



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			500
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	500	
	500V	A	500	
	690V	A	500	
AC22A	400V	A	500	
	500V	A	500	
	690V	A	500	
AC23A	400V	A	500	
	500V	A	500	
	690V	A	500	
Power dissipation per pole max	W			32.6
Rated operational power AC23A	400V	kW	250	
	690V	kW	500	
Rated short time current (1s) I <sub>cs</sub> (rms)	kA			12.5
Rated short time current (0.3s) I <sub>cs</sub> (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
<b>Mechanical features</b>				
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 <sup>2</sup>	1x185
IEC max	mm <sup>2</sup>	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

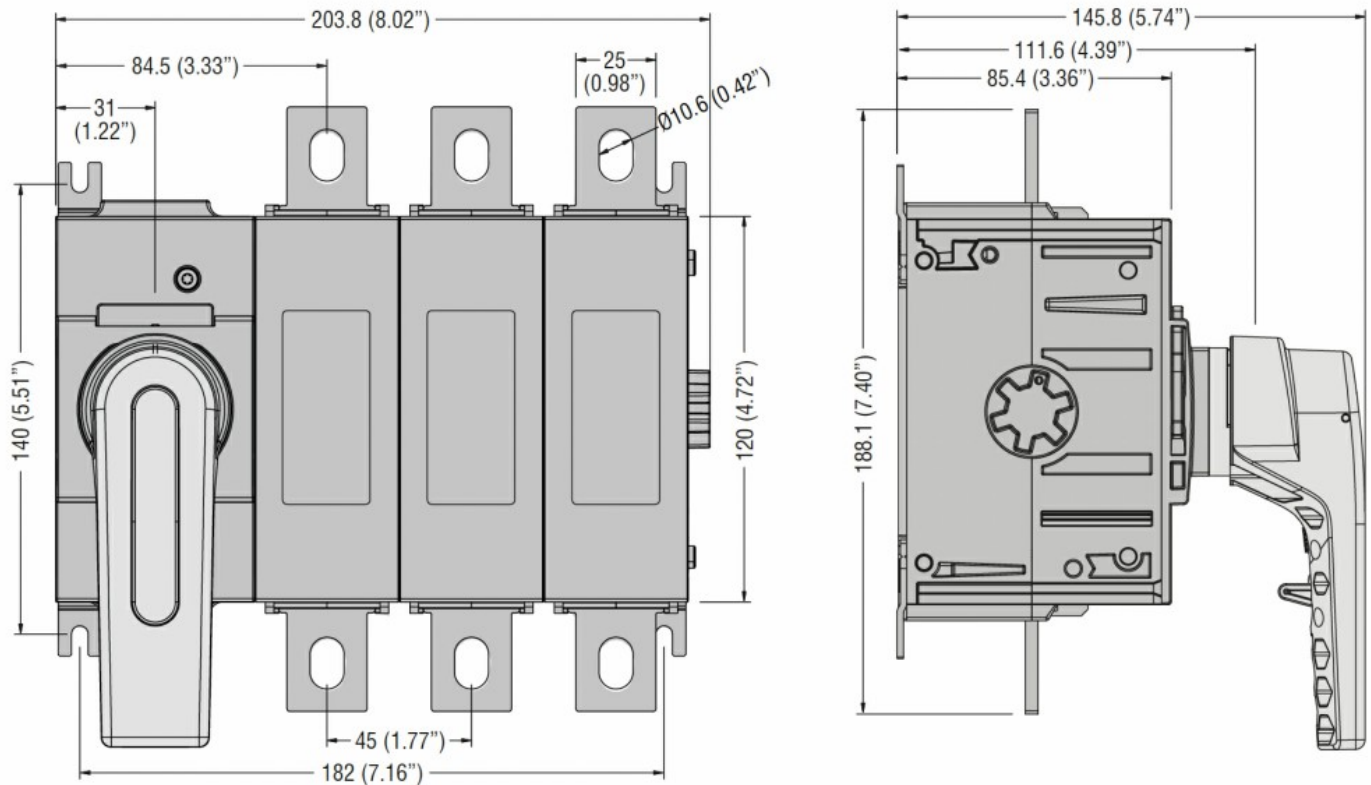
m	3000
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Resistance & Protection

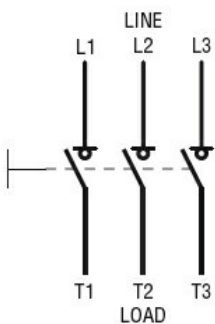
Pollution degree

3

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1  
IEC/EN 60947-3

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ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnector