GA063A

THREE-POLE SWITCH DISCONNECTOR, DIRECT OPERATING VERSION, 63A

Product designation				Switch disconnector
Product type designation				GA
Number of poles			nr.	3
Operating voltage type				AC
Contact characteristics				
IEC Conventional free air thermal current Ith			A	63
Rated insulation voltage Ui IEC/EN			V	1000
Rated impulse withstand voltage Uimp			kV	8
Operating current Ie				
	AC21A			
		400V	A	63
		500V	A	63
		690V	A	63
	AC22A			
		400V	A	63
		500V	A	63
		690V	A	63
	AC23A			
		400V	A	63
		500V	A	63
		690V	A	47
Power dissipation per pole max			W	1.6
Rated operational power AC23A				
		400V	kW	30
		690V	kW	45
Conditional short-circuit current (rms)			kA	50
Short-circuit protection with fuse			Class/A	gG63
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		Vertical plan
		allowable		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	Ibin	3.75
	max	Ibin	4.5
Conductor section			
	IEC min	mm²	4
	IEC max	mm²	70
	AWG/kcmil min		12
	AWG/kcmil max		1
UL technical data			
General purpose current rating		A	60
Operating voltage max		V	600
Horsepower/FLA current three phase motor			
	240V		20/54
	480V		40/52
	600V		40/41
Short circuit rating		kA rms	50
Short circuit rating with fuse		Class/A	J/60
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			

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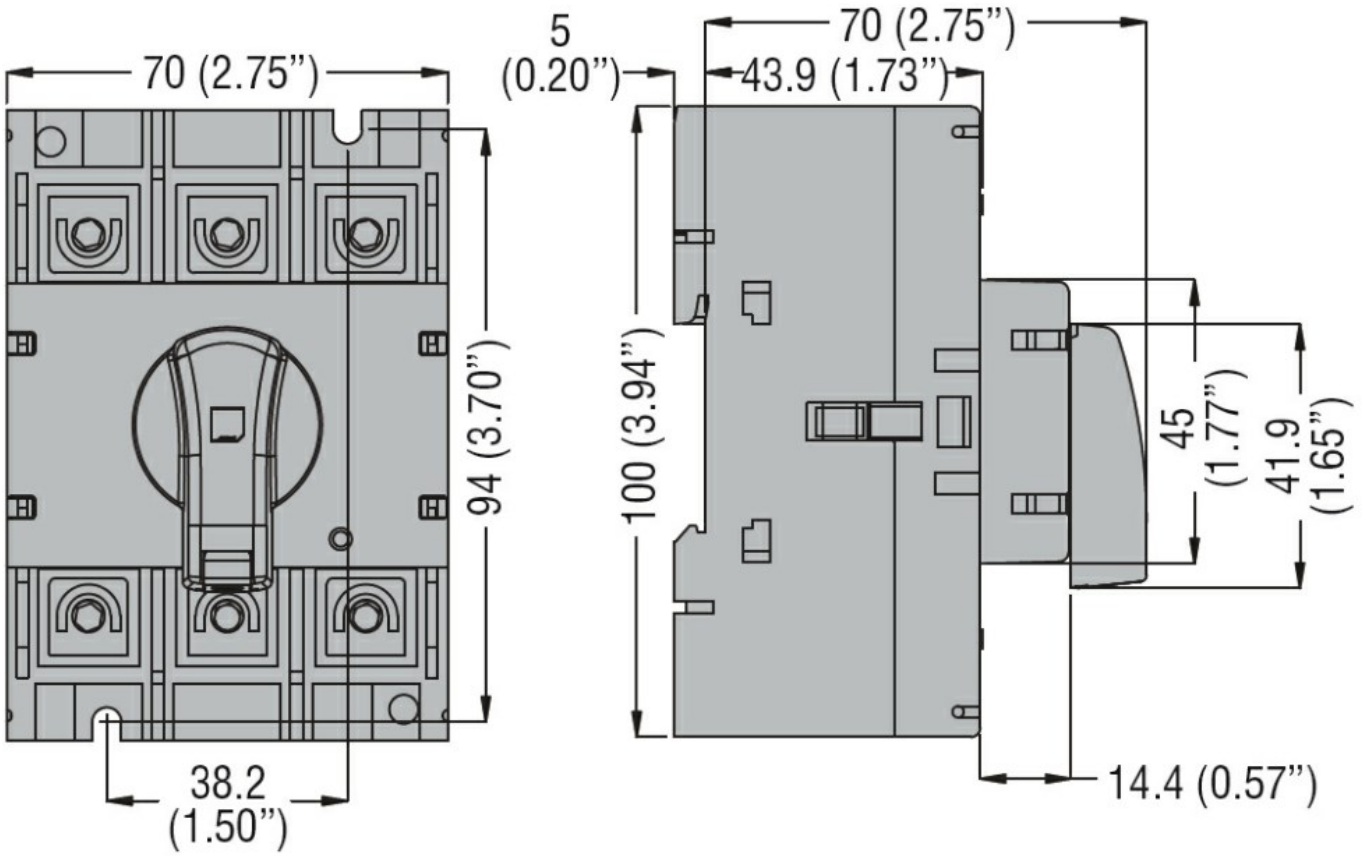
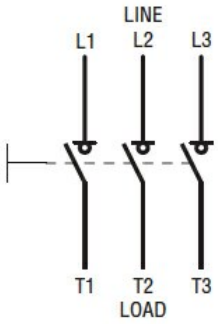


Wiring diagrams



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