



Product designation			Switch disconnector	
Product type designation			GA	
Number of poles			Nr.	3
Operating voltage type			AC	
Contact characteristics				
IEC Conventional free air thermal current I _{th}			A	160
Rated insulation voltage U _i IEC/EN			V	1000
Rated impulse withstand voltage U _{imp}			kV	8
Operating current I _e				
AC21A				
			400V	A 160
			500V	A 160
			690V	A 160
AC22A				
			400V	A 160
			500V	A 125
			690V	A 125
AC23A				
			400V	A 125
			500V	A 100
			690V	A 47
Power dissipation per pole max			W	12
Rated operational power AC23A				
			400V	kW 55
			690V	kW 45
Rated short time current (1s) I _{cw} (rms)			kA	2.5
Conditional short-circuit current (rms)			kA	50
Short-circuit protection with fuse			Class/A	gG160
Making capacity AC23A 400V			A	1250
Breaking capacity AC23A 400V			A	1000
Mechanical life			cycles	30000
Electrical life AC21A			cycles	1500 (AC23A 400V)
Mechanical features				
Operating position			normal allowable	Vertical plan Any
Fixing			Screw / DIN rail 35mm	
Terminals				
			type	Pillar
			width	mm 12.4
			height	mm 10.4
			screw	M8
			tool	Metric Allen key 4

Tightening torque for terminals

min	Nm	5
max	Nm	6
min	lbin	45
max	lbin	54

Conductor section

IEC min	mm ²	4
IEC max	mm ²	70
AWG/kcmil min		12
AWG/kcmil max		1

UL technical data

UL Standard	UL98
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Minimum enclosure dimensions at rated current

mm	mm	150x140x110
in	in	5.9 x 5.5 x 4.3

Ambient conditions

Operating temperature

min	°C	-25
max	°C	+55

Storage temperature

min	°C	-40
max	°C	+70

Max altitude

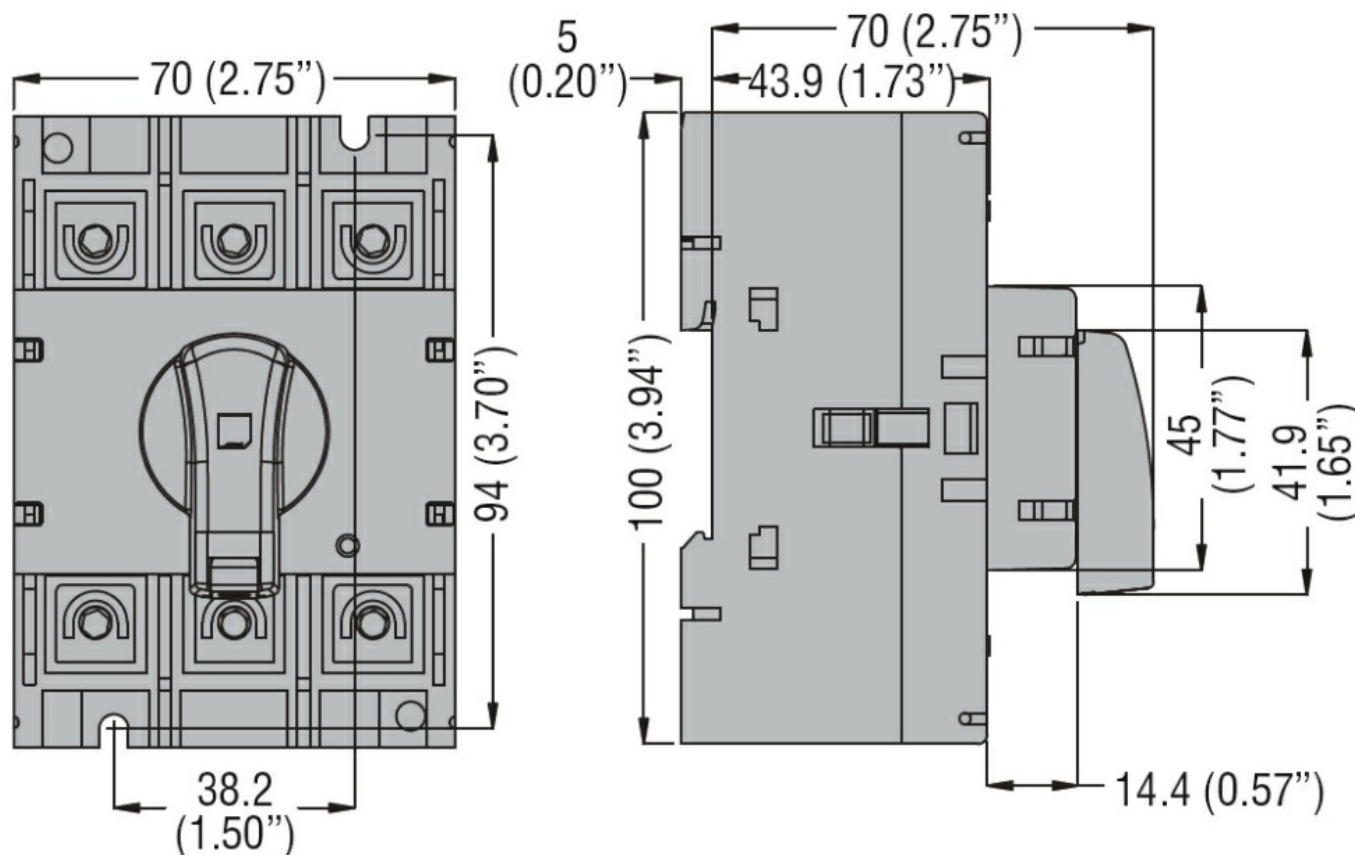
m	3000
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Resistance & Protection

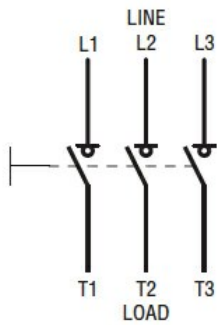
Frontal IP degree	IP20
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Pollution degree	3
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Dimensions



Wiring diagrams



Certifications and compliance

Compliance	IEC/EN 60947-1
	IEC/EN 60947-3
Certifications	CCC
	EAC

ETIM classification

ETIM 8.0	EC000216 - Switch disconnector
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