



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 _{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	2x185
AWG/kcmil min		2
AWG/kcmil max		4x600

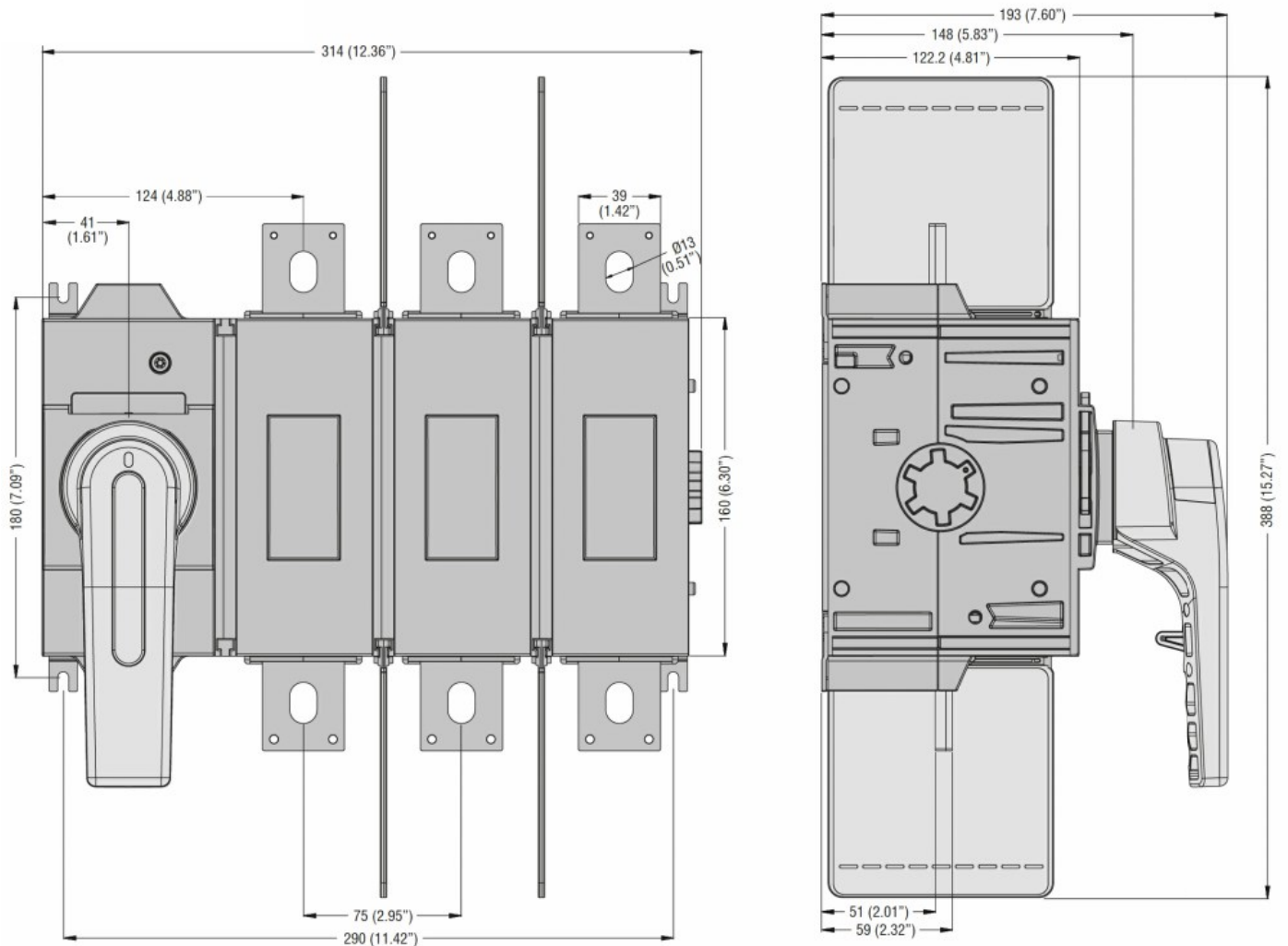
UL technical data

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

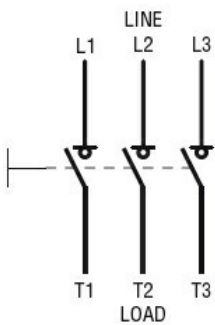
Ambient conditions

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