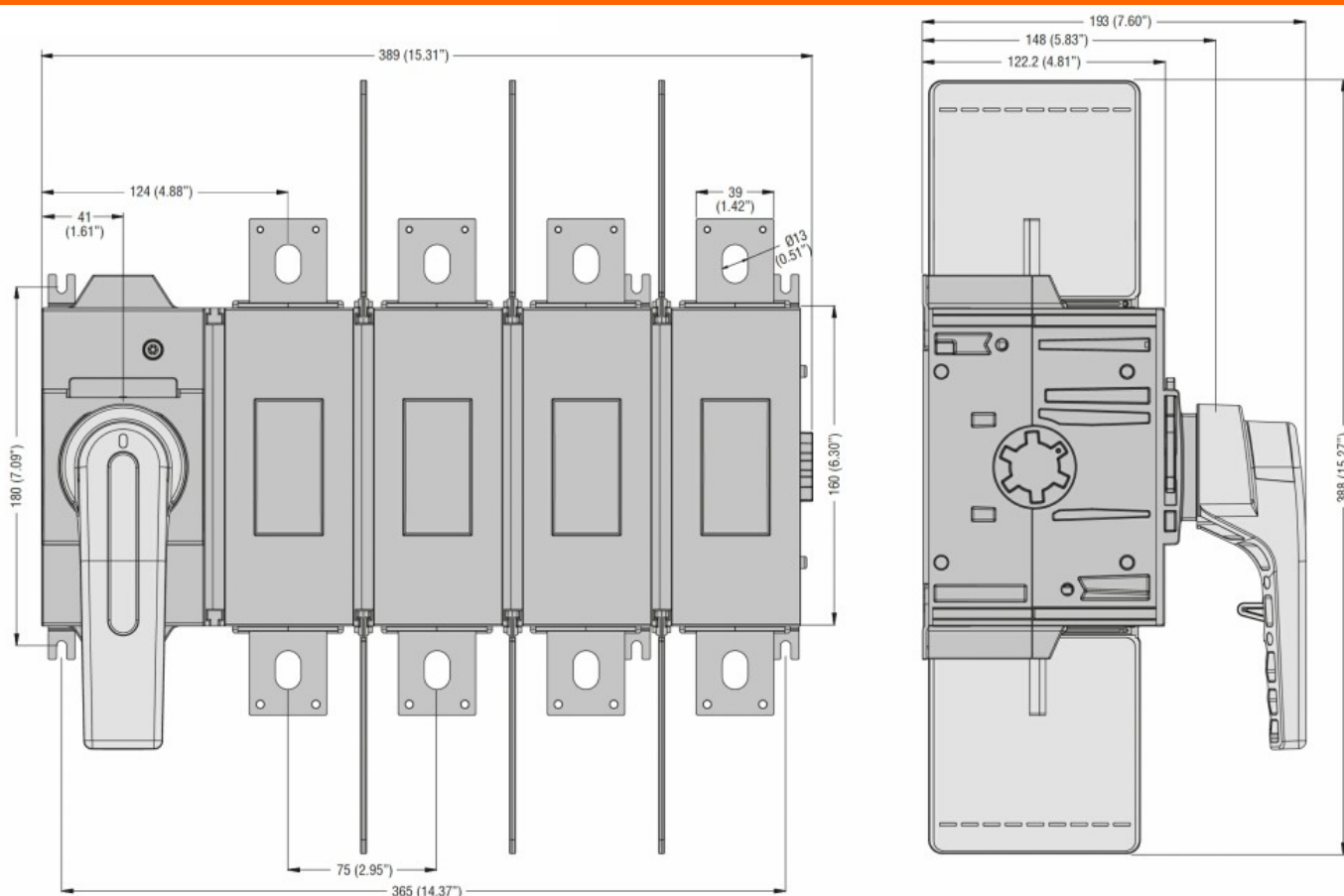




Product designation			Fourth pole	
Product type designation			GLX42	
Number of poles			Nr.	1
Operating voltage type			AC	
Contact characteristics				
IEC Conventional free air thermal current I _{th} ≤ 40°C			A	800
Rated insulation voltage U _i IEC/EN			V	1000
Rated impulse withstand voltage U _{imp}			kV	12
Operating current I _e				
AC21A				
			400V	A 800
			500V	A 800
			690V	A 800
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 560
			690V	kW 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
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	mm² 2x185
			AWG/kcmil min	2
			AWG/kcmil max	kcmil 4x600
UL technical data				
UL Standard			UL98	

General purpose current rating	A	800
UL Terminal kit lugs	GL506-GL507	
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

EC002498 -
Accessories/spare
parts for low-
voltage switch
technology