



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 Ith			A	160
Rated insulation voltage Ui IEC/EN			V	1000
Rated impulse withstand voltage Uimp			kV	12
Operating current Ie				
AC31B				
			400V	A 160
			500V	A 160
			690V	A 160
AC32B				
			400V	A 160
			500V	A 160
			690V	A 160
AC33B				
			400V	A 160
			500V	A 160
			690V	A 160
Power dissipation per pole max			W	3.2
Rated operational power AC23A				
			400V	kW 90
			690V	kW 144
Rated short time current (1s) Icw (rms)			kA	6
Rated short time current (0.3s) Icw (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
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Ambient conditions

Operating temperature

min	°C	-25
max	°C	+55

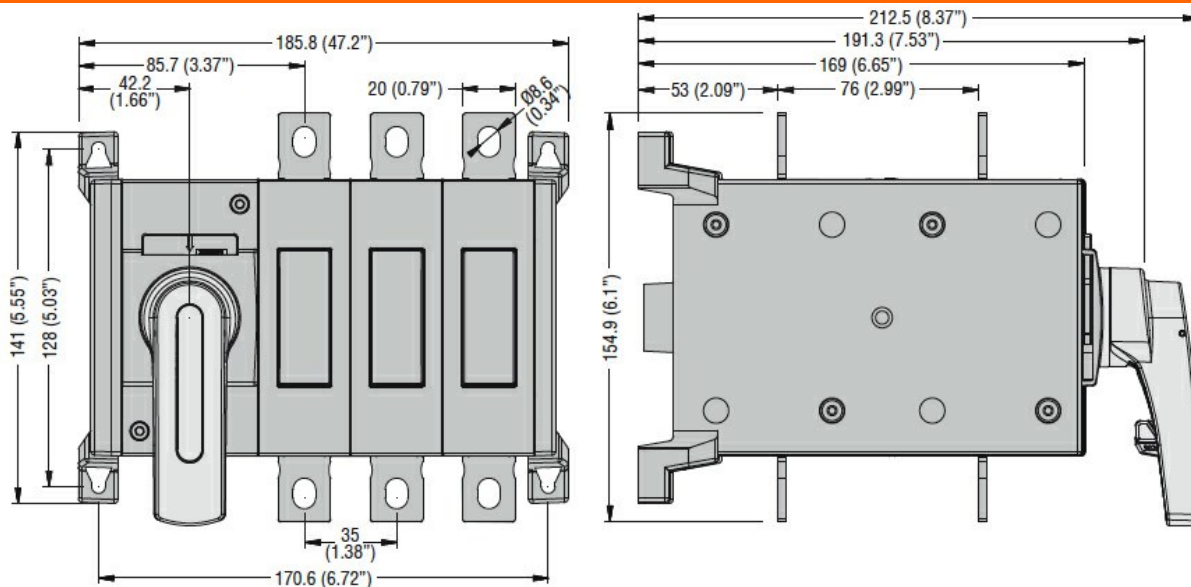
Storage temperature

min	°C	-40
max	°C	+70

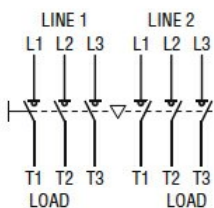
Max altitude

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