



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 _{cs} (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
	m	3000

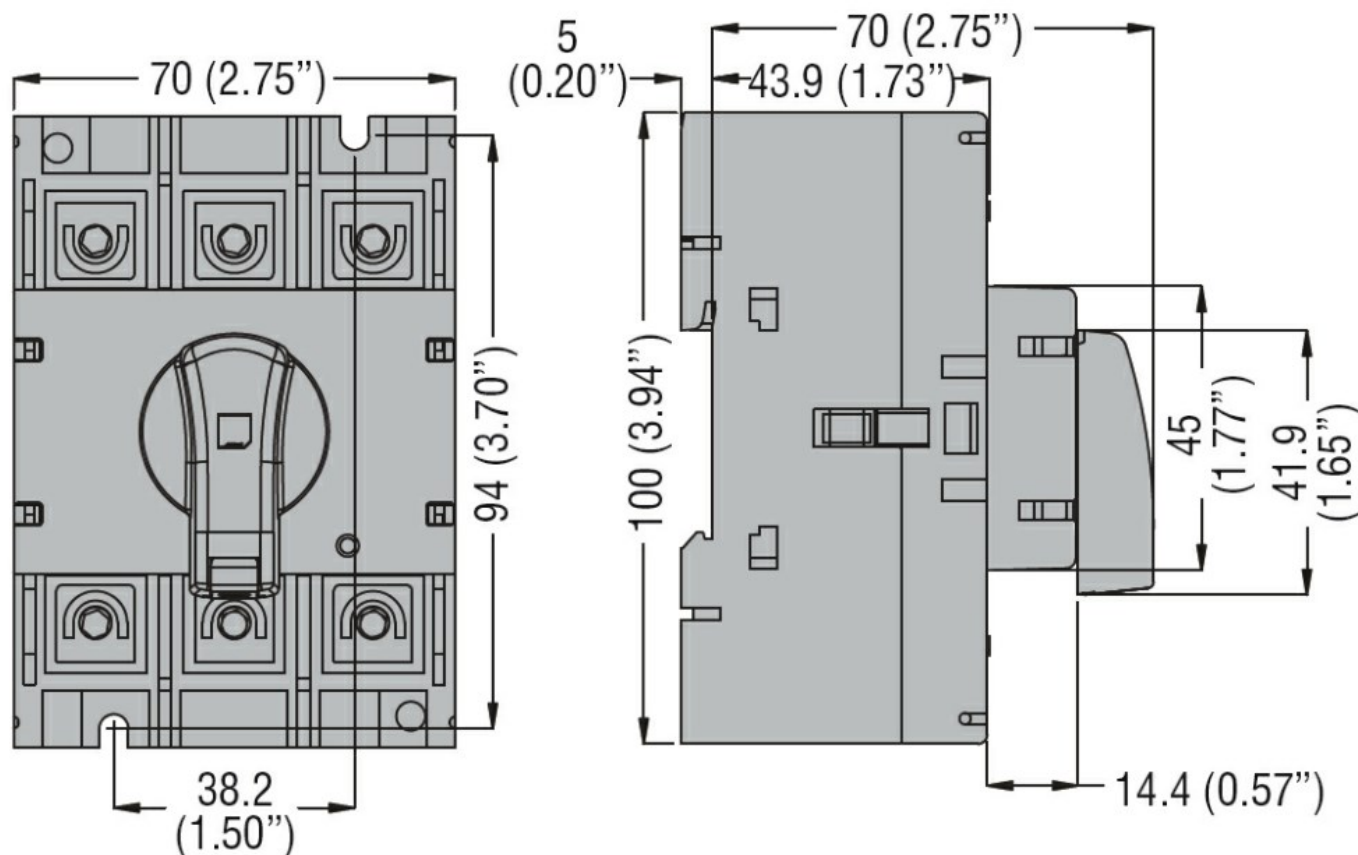
Max altitude

Resistance & Protection

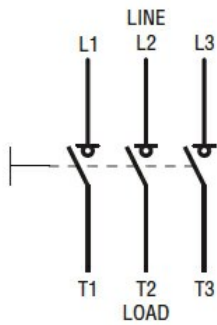
Frontal IP degree	IP20
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Pollution degree	3
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Dimensions



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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