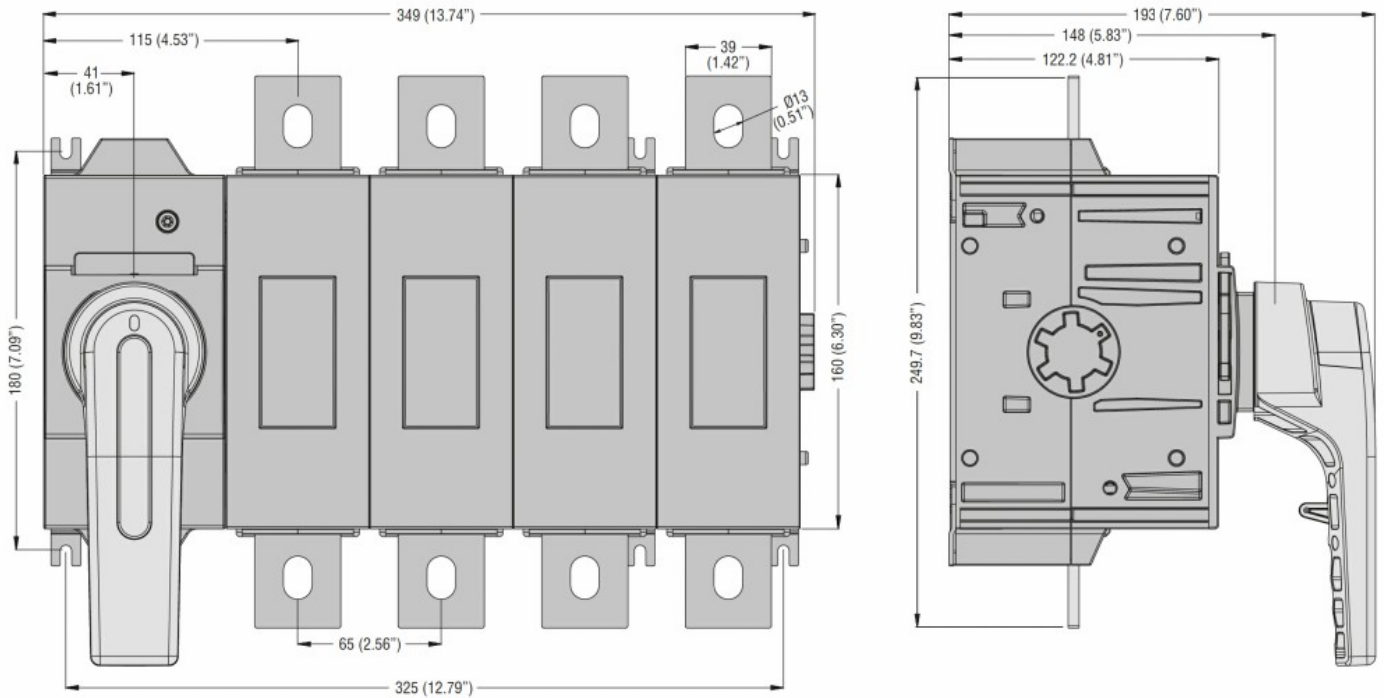




Product designation				Fourth pole
Product type designation				GLX42
Number of poles		Nr.		1
Operating voltage type				AC
Contact characteristics				
IEC Conventional free air thermal current I _{th}		A		630
Rated insulation voltage U _i IEC/EN		V		1000
Rated impulse withstand voltage U _{imp}		kV		12
Operating current I _e				
	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	560
		690V	kW	800
Making capacity AC23A 400V			A	6300
Breaking capacity AC23A 400V			A	5040
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	mm ²	2x185
		AWG/kcmil min		2
		AWG/kcmil max		4x600
UL technical data				
UL Standard				UL98

General purpose current rating	A	600
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