



Product designation				Switch disconnector
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		40
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		40
	500V	A		40
	690V	A		40
AC22A				
	400V	A		40
	500V	A		40
	690V	A		40
AC23A				
	400V	A		40
	500V	A		25
	690V	A		25
Power dissipation per pole max		W		1
Rated operational power AC23A				
	400V	kW		18.5
	690V	kW		22
Rated short time current (1s) I <sub>cw</sub> (rms)		kA		0.8
Conditional short-circuit current (rms)		kA		10
Short-circuit protection with fuse		Class/A		gG40
Making capacity AC23A 400V		A		400
Breaking capacity AC23A 400V		A		320
Mechanical life		cycles		100000
Electrical life AC21A		cycles		100000
<b>Mechanical features</b>				
Operating position		normal allowable		Vertical plan Any
Fixing				Screw / DIN rail 35mm
Terminals				
	type			Pillar
	width	mm		5.6
	height	mm		6.5
	screw			M4
	tool			Phillips 2

Tightening torque for terminals

min	Nm	1.8
max	Nm	2
min	lbin	16
max	lbin	18

Conductor section

IEC min	mm <sup>2</sup>	0.75
IEC max	mm <sup>2</sup>	16
AWG/kcmil min		18
AWG/kcmil max		6

**UL technical data**

UL Standard UL60947-4-1

General purpose current rating A 40

Operating voltage max V 600

Horsepower/FLA current three phase motor

240V	HP	15/42
480V	HP	20/27
600V	HP	25/27

Short circuit rating kA rms 5

Short circuit rating with fuse Class/A RK5/45

**Ambient conditions**

Operating temperature

min	°C	-25
max	°C	55

Storage temperature

min	°C	-40
max	°C	70

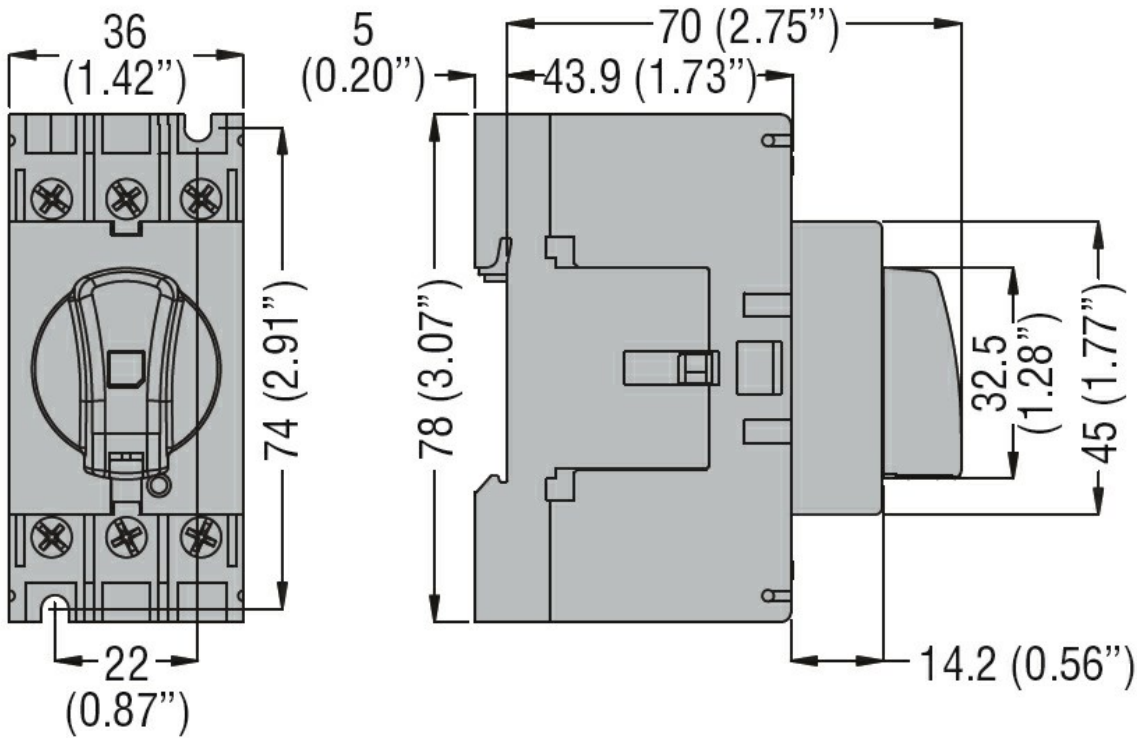
Max altitude m 3000

**Resistance & Protection**

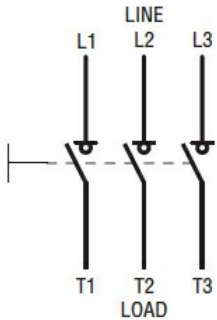
Frontal IP degree IP20

Pollution degree 3

**Dimensions**



Wiring diagrams



Certifications and compliance

Compliance

- CSA C22.2 n°60947-4-1
- IEC/EN 60947-1
- IEC/EN 60947-3
- UL60947-4-1

Certifications

- CCC
- CSA C22.2 n°60947-4-1
- cULus according to UL60947-4-1
- EAC
- KEMA

ETIM classification

ETIM 8.0

EC000216 -  
 Switch  
 disconnecter