



Product designation				Switch disconnecter
Product type designation				GL
Number of poles	Nr.			3
Operating voltage type				AC
<b>Contact characteristics</b>				
IEC Conventional free air thermal current I <sub>th</sub>	A			630
Rated insulation voltage U <sub>i</sub> IEC/EN	V			1000
Rated impulse withstand voltage U <sub>imp</sub>	kV			12
Operating current I <sub>e</sub>				
AC21A	400V	A	630	
	500V	A	630	
	690V	A	630	
AC22A	400V	A	630	
	500V	A	630	
	690V	A	630	
AC23A	400V	A	630	
	500V	A	630	
	690V	A	630	
Power dissipation per pole max	W			25
Rated operational power AC23A	400V	kW	355	
	690V	kW	630	
Rated short time current (1s) I <sub>cs</sub> (rms)	kA			20
Conditional short-circuit current (rms)	kA			80
Short-circuit protection with fuse	Class/A			gG/630
Making capacity AC23A 400V	A			6300
Breaking capacity AC23A 400V	A			5040
Mechanical life	cycles			5000
<b>Mechanical features</b>				
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	
<b>Conductor section</b>				

IEC min	mm <sup>2</sup>	2x240
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

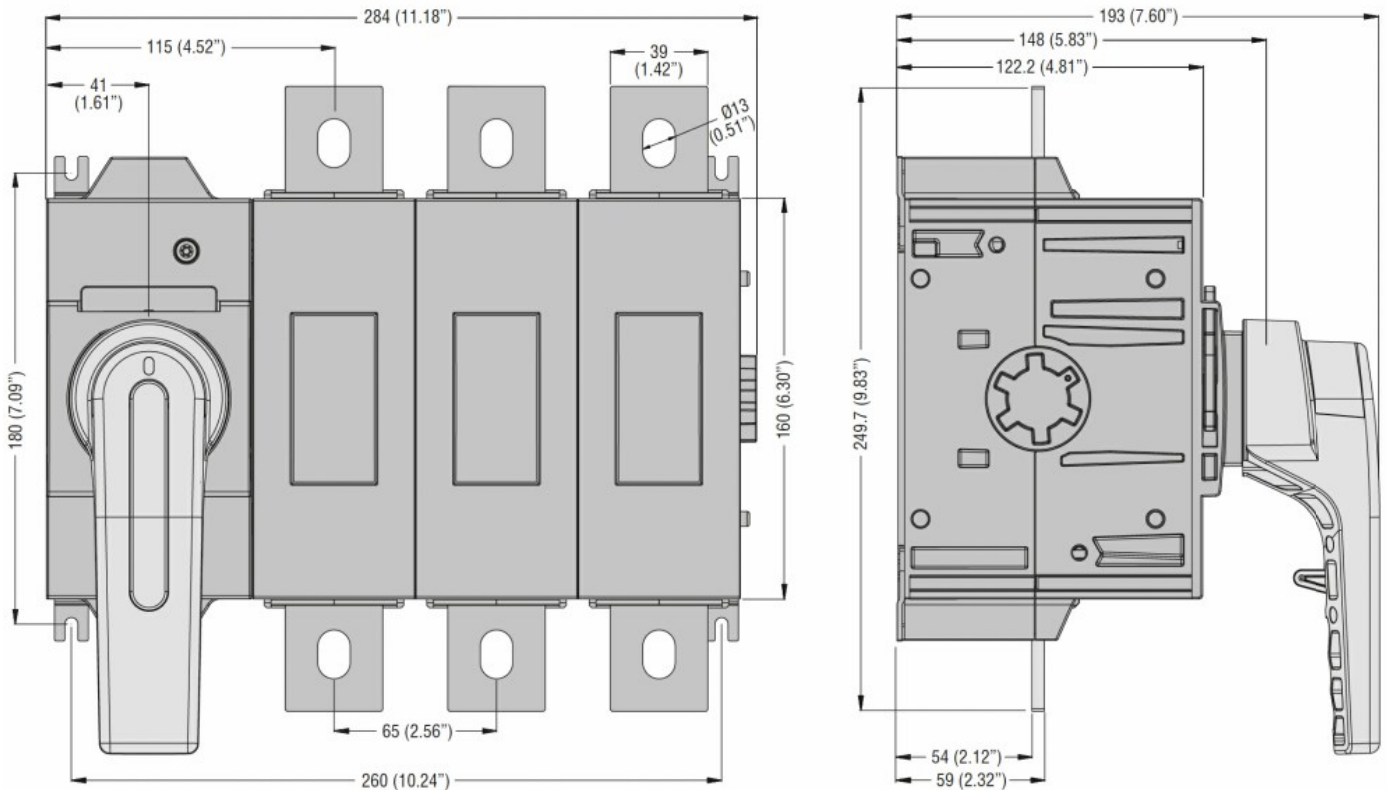
m	3000
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**Resistance & Protection**

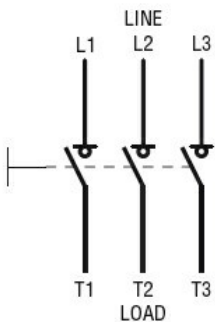
Pollution degree

3

**Dimensions**



**Wiring diagrams**



**Certifications and compliance**

Compliance

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

ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnecter