



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 _{th}		A		630
Rated insulation voltage U _i IEC/EN		V		1000
Rated impulse withstand voltage U _{imp}		kV		12
Operating current I _e				
	AC21A			
		400V	A	630
		500V	A	630
		690V	A	630
	AC22A			
		400V	A	630
		500V	A	500
		690V	A	500
	AC23A			
		400V	A	630
		500V	A	500
		690V	A	500
Power dissipation per pole max			W	41
Rated operational power AC23A				
		400V	kW	355
		690V	kW	500
Rated short time current (1s) I _{cs} (rms)			kA	12.5
Rated short time current (0.3s) I _{cs} (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	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 ²	1x185
IEC max	mm ²	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

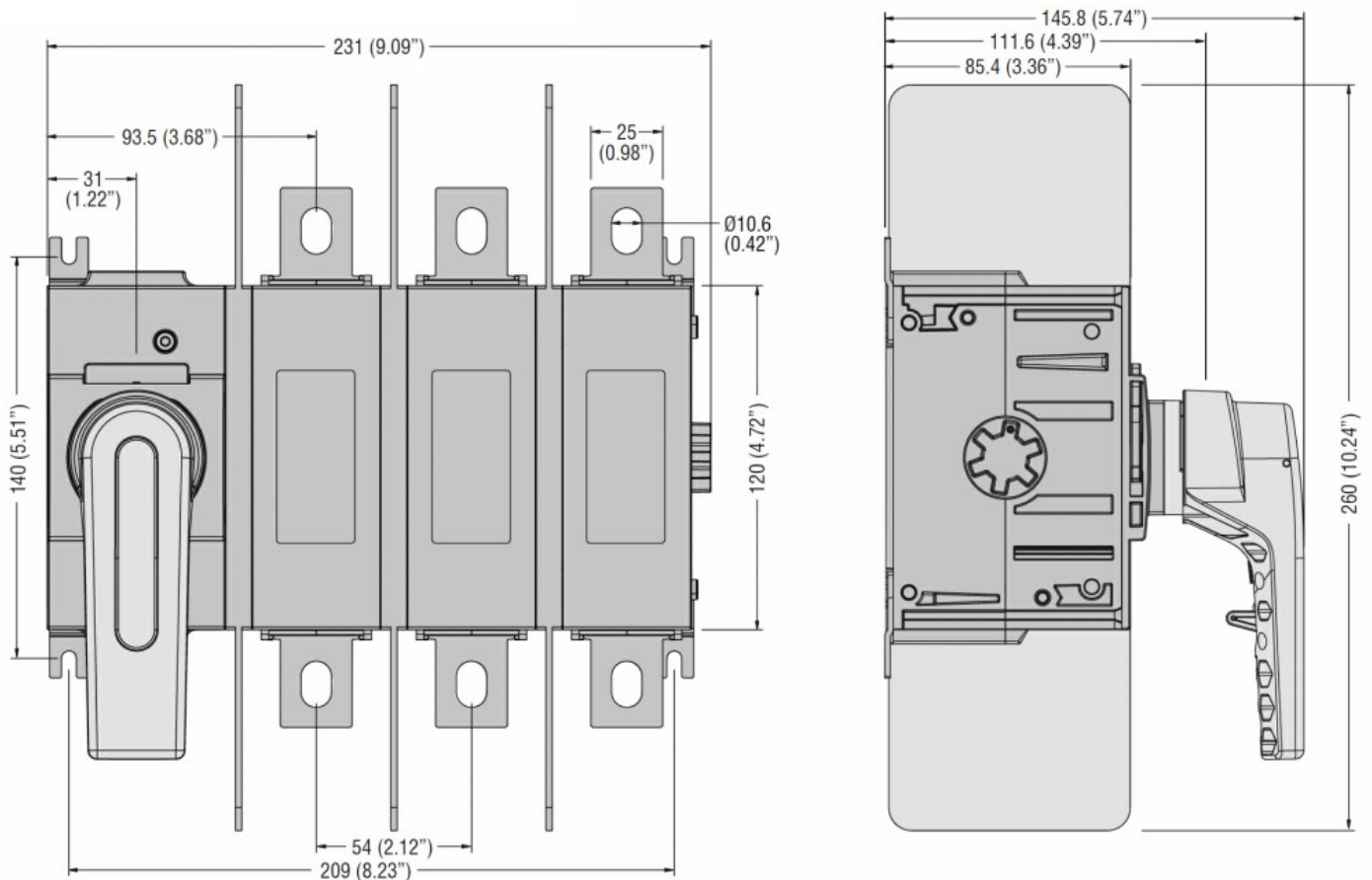
m	3000
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Resistance & Protection

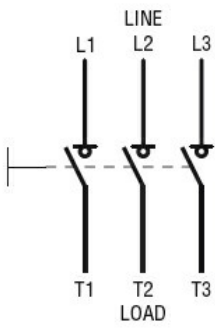
Pollution degree

3

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter