



Product designation				Changeover Switch
Product type designation				GLC UL
Number of poles		Nr.	3	
Operating voltage type			AC	
Contact characteristics				
IEC Conventional free air thermal current I _{th}		A	160	
Rated insulation voltage U _i IEC/EN		V	1000	
Rated impulse withstand voltage U _{imp}		kV	12	
Operating current I _e				
	AC-31B			
		400V	A	160
		500V	A	160
		690V	A	160
	AC-32B			
		400V	A	160
		500V	A	160
		690V	A	160
	AC-33B			
		400V	A	160
		500V	A	160
		690V	A	160
Power dissipation per pole max			W	4
Rated operational power AC23A				
		400V	kW	90
		690V	kW	134
Rated short time current (1s) I _{cs} (rms)			kA	6
Rated short time current (0.3s) I _{cs} (rms)			kA	12
Conditional short-circuit current (rms)			kA	100
Short-circuit protection with fuse			Class/A	gG/160
Making capacity AC23A 400V			A	1600
Breaking capacity AC23A 400V			A	1280
Mechanical life			cycles	20000
Mechanical features				
Operating position		normal allowable	Vertical plan Any	
Fixing			Screw	
Terminals		type	M8 x 20	
Tightening torque for terminals				
		min	Nm	15
		max	Nm	22
		min	lbin	132
		max	lbin	194

Conductor section

IEC min	mm ²	70
IEC max	mm ²	185
AWG/kcmil min		00
AWG/kcmil max		400

UL technical data

UL Standard	UL1008		
General purpose current rating	A	100	
Horsepower/FLA current three phase motor			
	240V	HP	30/80
	480V	HP	75/96
	600V	HP	100/99
Short circuit rating		kA rms	200
Short circuit rating with fuse		Class/A	J/100
UL Terminal kit lugs		GLX500 - GLX501	

Minimum enclosure dimensions at rated current

mm	mm	400 x 250 x 150
in	in	15.8 x 9.9 x 5.9

Ambient conditions

Operating temperature

min	°C	-25
max	°C	+55

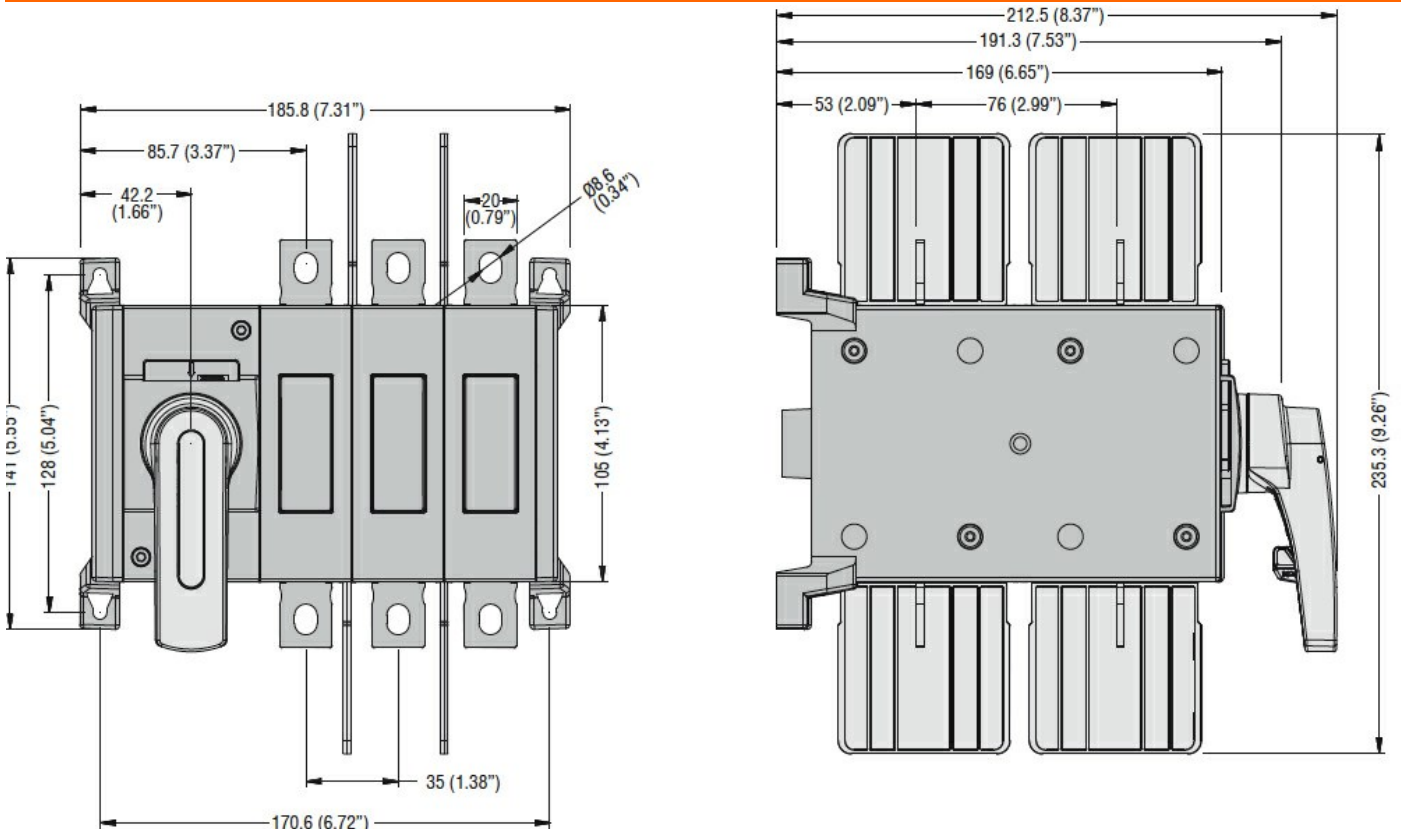
Storage temperature

min	°C	-40
max	°C	+70

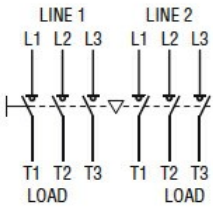
Max altitude

m	3000
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Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1
IEC/EN 60947-3
IEC/EN 60947-6-1

Certifications

cULus

ETIM classification

ETIM 8.0

EC000216 -
 Switch
 disconnecter