



Product designation				Switch disconnecter
Product type designation				GA
Number of poles				Nr. 3
Operating voltage type				AC
Contact characteristics				
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>cs</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
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 <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
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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

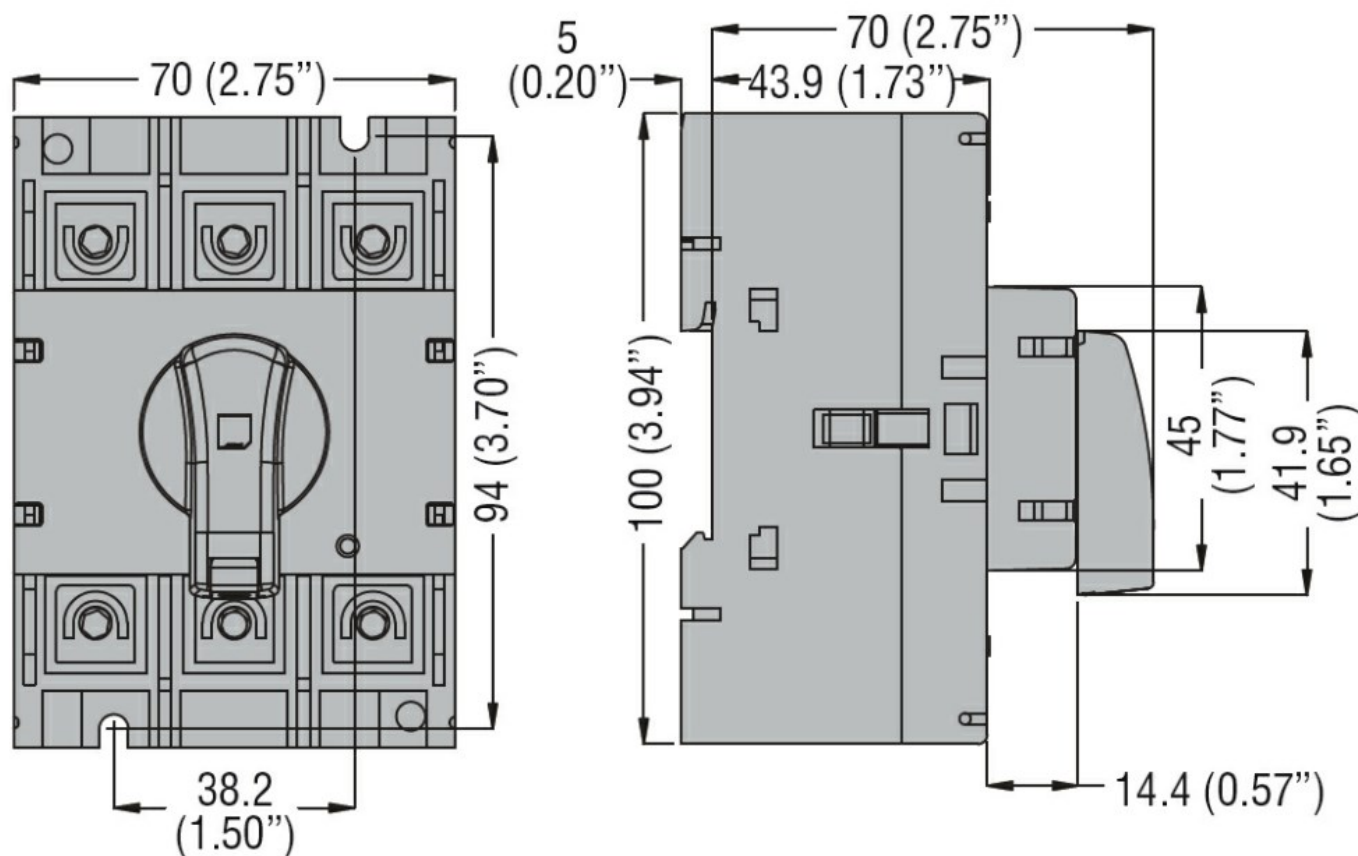
Max altitude	m	3000
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## Resistance &amp; Protection

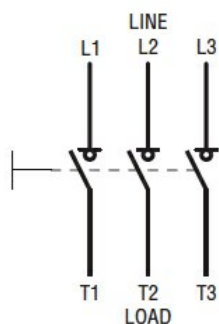
Frontal IP degree	IP20
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Pollution degree	3
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## Dimensions



#### 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