



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
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		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 (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

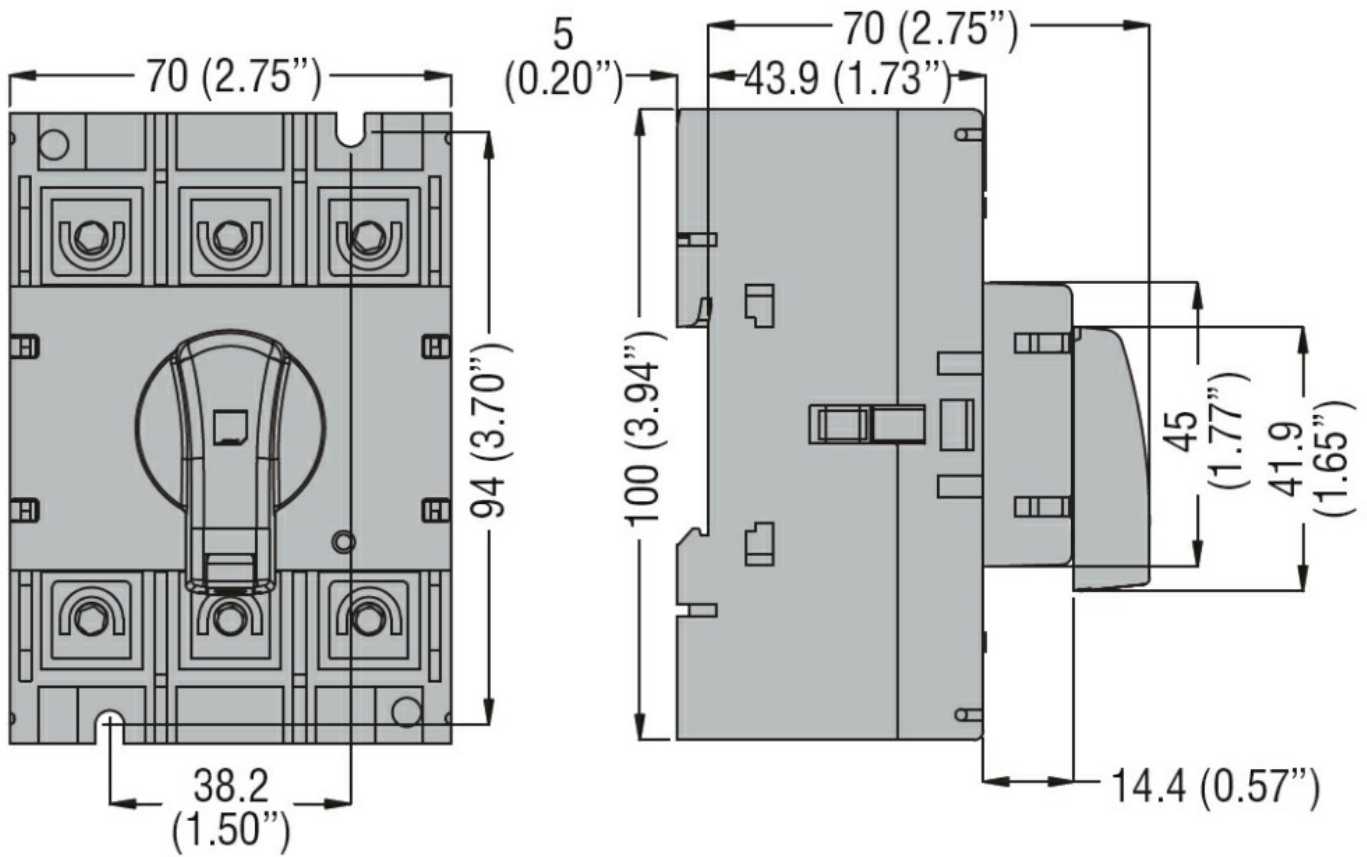
m 3000

Resistance & Protection

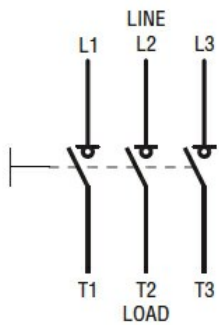
Frontal IP degree IP20

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