



Product designation				Switch disconnector
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			63
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	63	
	500V	A	63	
	690V	A	63	
AC22A	400V	A	63	
	500V	A	63	
	690V	A	63	
AC23A	400V	A	63	
	500V	A	63	
	690V	A	63	
Power dissipation per pole max	W			1.6
Rated operational power AC23A	400V	kW	30	
	690V	kW	45	
Rated short time current (1s) I <sub>cw</sub> (rms)	kA			2.5
Conditional short-circuit current (rms)	kA			50
Short-circuit protection with fuse	Class/A			gG63
Making capacity AC23A 400V	A			630
Breaking capacity AC23A 400V	A			504
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	lbin	45
max	lbin	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

Weight

g	388
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**UL technical data**

UL Standard

UL98

General purpose current rating

A	60
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Operating voltage max

V	600
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Horsepower/FLA current three phase motor

240V	HP	20/54
480V	HP	40/52
600V	HP	40/41

Short circuit rating

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

Class/A	J/60A / CC-J-T/max. 200A
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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**

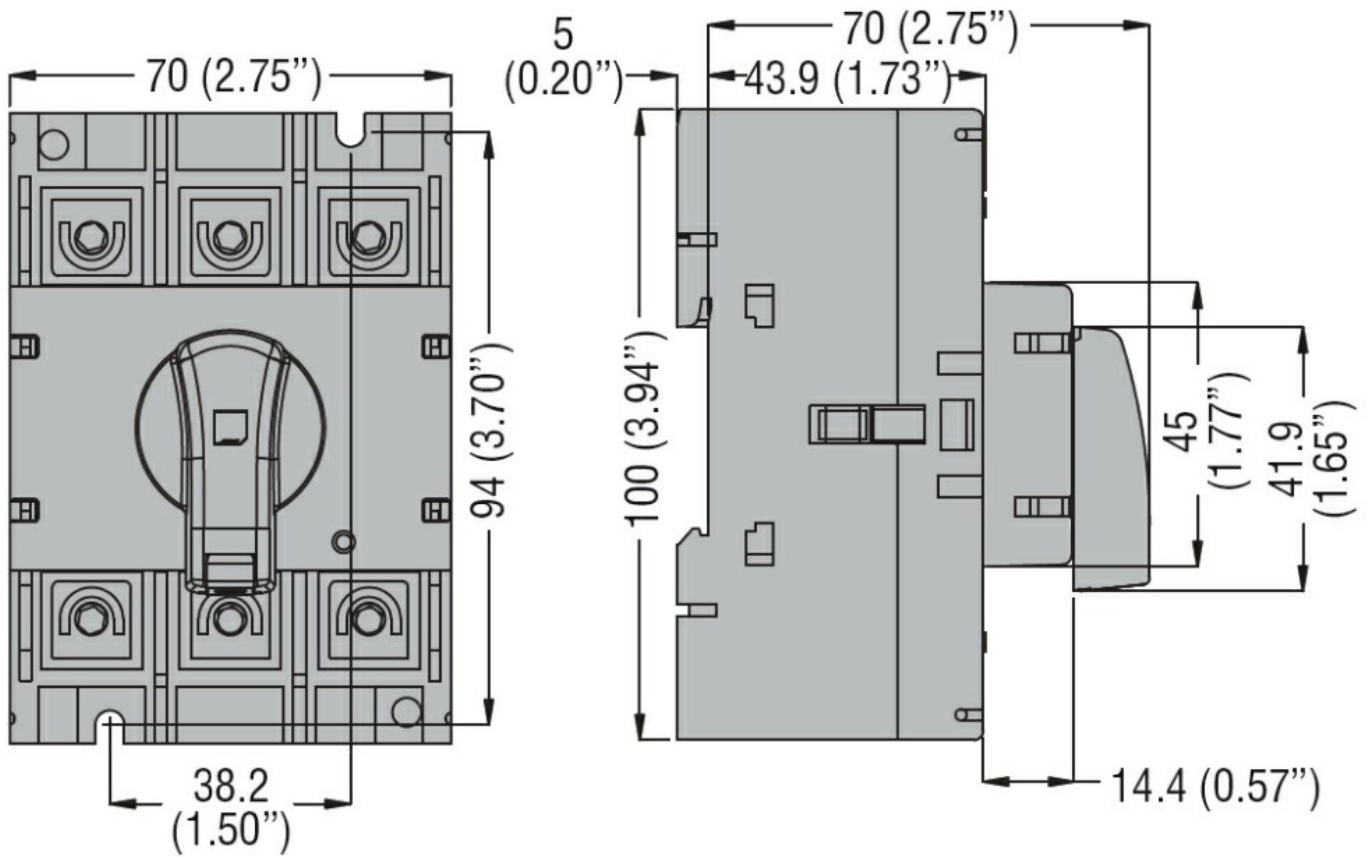
Frontal IP degree

IP20

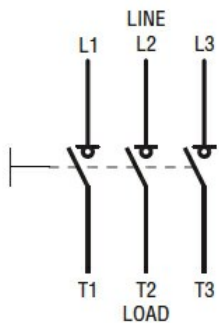
Pollution degree

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