



Product designation				Switch disconnecter
Product type designation				GA
Number of poles		nr.	3	
Operating voltage type			AC	
<b>Contact characteristics</b>				
Conventional free air thermal current I <sub>th</sub> IEC/EN		A	16	
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	16
		500V	A	16
		690V	A	16
	AC22A			
		400V	A	16
		500V	A	16
		690V	A	16
	AC23A			
		400V	A	16
		500V	A	16
		690V	A	16
Power dissipation per pole max			W	0.2
Rated operational power AC23A				
		400V	kW	7.5
		690V	kW	11
Rated short time current (1s) I <sub>cw</sub> (rms)			kA	800
Conditional short-circuit current (rms)			kA	50
Short-circuit protection with fuse			Class/A	gG16
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	1.3
max	lbin	1.5

Conductor section

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

UL technical data

General purpose current rating	A	16
Operating voltage max	V	600
Horsepower/FLA current three phase motor		

240V	5/15.2
480V	10/14
600V	10-Nov

Short circuit rating	kA rms	5
Short circuit rating with fuse	Class/A	RK5/30

Ambient conditions

Operating temperature

min	°C	-25
max	°C	55

Storage temperature

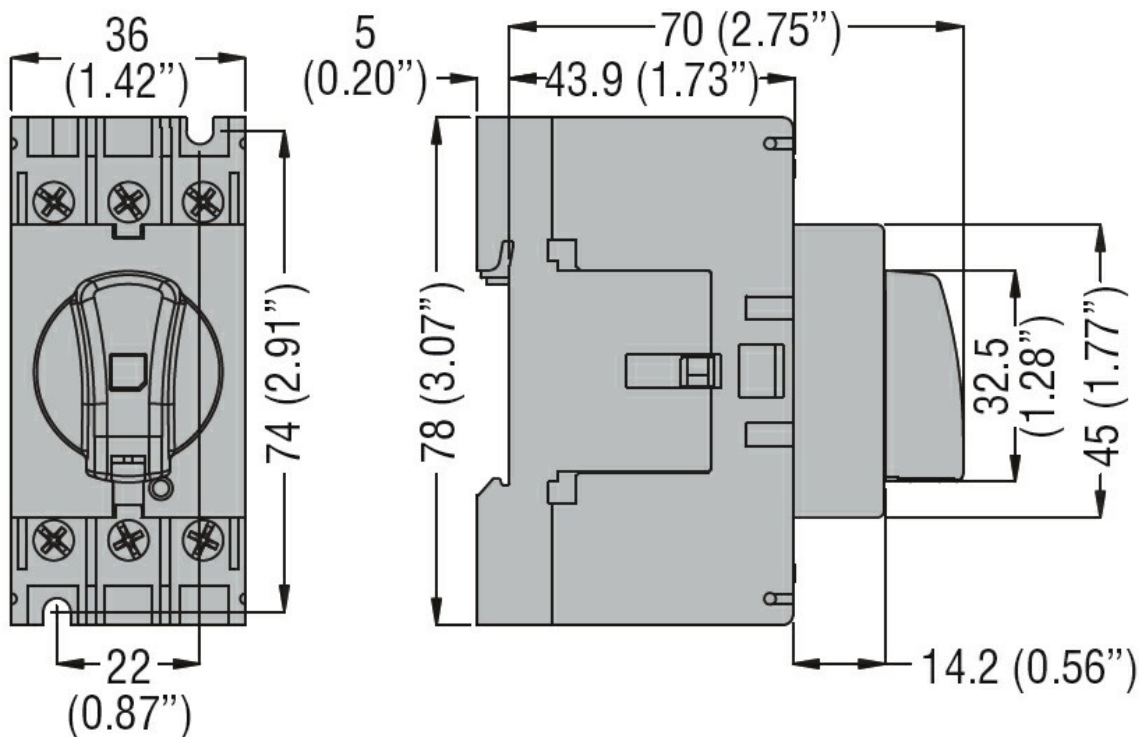
min	°C	-40
max	°C	70

Max altitude	m	3000
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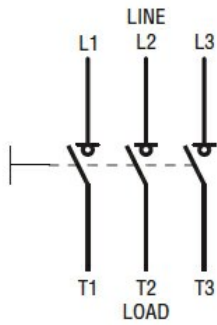
Resistance & Protection

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

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EAC

KEMA

### ETIM 6 classification

EC000066 - Power contactor, AC switching