



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			160
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	160	
	500V	A	160	
	690V	A	160	
AC22A	400V	A	160	
	500V	A	160	
	690V	A	160	
AC23A	400V	A	160	
	500V	A	160	
	690V	A	160	
Power dissipation per pole max	W			3.2
Rated operational power AC23A	400V	kW	90	
	690V	kW	134	
Reactive power for control of capacitors at	400V	kvar	80	
Rated short time current (1s) I <sub>cw</sub> (rms)	kA			6
Rated short time current (0.3s) I <sub>cw</sub> (rms)	kA			12
Conditional short-circuit current (rms)	kA			100
Short-circuit protection with fuse	Class/A		gG/160	
Making capacity AC23A 400V	A			1600
Breaking capacity AC23A 400V	A			1280
Mechanical life	cycles		20000	
<b>Mechanical features</b>				
Operating position	normal allowable		Vertical plan Any	
Fixing	Screw / DIN rail 35mm			
Terminals	type		M8 x 25	
Tightening torque for terminals	min	Nm	15	

max	Nm	22
min	lbin	132
max	lbin	194

Conductor section

IEC min	mm <sup>2</sup>	70
IEC max	mm <sup>2</sup>	185
AWG/kcmil min		00
AWG/kcmil max		400

Ambient conditions

Operating temperature

min	°C	-25
max	°C	+55

Storage temperature

min	°C	-40
max	°C	+70

Max altitude

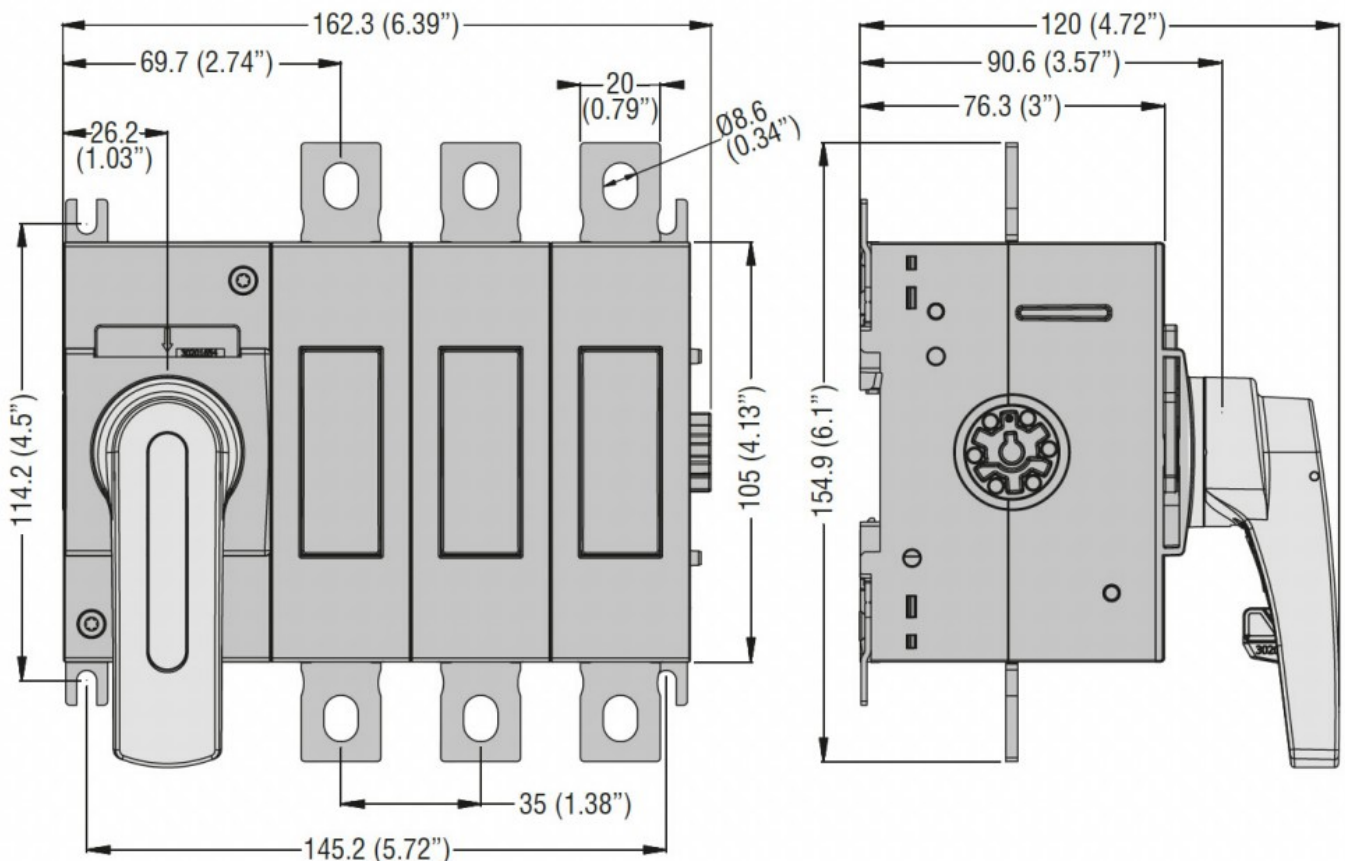
m 3000

Resistance & Protection

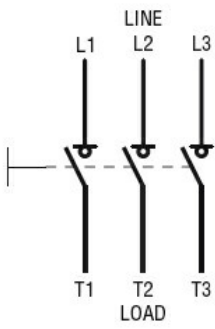
Pollution degree

3

Dimensions



Wiring diagrams



**Certifications and compliance**

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

**ETIM classification**

ETIM 8.0

EC000216 -  
Switch  
disconnecter