



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	500	
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	500	
	500V	A	500	
	690V	A	500	
AC-32B				
	400V	A	500	
	500V	A	500	
	690V	A	500	
AC-33B				
	400V	A	500	
	500V	A	500	
	690V	A	500	
Power dissipation per pole max		W	32.5	
Rated operational power AC23A				
	400V	kW	250	
	690V	kW	500	
Rated short time current (1s) I _{cw} (rms)		kA	12.5	
Rated short time current (0.3s) I _{cw} (rms)		kA	20	
Conditional short-circuit current (rms)		kA	80	
Short-circuit protection with fuse		Class/A	gG/500	
Making capacity AC23A 400V		A	5000	
Breaking capacity AC23A 400V		A	4000	
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

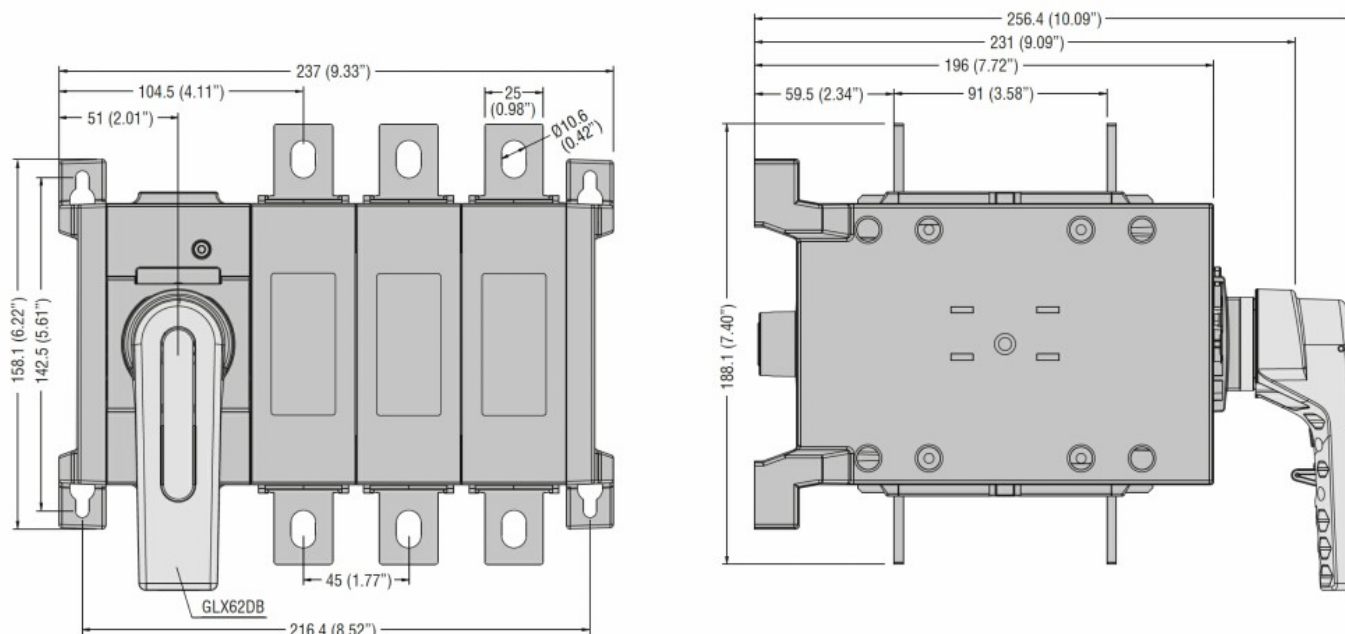
Storage temperature

min	°C	-40
max	°C	+70

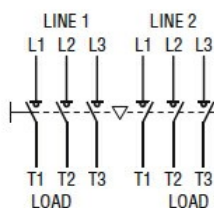
Max altitude

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