



Product designation				Switch disconnecter
Product type designation				GL UL
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>cw</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	
Conductor section				

IEC min	mm <sup>2</sup>	2x185
AWG/kcmil min		2
AWG/kcmil max		4x600

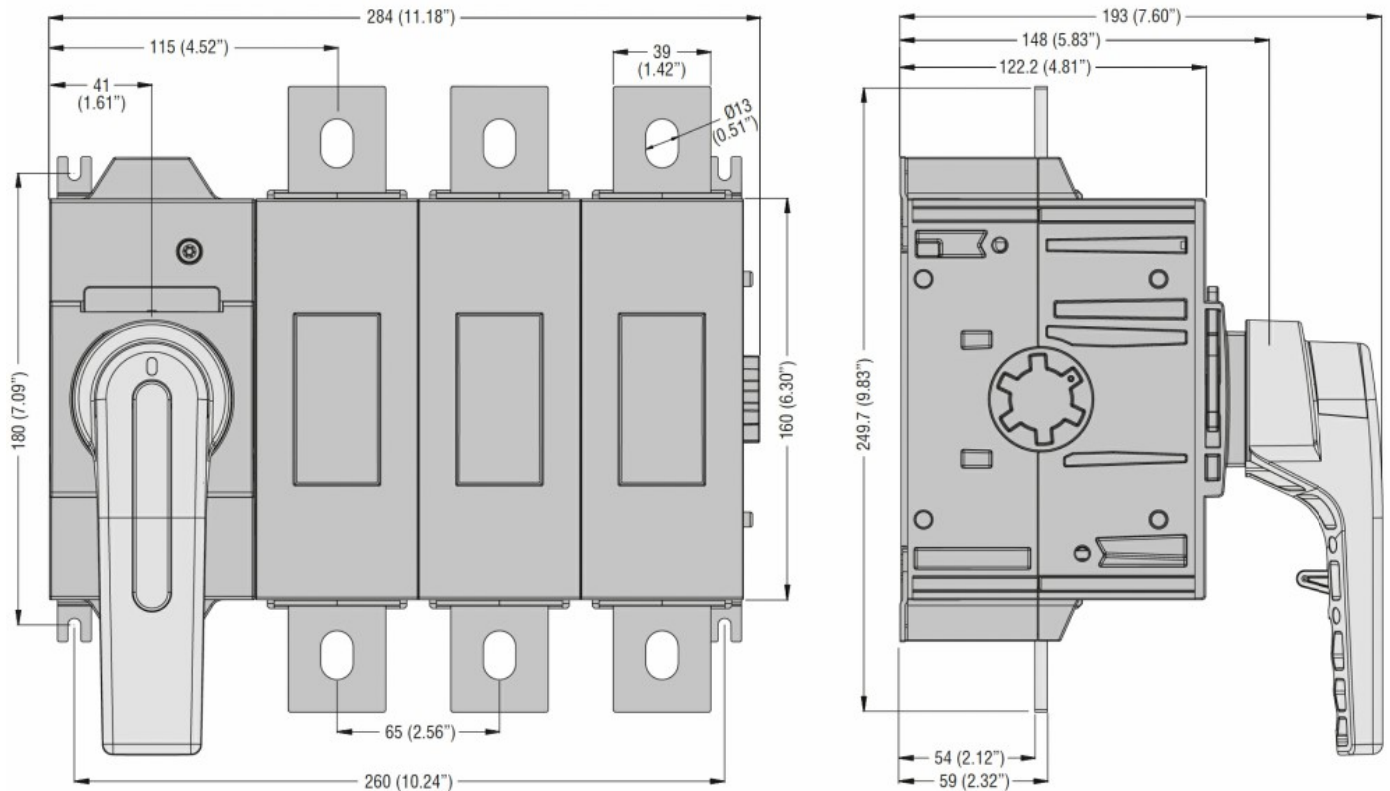
**UL technical data**

UL Standard			UL98
General purpose current rating		A	600
Operating voltage max		V	600
Horsepower/FLA current three phase motor			
	240V	HP	200/480
	480V	HP	450/515
	600V	HP	500/472
Short circuit rating		kA rms	100
Short circuit rating with fuse		Class/A	J/600
UL Terminal kit lugs			GL506-GL507
Minimum enclosure dimensions at rated current			
	mm	mm	750 x 600 x 250
	in	in	29,5 x 23,6 x 9,8

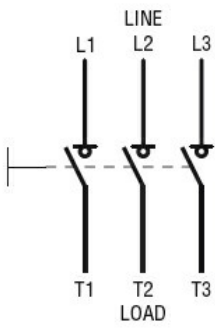
**Ambient conditions**

Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Max altitude		m	3000

**Dimensions**



**Wiring diagrams**



**Certifications and compliance**

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

Certifications

cULus

**ETIM classification**

ETIM 8.0

EC000216 -  
Switch  
disconnecter