



Product designation	Switch disconnecter		
Product type designation	GA		
Number of poles	nr.	3	
Operating voltage type		AC	
Electrical features			
Conventional free air thermal current I _{th} IEC/EN	A	100	
Rated insulation voltage U _i IEC/EN	V	1000	
Rated impulse withstand voltage U _{imp}	kV	8	
Operational current I _e			
	Operating current I _e AC21A 400V	A	100
	Operating current I _e AC21A 500V	A	100
	Operating current I _e AC21A 690V	A	100
	Operating current I _e AC22A 400V	A	100
	Operating current I _e AC22A 500V	A	100
	Operating current I _e AC22A 690V	A	100
	Operating current I _e AC23A 400V	A	100
	Operating current I _e AC23A 500V	A	80
	Operating current I _e AC23A 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 _{cw} (rms)	kA	2500	
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	
Operations			
Mechanical life	Cycles	30000	
Electrical life AC21A	Cycles	30000	
Ambient conditions			
Operating temperature			
	min	°C	-25
	max	°C	55
Storage temperature			
	min	°C	-40
	max	°C	70
Max altitude	m	3000	
Mechanical features			
Operational position			
	Operating position normal	Vertical plan	
	Operating position allowable	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	3.75
max	lbin	4.5

Conductor section

Cable min (IEC)	mm ²	4
Cable max (IEC)	mm ²	70
min (AWG/kcmil)		12
max (AWG/kcmil)		1

Frontal IP degree

IP20

Pollution degree

3

UL technical data

Compliance

UL98 / CSA
C22.2 n°4

General purpose current rating

A 100

Operating voltage max

V 600

Horsepower/FLA current three phase motor

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

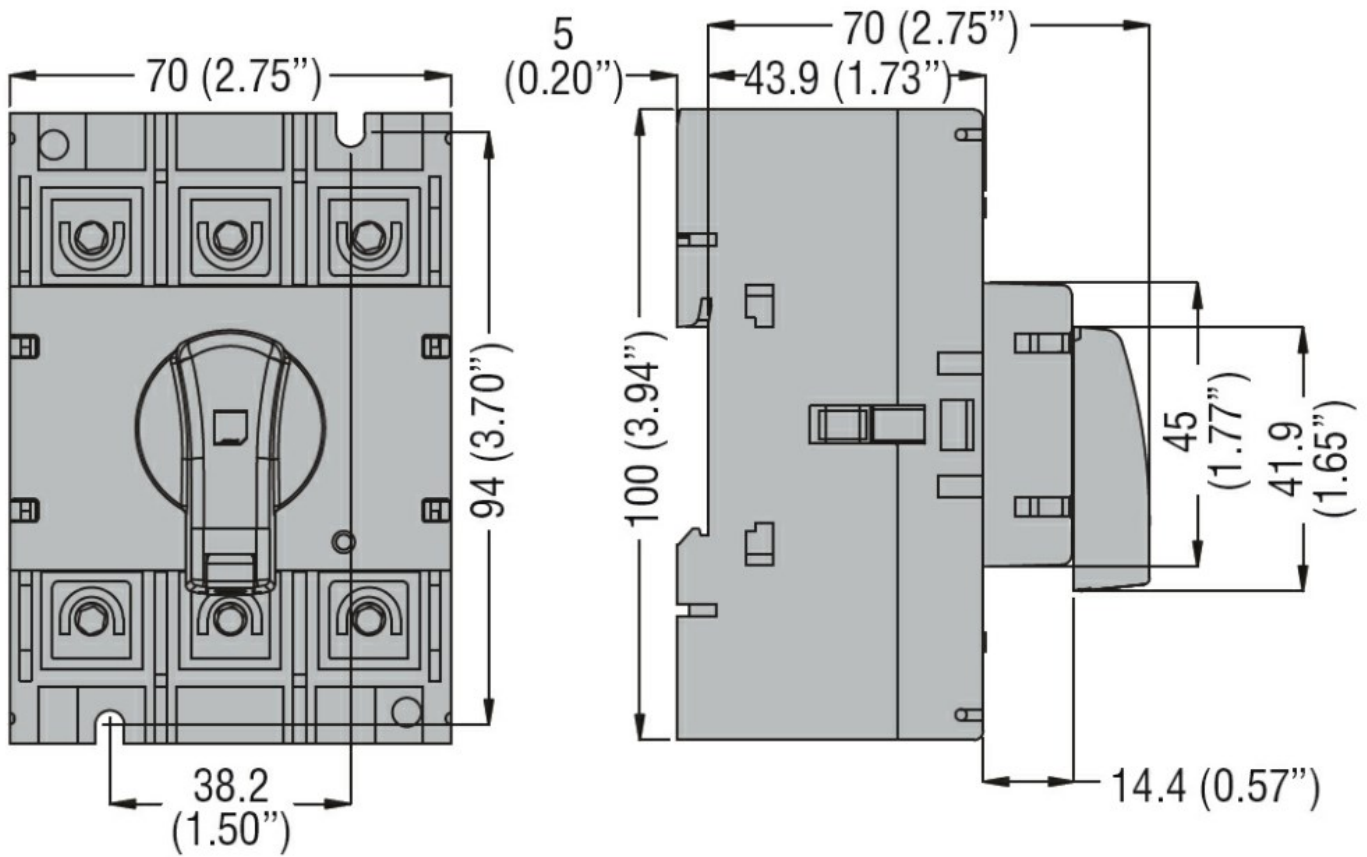
Short circuit rating

kA rms 50

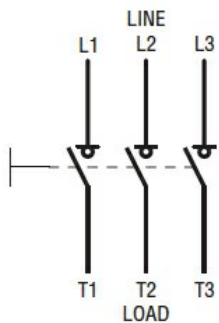
Short circuit rating with fuse

Class/A J/100

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 secondo UL98
- EAC