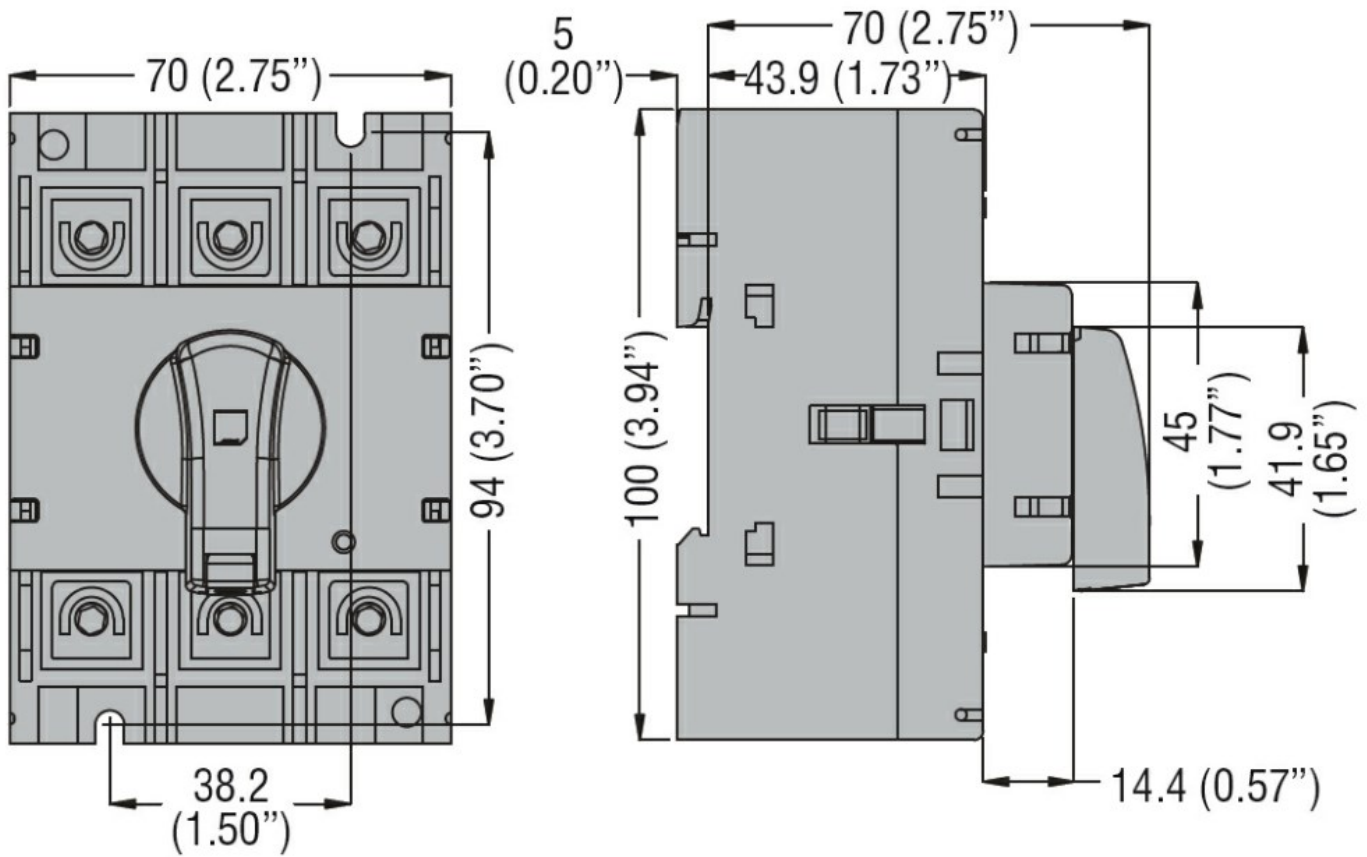


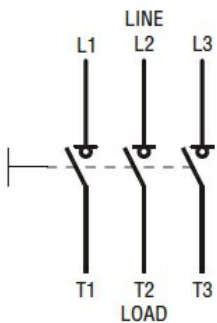


Product designation				Switch disconnecter	
Product type designation				GA	
Number of poles	nr.			3	
Operating voltage type				AC	
Contact characteristics					
Conventional free air thermal current I _{th} IEC/EN	A			100	
Rated insulation voltage U _i IEC/EN	V			1000	
Rated impulse withstand voltage U _{imp}	kV			8	
Operating current I _e					
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	
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	
Mechanical features					
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 _{bin}	3.75
	max	I _{bin}	4.5
Conductor section			
	Cable min (IEC)	mm ²	4
	Cable max (IEC)	mm ²	70
	min (AWG/kcmil)		12
	max (AWG/kcmil)		1
UL technical data			
General purpose current rating		A	100
Operating voltage max		V	600
Horsepower/FLA current three phase motor			
	240V		30/80
	480V		50/65
	600V		50/52
Short circuit rating		kA rms	50
Short circuit rating with fuse		Class/A	J/100
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 6 classification

EC000066 - Power contactor, AC switching