



Product designation				Changeover Switch
Product type designation				GLC
Number of poles		Nr.	3	
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				
	AC-31B			
		400V	A	630
		500V	A	630
		690V	A	630
	AC-32B			
		400V	A	630
		500V	A	500
		690V	A	500
	AC-33B			
		400V	A	630
		500V	A	500
		690V	A	500
Power dissipation per pole max			W	41
Rated operational power AC23A				
		400V	kW	355
		690V	kW	500
Rated short time current (1s) I _{cs} (rms)			kA	12.5
Rated short time current (0.3s) I _{cs} (rms)			kA	20
Conditional short-circuit current (rms)			kA	80
Short-circuit protection with fuse			Class/A	gG/630
Making capacity AC23A 400V			A	6300
Breaking capacity AC23A 400V			A	5040
Mechanical life			cycles	10000
Mechanical features				
Operating position		normal allowable	Vertical plan Any	
Fixing			Screw	
Terminals		type	M10 x 25	
Tightening torque for terminals		min	Nm	30
		max	Nm	37
		min	lbin	265
		max	lbin	327

Conductor section

IEC min	mm ²	1X182
IEC max	mm ²	2X185
AWG/kcmil min		1X400
AWG/kcmil max		2X350

Ambient conditions

Operating temperature

min	°C	-25
max	°C	+55

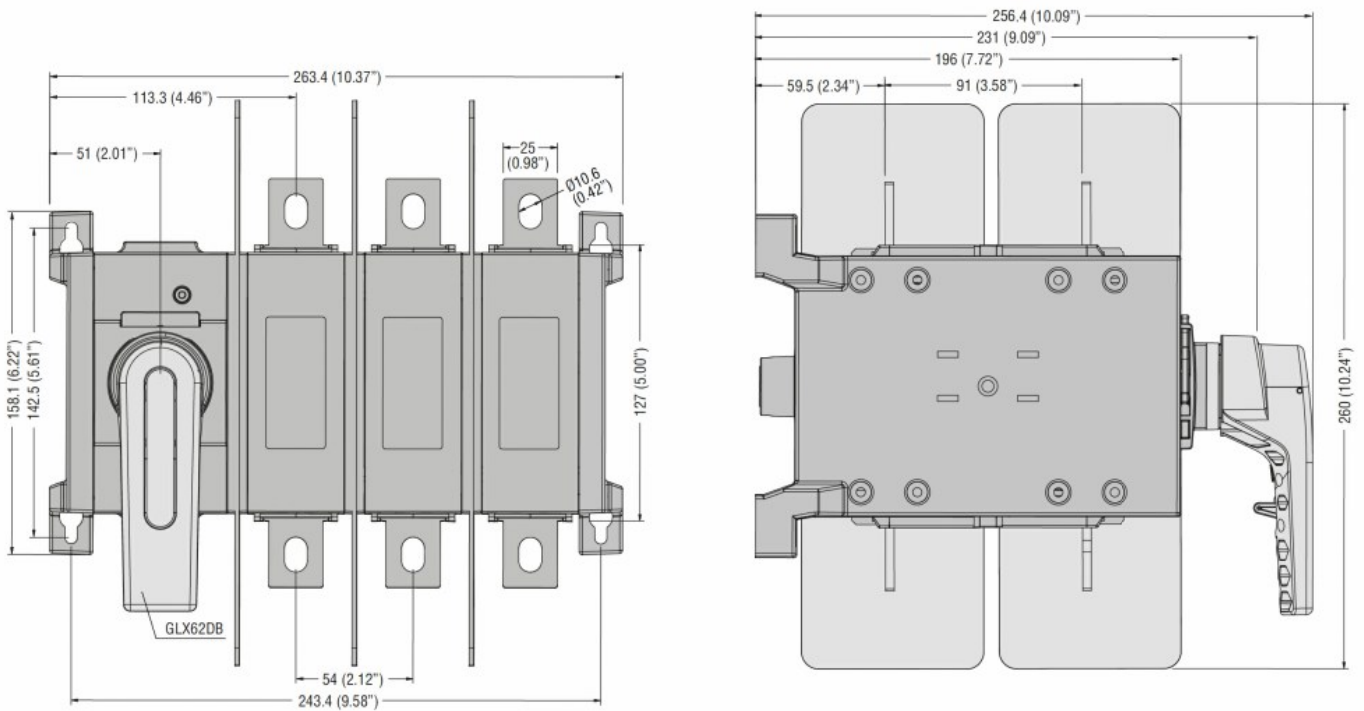
Storage temperature

min	°C	-40
max	°C	+70

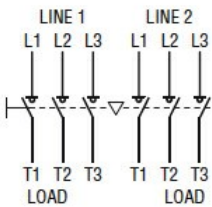
Max altitude

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

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter