GA063A

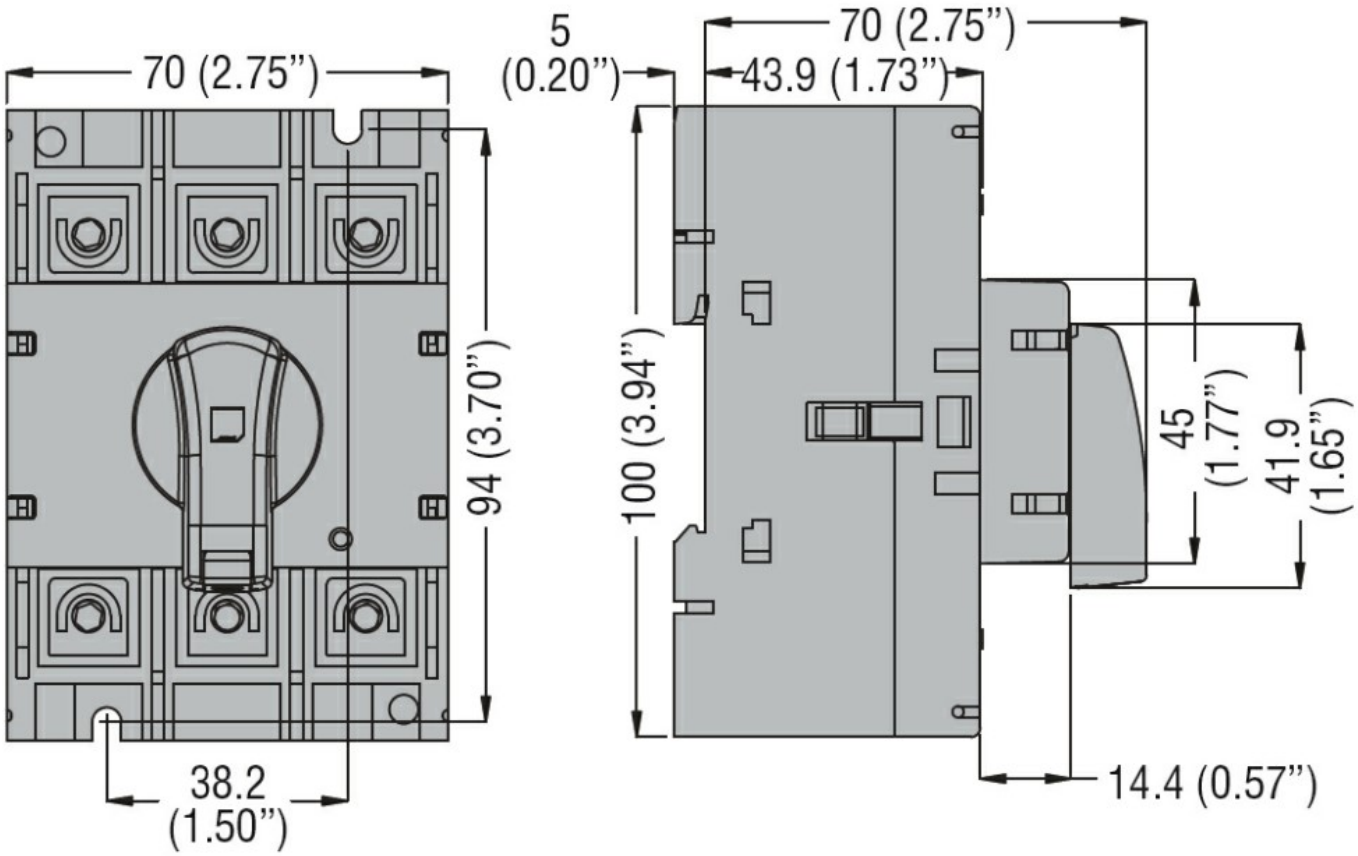
THREE-POLE SWITCH DISCONNECTOR, DIRECT OPERATING VERSION, 63A

Product designation			Switch disconnector
Product type designation			GA
Number of poles		nr.	3
Operating voltage type			AC
Electrical features			
Conventional free air thermal current Ith		A	63
Rated insulation voltage Ui		V	1000
Rated impulse withstand voltage Uimp		kV	8
Operating current			
	AC21A 400V	A	63
	AC21A 500V	A	63
	AC21A 690V	A	63
	AC22A 400V	A	63
	AC22A 500V	A	63
	AC22A 690V	A	63
	AC23A 400V	A	63
	AC23A 500V	A	63
	AC23A 690V	A	47
Power dissipation per pole max		W	1.6
Rated operational power AC23A			
	400V	kW	30
	690V	kW	45
Rated short time current (1s) Icw (rms)		A	2500
Conditional short-circuit current (rms)		kA	50
Short circuit protection with fuse			gG63
Making capacity AC23A 400V		A	1250
Breaking capacity AC23A 400V		A	1000
Operations			
Mechanical life		Cycles	30000
Electrical life AC21A		Cycles	30000
Ambient conditions			
Operating temperature			
	min	°C	-25
	max	°C	55
Storage temperature			
	min	°C	-40
	max	°C	70
Max altitude		m	3000
Mechanical feautures			
Operating position			
	normal		Vertical plan
	allowable		Any
Mounting			Screw / DIN rail 35mm

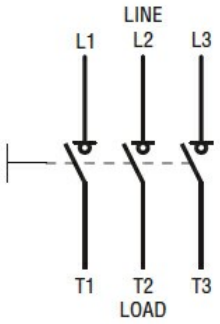
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

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	lbft	3.75
	max	lbft	4.5
Conductor section			
	min (IEC)	mm²	4
	max (IEC)	mm²	70
	min (AWG)		12
	max (AWG)		1
Frontal IP degree			IP20
Pollution degree			3
UL technical data			
Compliance			UL98 / CSA C22.2 n°4
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	50
Short circuit rating with fuse			J/60
Dimensions			

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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 secondo UL98
EAC

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding