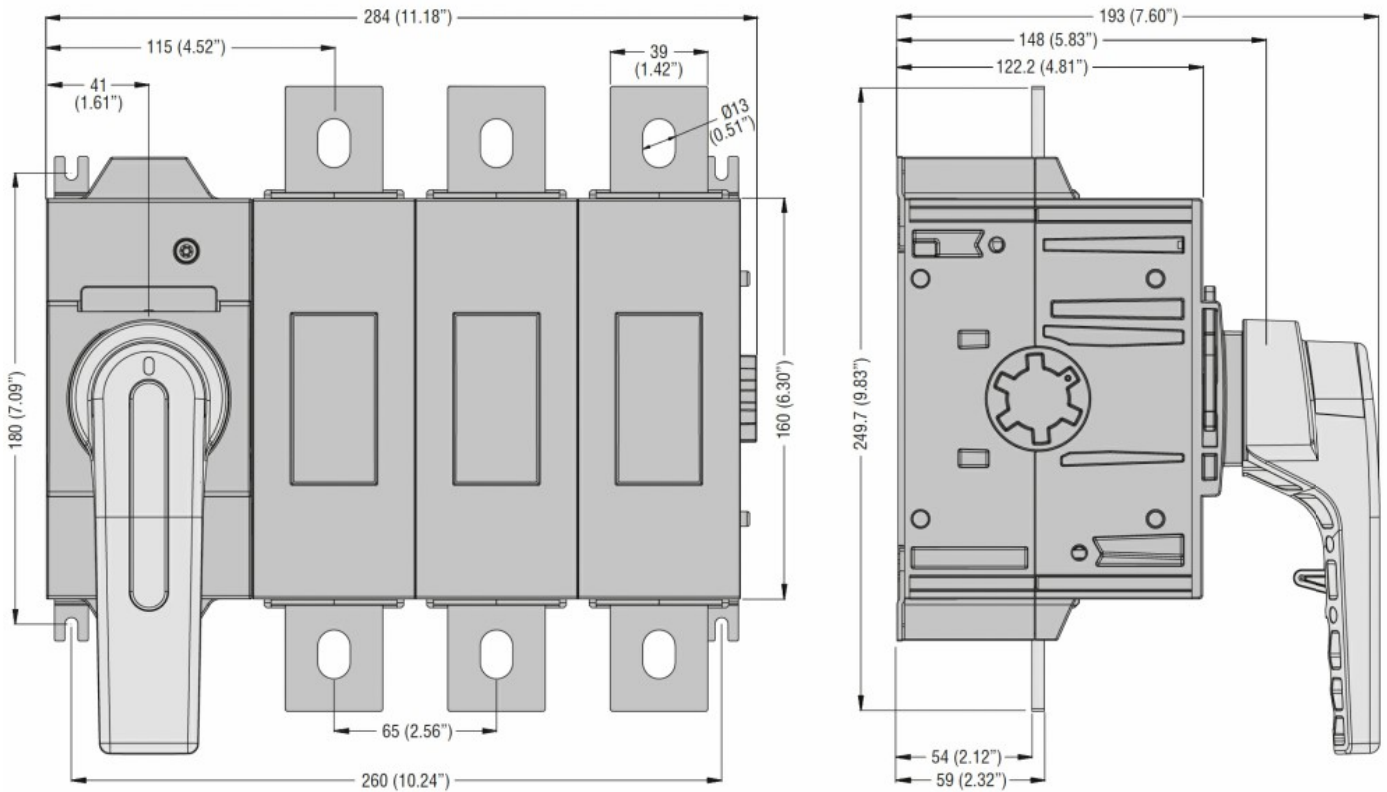
m	3000
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Resistance & Protection

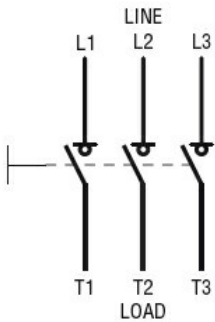
Pollution degree

3

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1
IEC/EN 60947-3

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter