



Product designation			Switch disconnecter	
Product type designation			GL	
Number of poles			Nr.	3
Operating voltage type			AC	
Contact characteristics				
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
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 <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

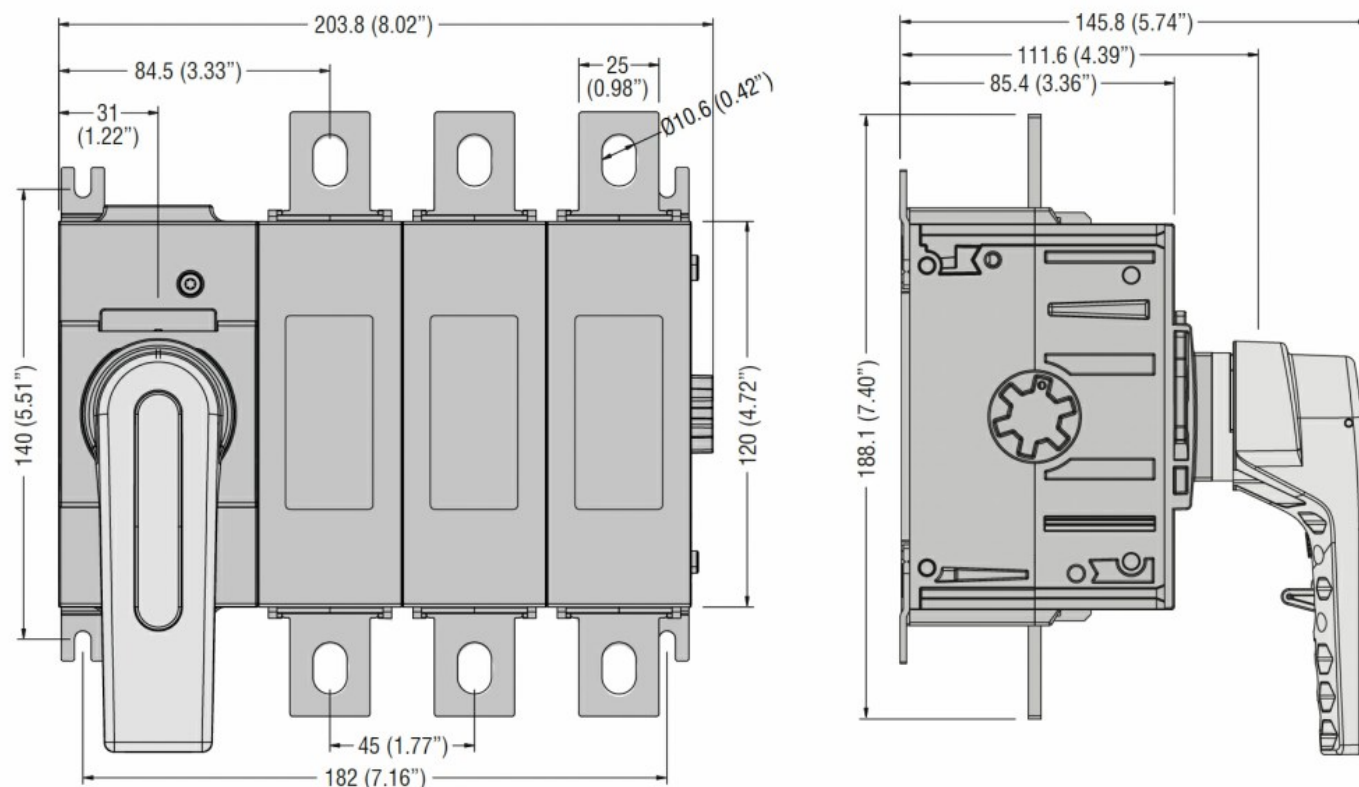
m	3000
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Resistance & Protection

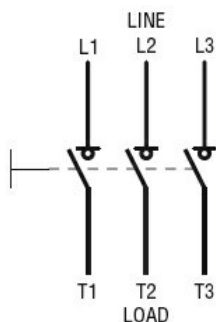
Pollution degree

3

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnecter