



Product designation				Switch disconnecter
Product type designation				GL UL
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 _{cs} (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	2x185
AWG/kcmil min		2
AWG/kcmil max		4x600

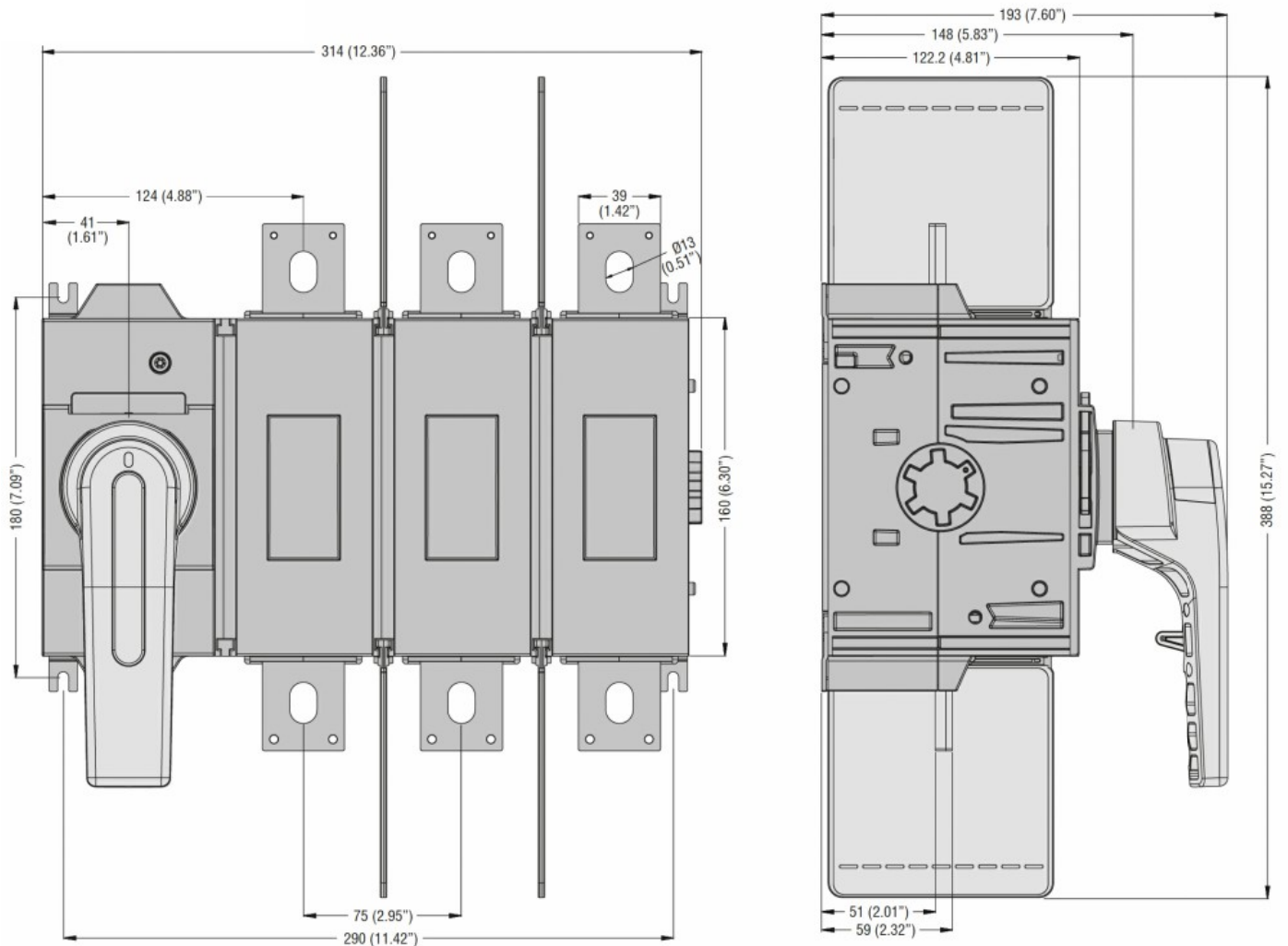
UL technical data

UL Standard			UL98
General purpose current rating		A	800
Operating voltage max		V	600
Horsepower/FLA current three phase motor			
	240V	HP	250/604
	480V	HP	500/590
	600V	HP	500/600
Short circuit rating		kA rms	100
Short circuit rating with fuse		Class/A	L/800
UL Terminal kit lugs			GL506-GL507
Minimum enclosure dimensions at rated current			
	mm	mm	1000 x 1200 x 300
	in	in	39,4 x 47,2 x 11,8

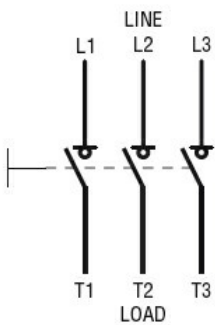
Ambient conditions

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