



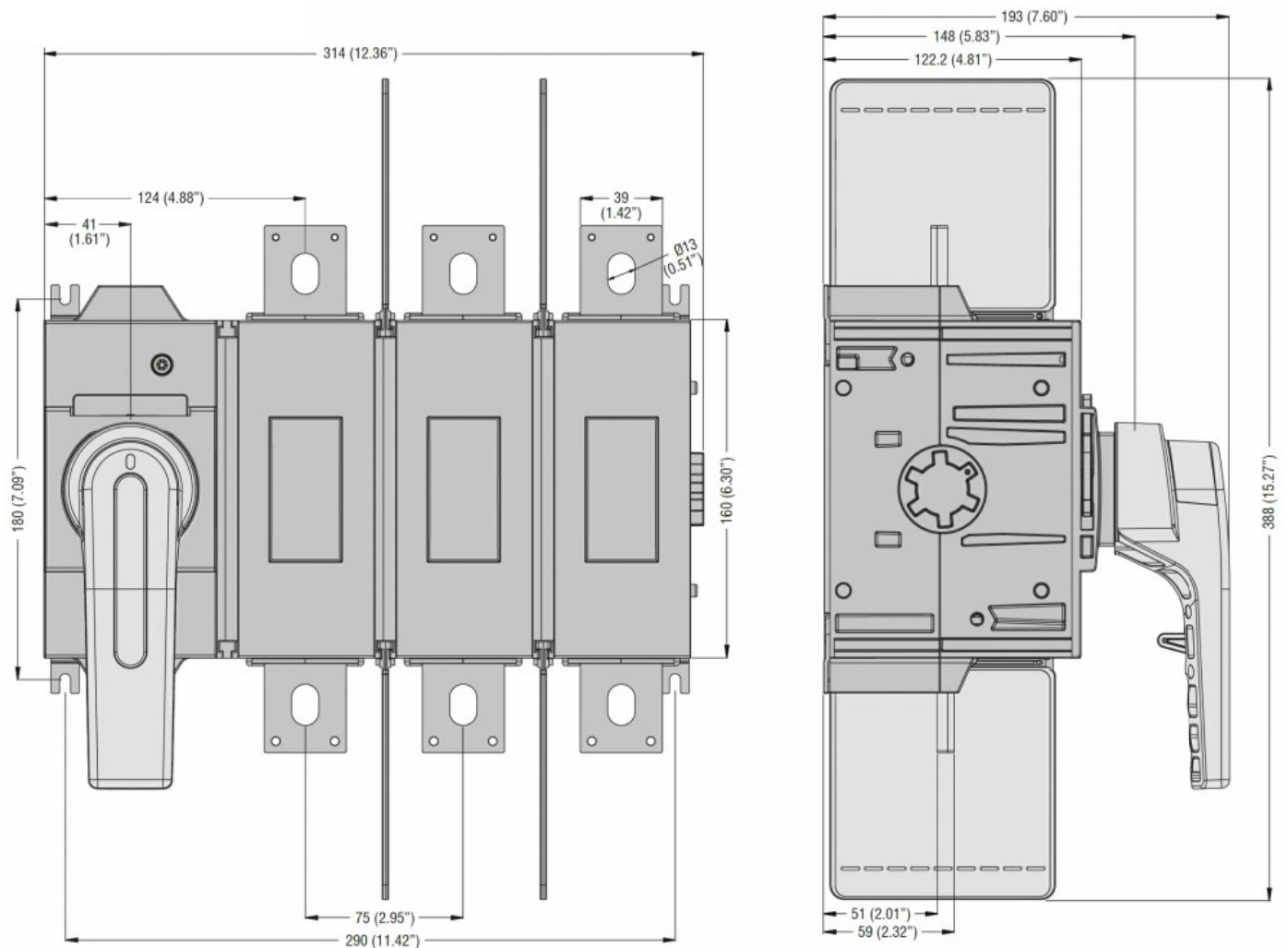
Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$	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
	1000V	A 800
AC22A		
	400V	A 800
	500V	A 800
	690V	A 800
AC23A		
	400V	A 800
	500V	A 800
	690V	A 800
	1000V	A 400
Power dissipation per pole max	W	40
Rated operational power AC23A		
	400V	kW 400
	690V	kW 800
Reactive power for control of capacitors at		
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

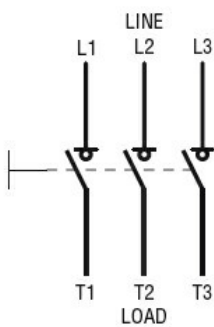
Mechanical features

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 AWG/kcmil min	mm ² 2x185 2

	AWG/kcmil max	kcmil	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/A	250/604
	480V	HP/A	500/590
	600V	HP/A	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