



Product designation				Switch disconnecter
Product type designation				GA
Number of poles	Nr.			3
Operating voltage type				AC
<b>Contact characteristics</b>				
IEC Conventional free air thermal current I <sub>th</sub>	A			100
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	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 <sub>cw</sub> (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
<b>Mechanical features</b>				
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 <sup>2</sup>	4
IEC max	mm <sup>2</sup>	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

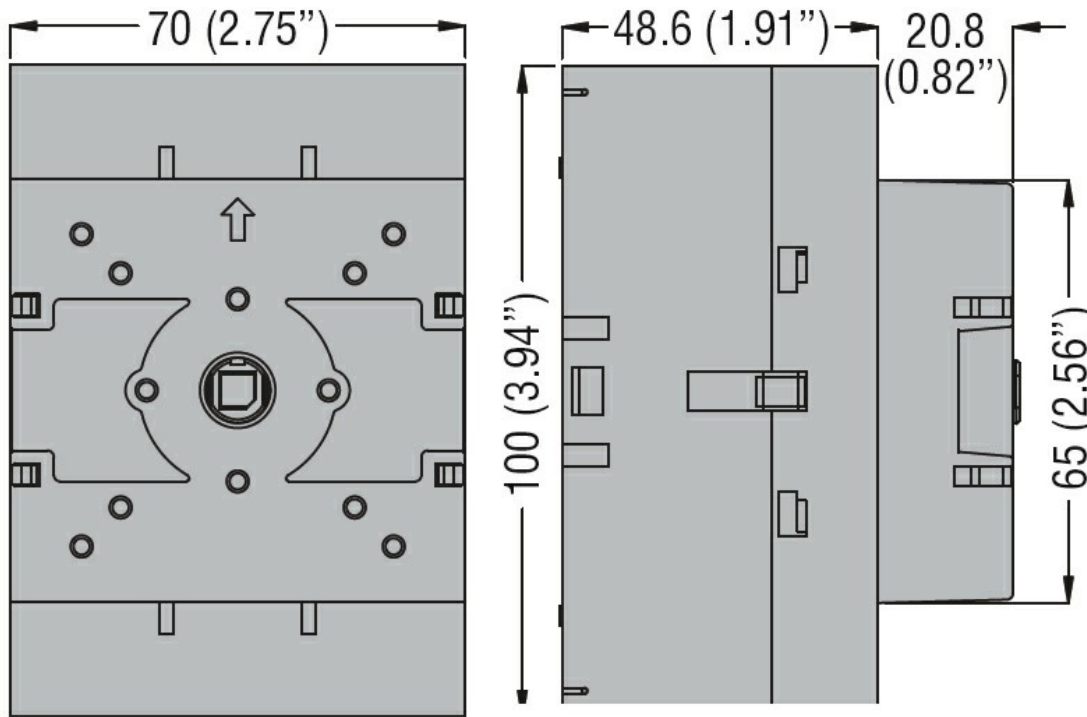
Ambient conditions

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

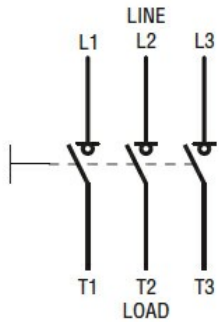
Resistance & Protection

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