



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	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 _{cw} (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
Mechanical features				
Operating position	normal allowable			Vertical plan Any
Fixing				By screw on the door
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	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

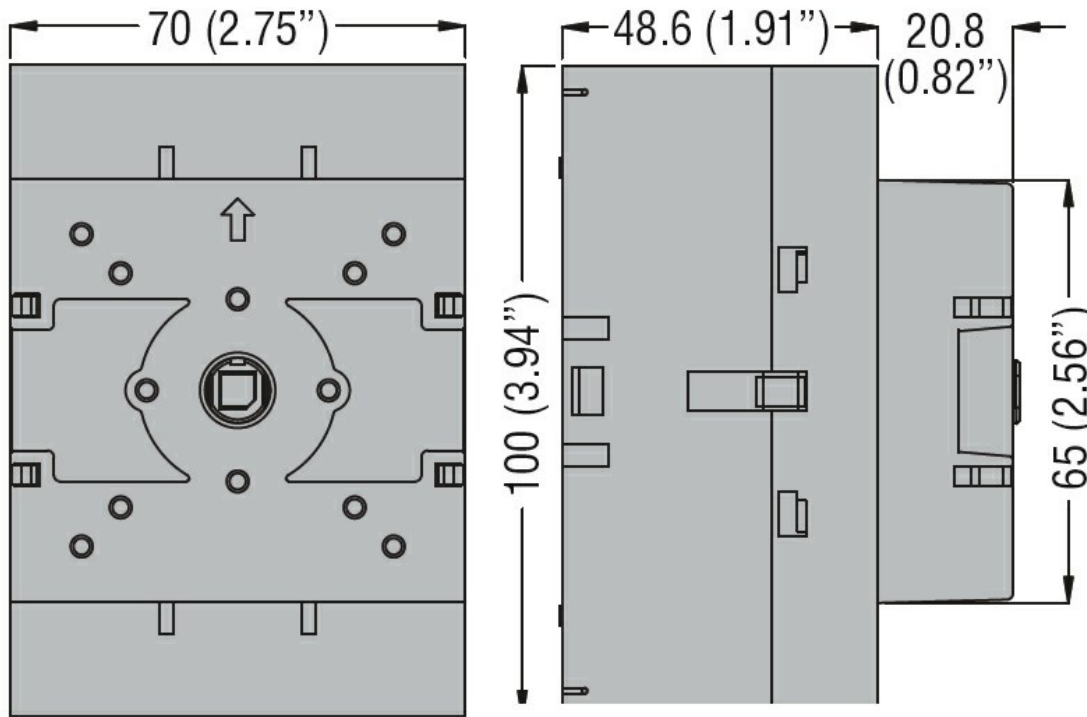
Ambient conditions

Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Max altitude		m	3000

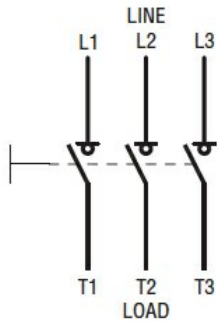
Resistance & Protection

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