



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 Ith			A	630	
Rated insulation voltage Ui IEC/EN			V	1000	
Rated impulse withstand voltage Uimp			kV	12	
Operating current Ie					
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	mm²	2x185
			AWG/kcmil min		2
			AWG/kcmil max		4x600
UL technical data					
UL Terminal kit lugs			GL506-GL507		

Ambient conditions

Operating temperature

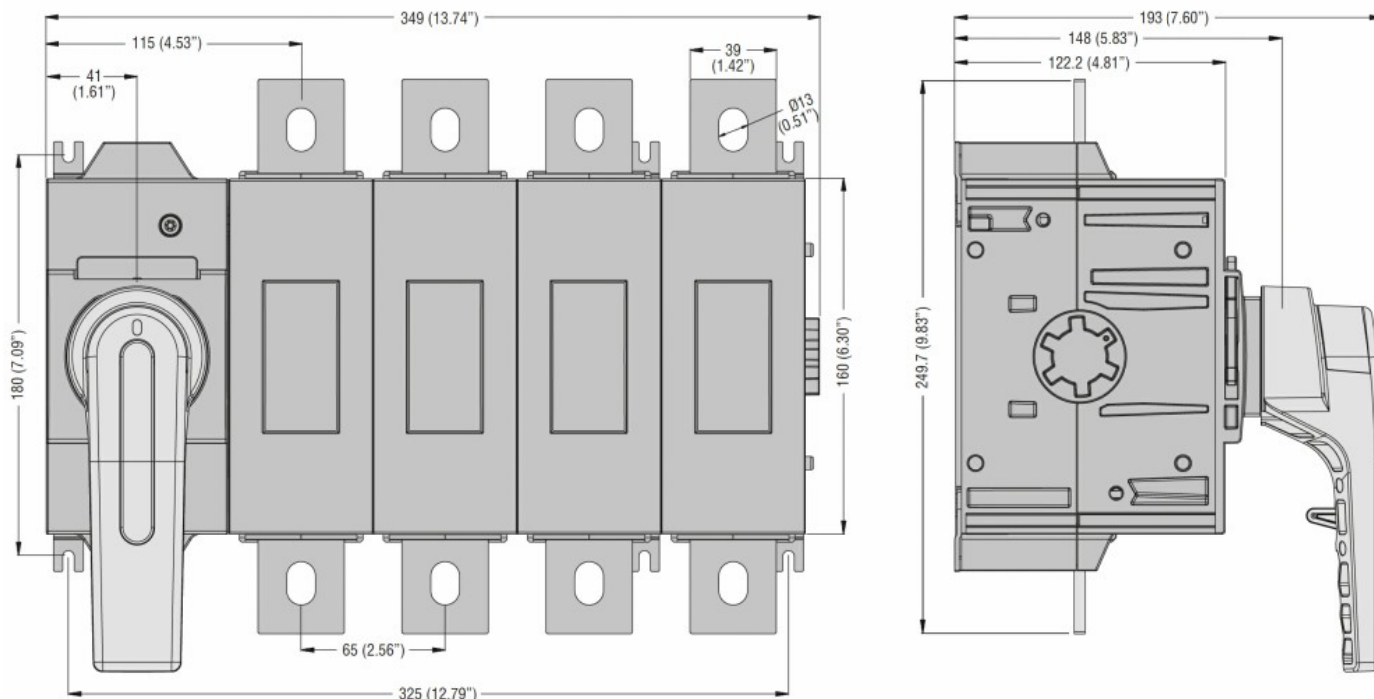
min	°C	-25
max	°C	+55

Storage temperature

min	°C	-40
max	°C	+70
	m	3000

Max altitude

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1
IEC/EN 60947-3

ETIM classification

ETIM 8.0

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