



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 $I_{th} \leq 40^\circ\text{C}$	A			630
Rated insulation voltage U_i IEC/EN	V			1000
Rated impulse withstand voltage U_{imp}	kV			12
Operating current I_e				
AC-31B	400V	A	630	
	500V	A	630	
	690V	A	630	
AC-32B	400V	A	630	
	500V	A	630	
	690V	A	630	
AC-33B	400V	A	630	
	500V	A	630	
	690V	A	630	
Power dissipation per pole max	W			25
Rated operational power AC23A	400V	kW	355	
	690V	kW	630	
Rated short time current (1s) I_{cw} (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			5000
Mechanical features				
Operating position	normal allowable		Vertical plan Any	
Fixing	Screw			
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
IEC max	mm ²	4x300
AWG/kcmil min		2
AWG/kcmil max	kcmil	4x600

Ambient conditions

Operating temperature

min	°C	-25
max	°C	+55

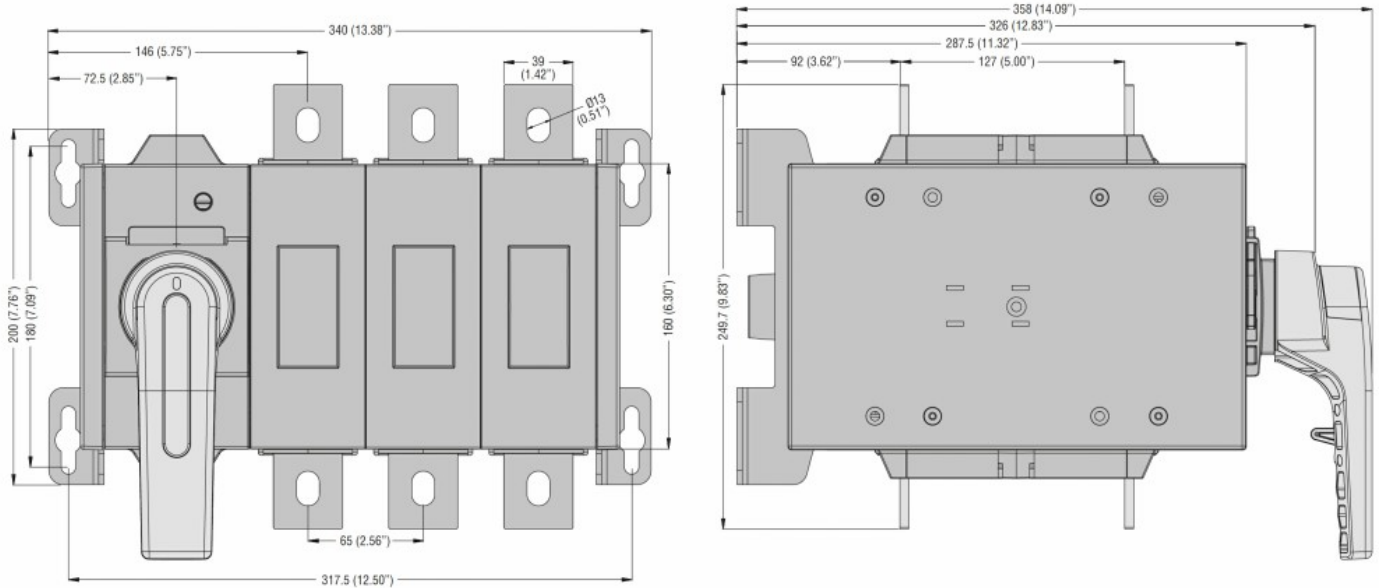
Storage temperature

min	°C	-40
max	°C	+70

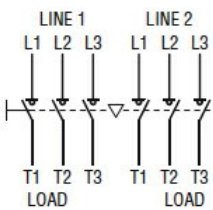
Max altitude

m 3000

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