



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 _{th}		A		80
Rated insulation voltage U _i IEC/EN		V		1000
Rated impulse withstand voltage U _{imp}		kV		8
Operating current I _e				
	AC21A			
		400V	A	80
		500V	A	80
		690V	A	80
	AC22A			
		400V	A	80
		500V	A	80
		690V	A	80
	AC23A			
		400V	A	80
		500V	A	63
		690V	A	47
Power dissipation per pole max			W	2.6
Rated operational power AC23A				
		400V	kW	45
		690V	kW	45
Rated short time current (1s) I _{cw} (rms)			kA	2.5
Conditional short-circuit current (rms)			kA	50
Short-circuit protection with fuse		Class/A		gG80
Making capacity AC23A 400V		A		1250
Breaking capacity AC23A 400V		A		1000
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 ²	4
IEC max	mm ²	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	25/68
480V	HP	40/52
600V	HP	40/41

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

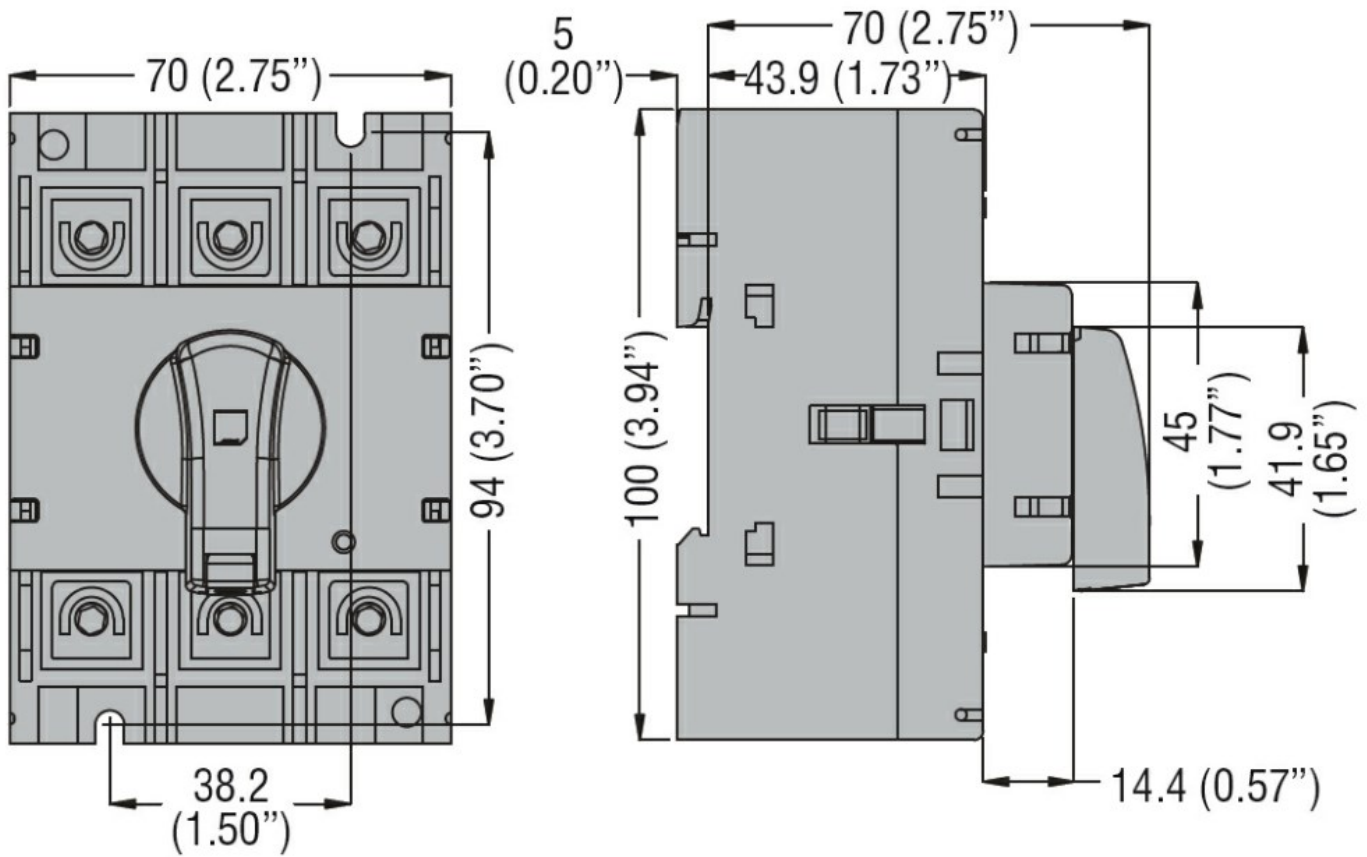
m 3000

Resistance & Protection

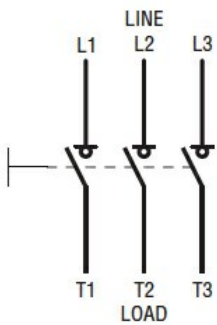
Frontal IP degree IP20

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