



Product designation				Switch disconnecter
Product type designation				GA
Number of poles	Nr.			3
Operating voltage type				AC
<b>Contact characteristics</b>				
IEC Conventional free air thermal current I <sub>th</sub>	A			100
Rated insulation voltage U <sub>i</sub> IEC/EN	V			1000
Rated impulse withstand voltage U <sub>imp</sub>	kV			8
Operating current I <sub>e</sub>				
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
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
<b>Mechanical features</b>				
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	Ibin	45
max	Ibin	54

Conductor section

IEC min	mm <sup>2</sup>	4
IEC max	mm <sup>2</sup>	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

Short circuit rating with fuse Class/A J/100

Ambient conditions

Operating temperature

min	°C	-25
max	°C	55

Storage temperature

min	°C	-40
max	°C	70

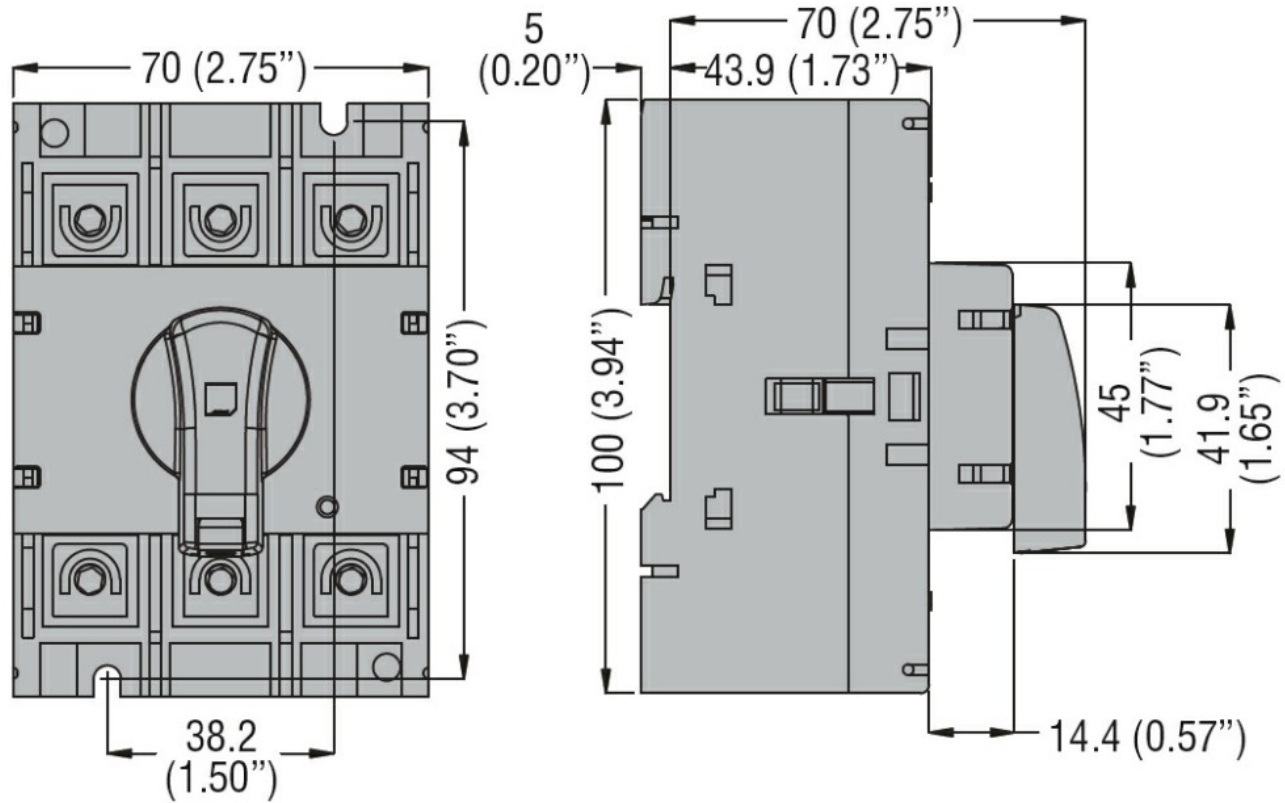
Max altitude m 3000

Resistance & Protection

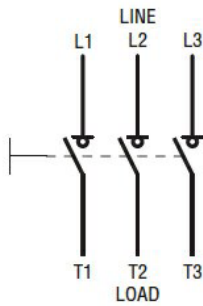
Frontal IP degree IP20

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  
disconnector