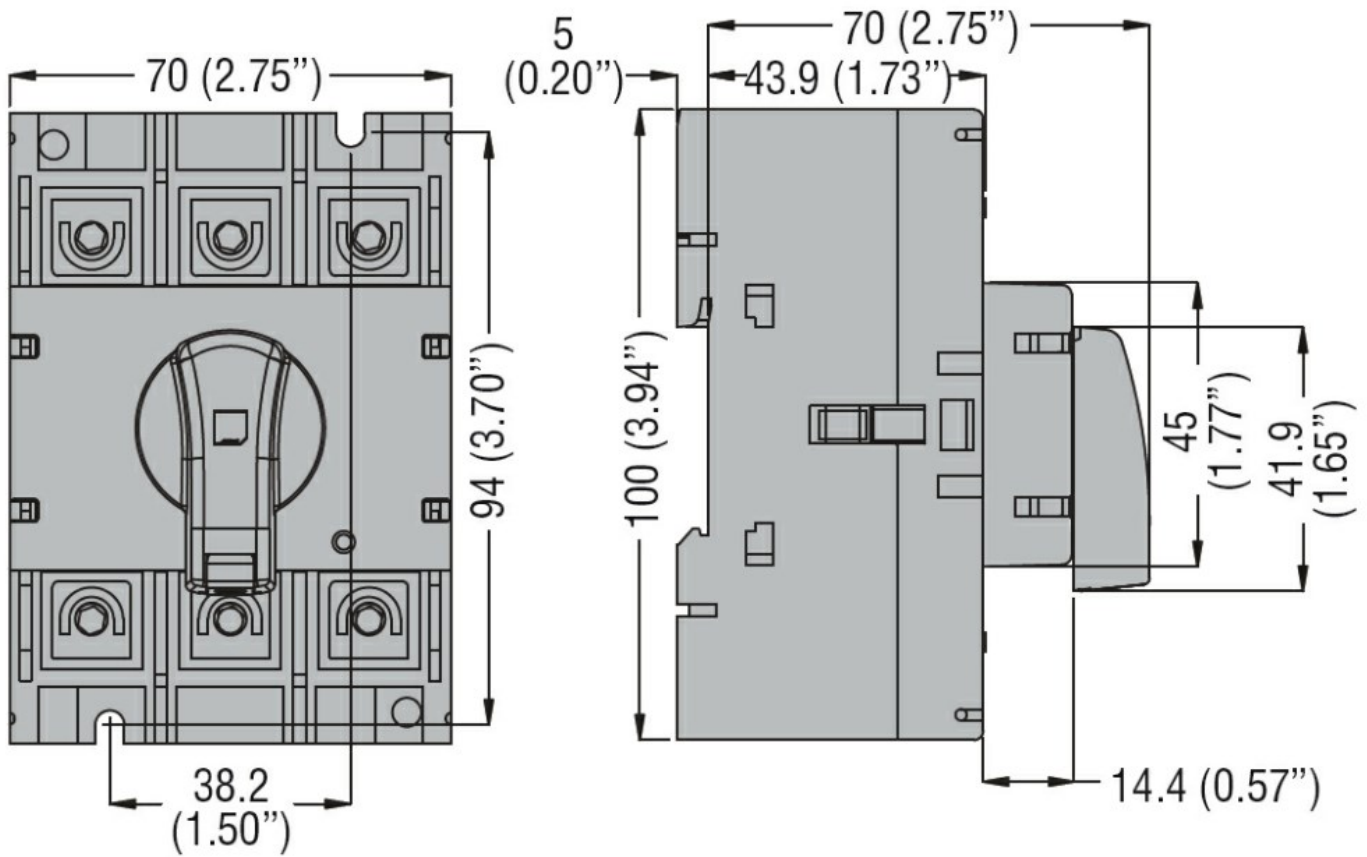


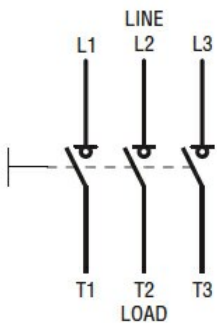


Product designation				Switch disconnecter	
Product type designation				GA	
Number of poles	nr.			3	
Operating voltage type				AC	
<b>Contact characteristics</b>					
Conventional free air thermal current I <sub>th</sub> IEC/EN	A			80	
Rated insulation voltage U <sub>i</sub> IEC/EN	V			1000	
Rated impulse withstand voltage U <sub>imp</sub>	kV			8	
Operating current I <sub>e</sub>					
AC21A		400V	A	80	
		500V	A	80	
		690V	A	80	
AC22A		400V	A	80	
		500V	A	80	
		690V	A	80	
AC23A		400V	A	80	
		500V	A	63	
		690V	A	47	
Power dissipation per pole max	W			2.6	
Rated operational power AC23A		400V	kW	45	
		690V	kW	45	
Conditional short-circuit current (rms)	kA			50	
Short-circuit protection with fuse	Class/A			gG80	
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				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	I <sub>bin</sub>	3.75
	max	I <sub>bin</sub>	4.5
<b>Conductor section</b>			
	Cable min (IEC)	mm <sup>2</sup>	4
	Cable max (IEC)	mm <sup>2</sup>	70
	min (AWG/kcmil)		12
	max (AWG/kcmil)		1
<b>UL technical data</b>			
General purpose current rating		A	100
Operating voltage max		V	600
<b>Horsepower/FLA current three phase motor</b>			
	240V		25/68
	480V		40/52
	600V		40/41
Short circuit rating		kA rms	50
Short circuit rating with fuse		Class/A	J/100
<b>Ambient conditions</b>			
<b>Operating temperature</b>			
	min	°C	-25
	max	°C	55
<b>Storage temperature</b>			
	min	°C	-40
	max	°C	70
Max altitude		m	3000
<b>Resistance &amp; Protection</b>			
Frontal IP degree			IP20
Pollution degree			3
<b>Dimensions</b>			



**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 6 classification**

EC000066 - Power contactor, AC switching