



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			100
Rated insulation voltage U _i IEC/EN	V			1000
Rated impulse withstand voltage U _{imp}	kV			8
Operating current I _e				
AC21A				
	400V	A	30000	
	500V	A	30000	
	690V	A	30000	
AC22A				
	400V	A	30000	
	500V	A	30000	
	690V	A	30000	
AC23A				
	400V	A	30000	
	500V	A	30000	
	690V	A	30000	
Power dissipation per pole max	W			4
Rated operational power AC23A				
	400V	kW	30000	
	690V	kW	30000	
Rated short time current (1s) I _{cw} (rms)	kA			2.5
Conditional short-circuit current (rms)	kA			30000
Short-circuit protection with fuse	Class/A			30000
Making capacity AC23A 400V	A			1250
Breaking capacity AC23A 400V	A			1000
Mechanical life	cycles			Screw / DIN rail 35mm
Electrical life AC21A	cycles			30000
Mechanical features				
Operating position	normal			+70
	allowable			+70
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 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	IEC/EN UL98 CSA C22.2 n°4
Operating voltage max		V	IEC/EN UL98 CSA C22.2 n°4
Horsepower/FLA current three phase motor			
	240V	HP	IEC/EN UL98 CSA C22.2 n°4
	480V	HP	IEC/EN UL98 CSA C22.2 n°4
	600V	HP	IEC/EN UL98 CSA C22.2 n°4
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

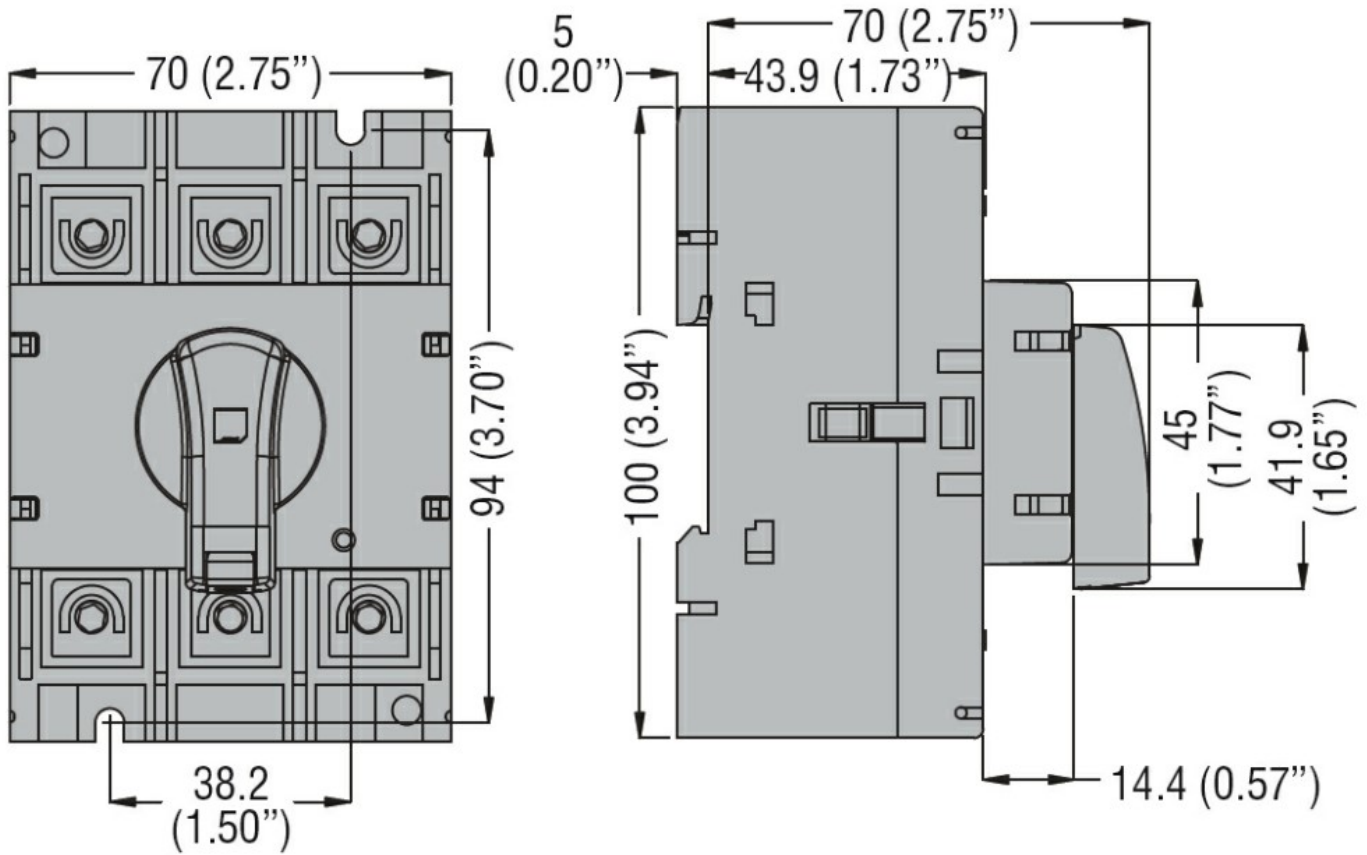
Ambient conditions

Operating temperature			
	min	°C	54
	max	°C	+55
Storage temperature			
	min	°C	+55
	max	°C	+70
Max altitude		m	+70

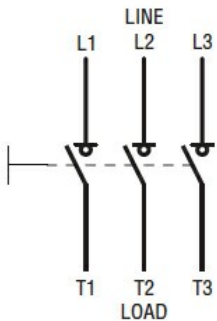
Resistance & Protection

Frontal IP degree		IP20
Pollution degree		Screw / DIN rail 35mm

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