



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	100
Rated insulation voltage U _i IEC/EN			V	1000
Rated impulse withstand voltage U _{imp}			kV	8
Operating current I _e				
AC21A				
			400V	A 100
			500V	A 100
			690V	A 100
AC22A				
			400V	A 100
			500V	A 100
			690V	A 100
AC23A				
			400V	A 100
			500V	A 80
			690V	A 47
Power dissipation per pole max			W	4
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	gG100
Making capacity AC23A 400V			A	1250
Breaking capacity AC23A 400V			A	1000
Mechanical life			cycles	30000
Electrical life AC21A			cycles	30000
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

General purpose current rating A 100

Operating voltage max V 600

Horsepower/FLA current three phase motor

240V	HP	30/80
480V	HP	50/65
600V	HP	50/52

Short circuit rating kA rms 50 (600V) / 100 (480V)

Short circuit rating with fuse Class/A J/100A / CC-J-T/max. 200A

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

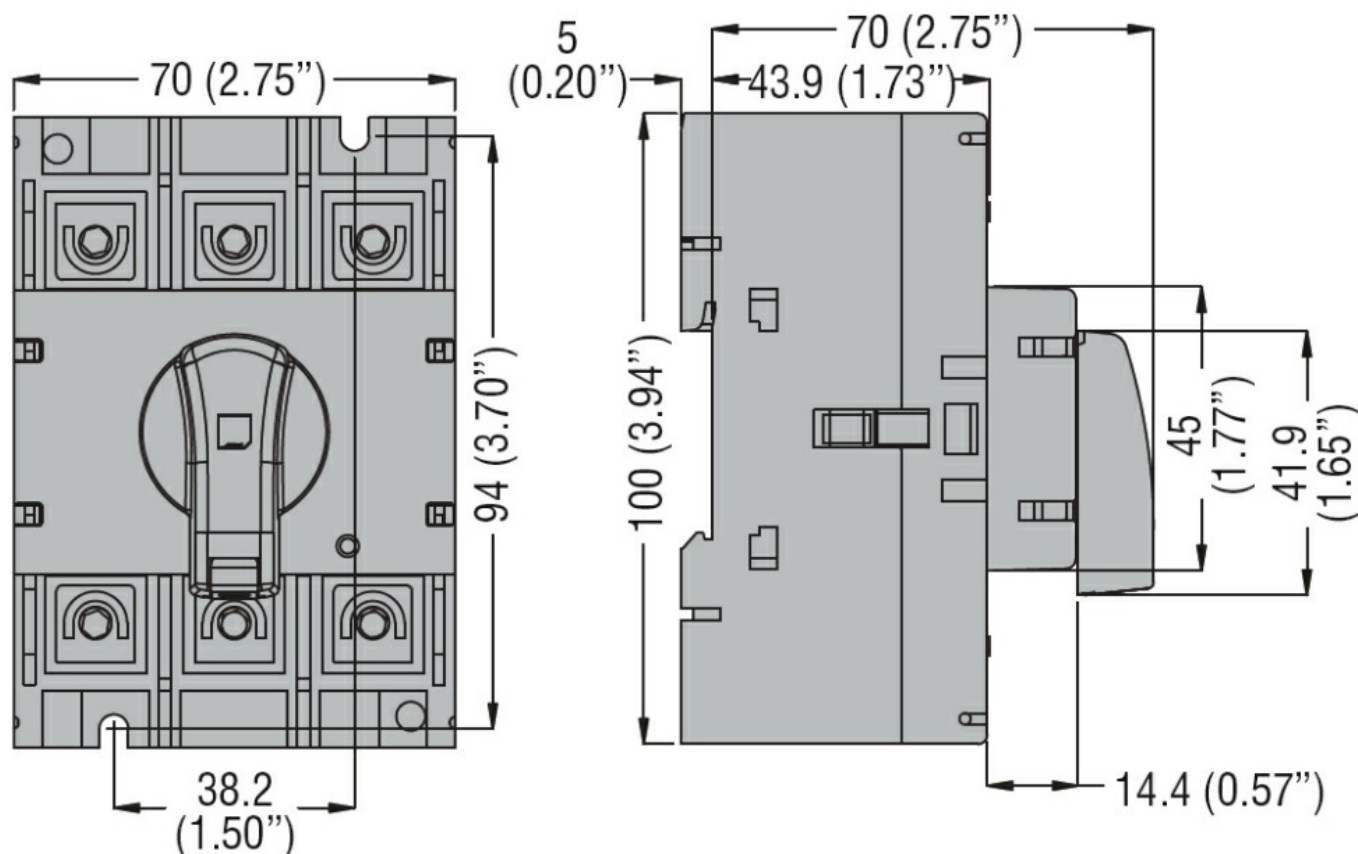
Max altitude m 3000

Resistance & Protection

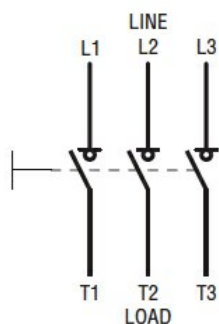
Frontal IP degree IP20

Pollution degree 3

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n°4
IEC/EN 60947-1
IEC/EN 60947-3
UL98

Certifications

CCC
CSA C22.2 n°4
cULus according to UL98
EAC

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter