



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
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Rated insulation voltage U _i IEC/EN	V	1000
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Rated impulse withstand voltage U _{imp}	kV	12
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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
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Rated operational power AC23A

400V	kW	355
690V	kW	500

Rated short time current (1s) I _{cs} (rms)	kA	12.5
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Rated short time current (0.3s) I _{cs} (rms)	kA	20
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Conditional short-circuit current (rms)	kA	80
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Short-circuit protection with fuse	Class/A	gG/630
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Making capacity AC23A 400V	A	6300
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Breaking capacity AC23A 400V	A	5040
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Mechanical life	cycles	10000
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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

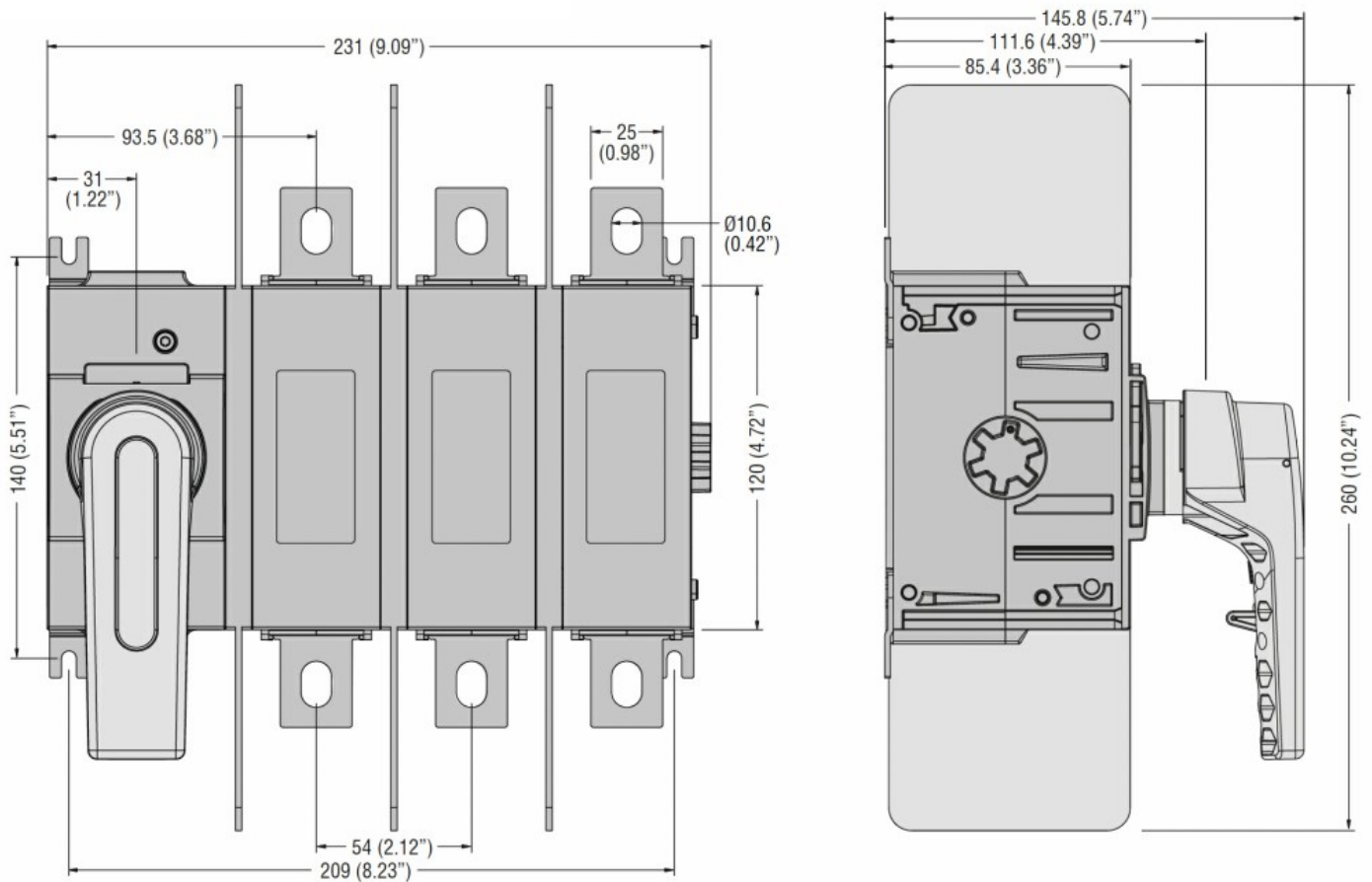
m	3000
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Resistance & Protection

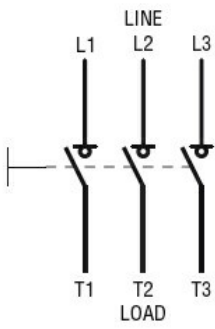
Pollution degree

3

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

ETIM classification

ETIM 8.0

EC000216 -
Switch
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