



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 <sub>th</sub>			A	800
Rated insulation voltage U <sub>i</sub> IEC/EN			V	1000
Rated impulse withstand voltage U <sub>imp</sub>			kV	12
Operating current I <sub>e</sub>				
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	4x600
UL technical data				
UL Terminal kit lugs			GL506-GL507	

## Ambient conditions

Operating temperature

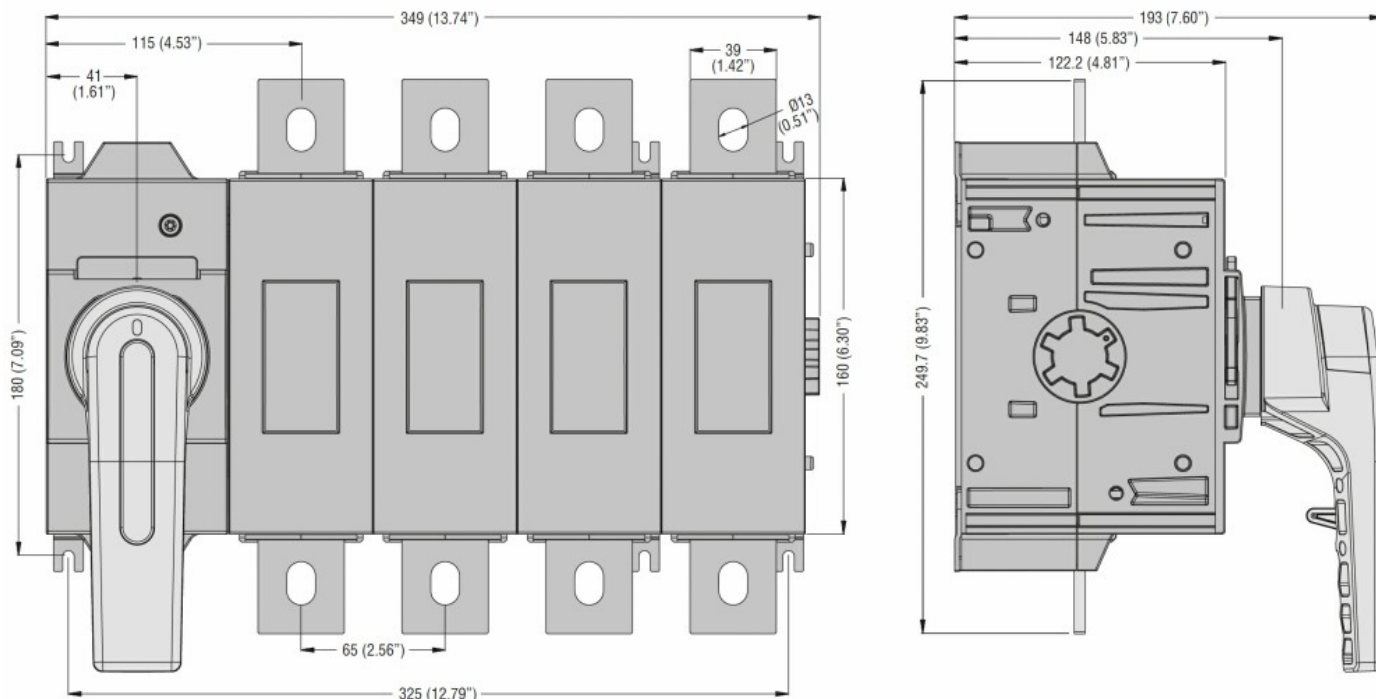
min	°C	-25
max	°C	+55

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