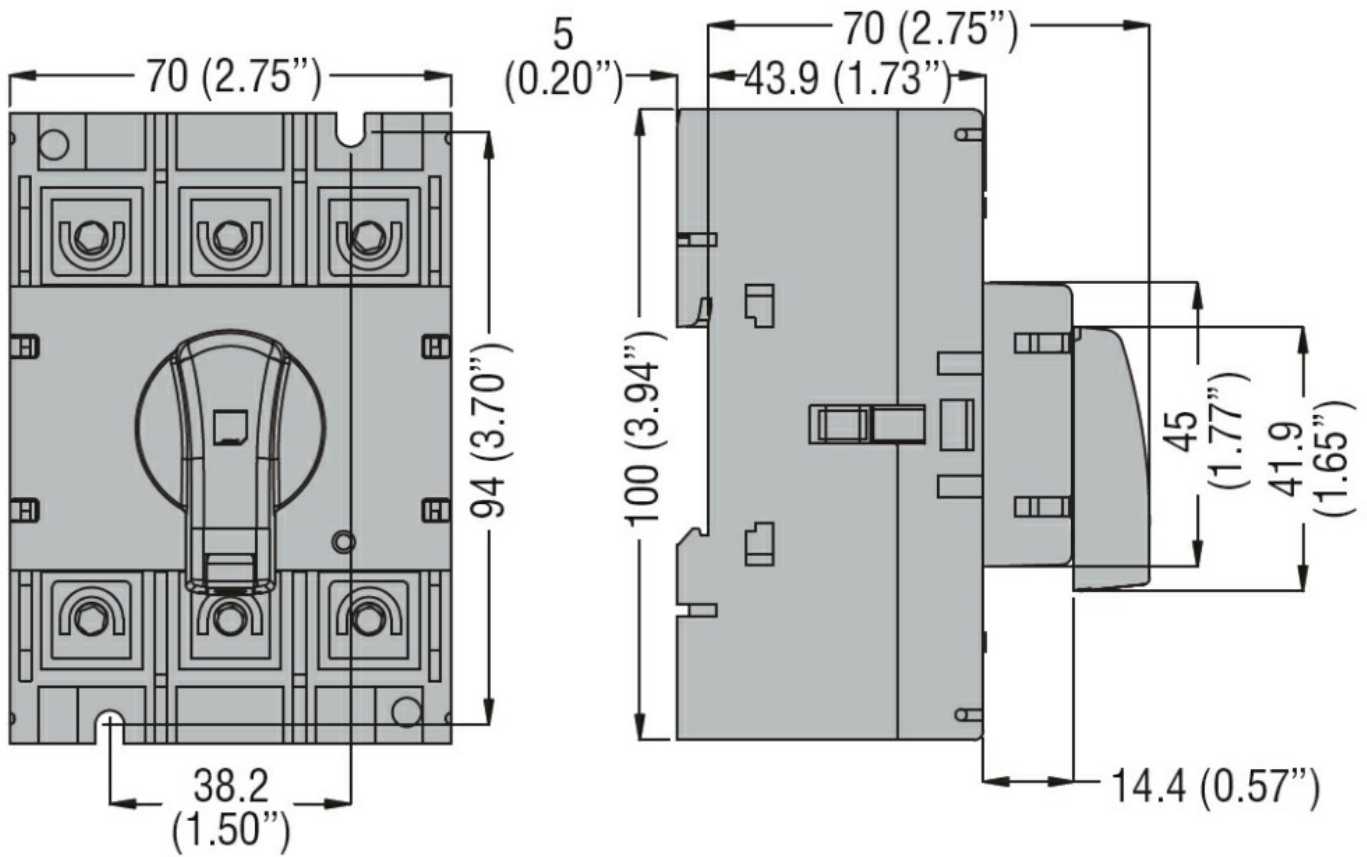


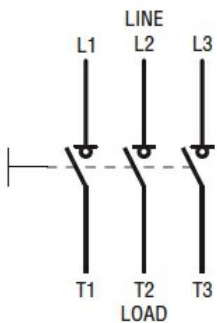


Product designation				Switch disconnecter
Product type designation				GA
Number of poles		Nr.		3
Operating voltage type				AC
<b>Contact characteristics</b>				
IEC Conventional free air thermal current I <sub>th</sub>		A		80
Rated insulation voltage U <sub>i</sub> IEC/EN		V		1000
Rated impulse withstand 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>	45
	max	I <sub>bin</sub>	54
<b>Conductor section</b>			
	IEC min	mm <sup>2</sup>	4
	IEC max	mm <sup>2</sup>	70
	AWG/kcmil min		12
	AWG/kcmil max		1
<b>UL technical data</b>			
UL Standard			UL98
General purpose current rating		A	100
Operating voltage max		V	600
<b>Horsepower/FLA current three phase motor</b>			
	240V	HP	25/68
	480V	HP	40/52
	600V	HP	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 [mm (in)]</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 classification

ETIM 8.0

EC000216 -  
 Switch  
 disconnecter