



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 $I_{th} \leq 40^\circ\text{C}$		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	kcmil	4x600
UL technical data				
UL Terminal kit lugs				GL506-GL507

Ambient conditions

Operating temperature

min	°C	-25
max	°C	+55

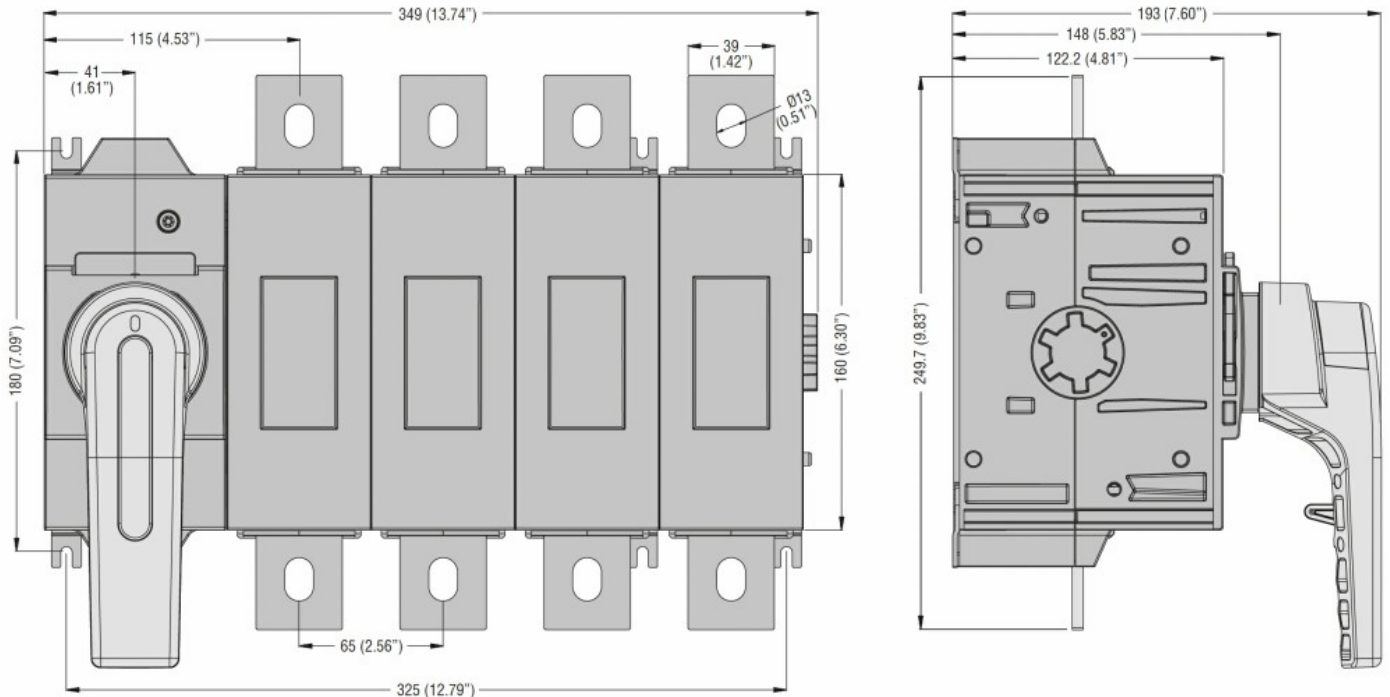
Storage temperature

min	°C	-40
max	°C	+70

Max altitude

m	3000
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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