



Product designation				Switch disconnecter
Product type designation				GL
Number of poles		Nr.	3	
Operating voltage type			AC	
<b>Contact characteristics</b>				
IEC Conventional free air thermal current I <sub>th</sub>		A	1000	
Rated insulation voltage U <sub>i</sub> IEC/EN		V	1000	
Rated impulse withstand voltage U <sub>imp</sub>		kV	12	
Operating current I <sub>e</sub>				
	AC21A			
		400V	A	1000
		500V	A	1000
		690V	A	1000
	AC22A			
		400V	A	1000
		500V	A	1000
		690V	A	800
	AC23A			
		400V	A	1000
		500V	A	1000
		690V	A	800
Power dissipation per pole max			W	63
Rated operational power AC23A				
		400V	kW	560
		690V	kW	800
Rated short time current (1s) I <sub>cw</sub> (rms)			kA	20
Conditional short-circuit current (rms)			kA	50
Short-circuit protection with fuse			Class/A	gG/1000
Making capacity AC23A 400V			A	10000
Breaking capacity AC23A 400V			A	8000
Mechanical life			cycles	5000
<b>Mechanical features</b>				
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 <sup>2</sup>	2x185
AWG/kcmil min		2
AWG/kcmil max		4x600

**Ambient conditions**

Operating temperature

min	°C	-25
max	°C	+55

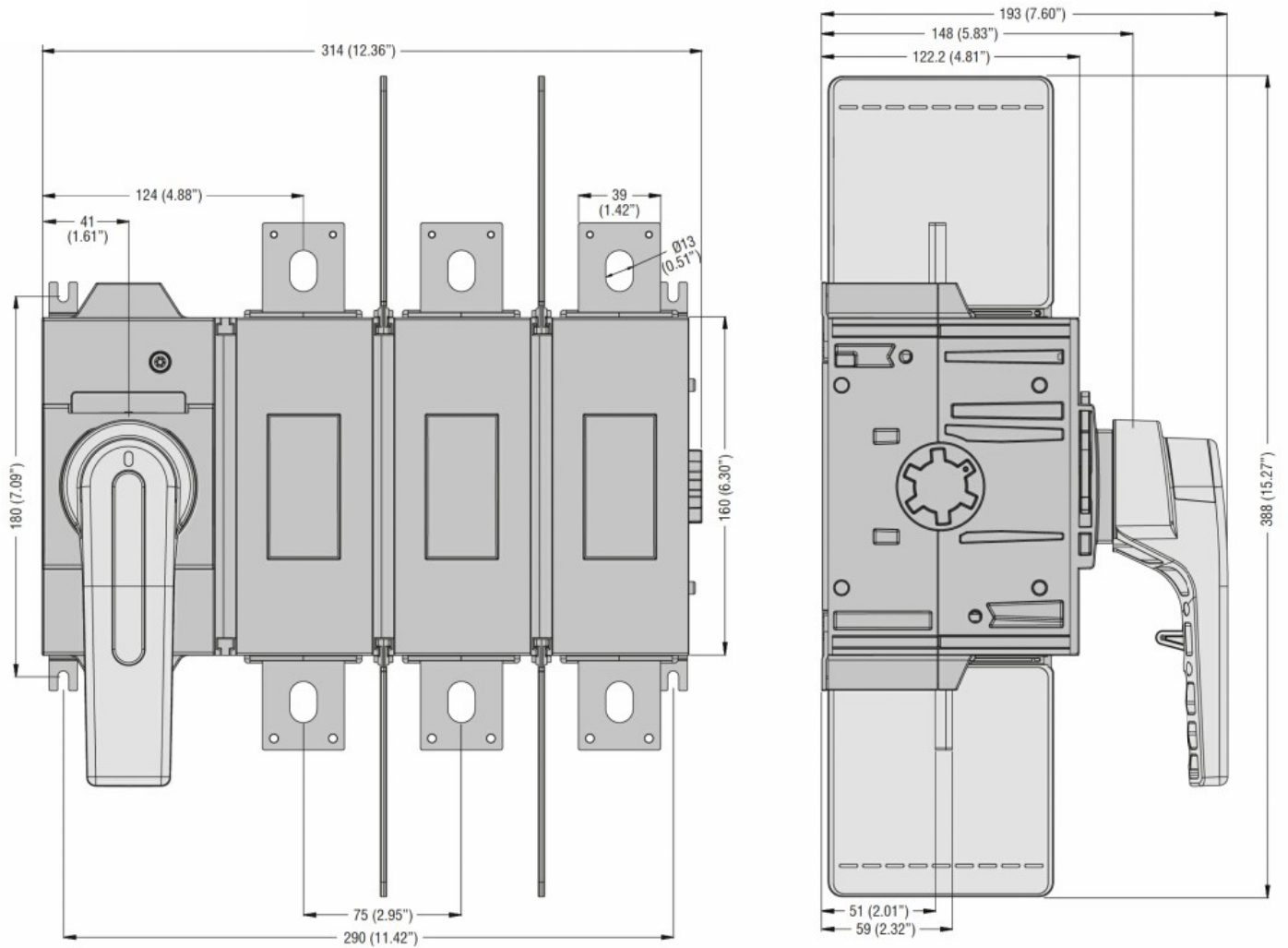
Storage temperature

min	°C	-40
max	°C	+70

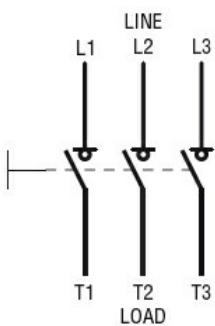
Max altitude

m	3000
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**Dimensions**



**Wiring diagrams**



Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnecter