GA160A

THREE-POLE SWITCH DISCONNECTOR, DIRECT OPERATING VERSION, 160A



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	160
Rated insulation voltage Ui		V	1000
Rated impulse withstand voltage Uimp		kV	8
Operating current			
	AC21A 400V	A	160
	AC21A 500V	A	160
	AC21A 690V	A	160
	AC22A 400V	A	160
	AC22A 500V	A	125
	AC22A 690V	A	125
	AC23A 400V	A	125
	AC23A 500V	A	100
	AC23A 690V	A	47
Power dissipation per pole max		W	12
Rated operational power AC23A			
	400V	kW	55
	690V	kW	45
Rated short time current (1s) Icw (rms)		A	2500
Conditional short-circuit current (rms)		kA	50
Short circuit protection with fuse			gG160
Making capacity AC23A 400V		A	1250
Breaking capacity AC23A 400V		A	1000
Operations			
Mechanical life		Cycles	30000
Electrical life AC21A		Cycles	1500
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

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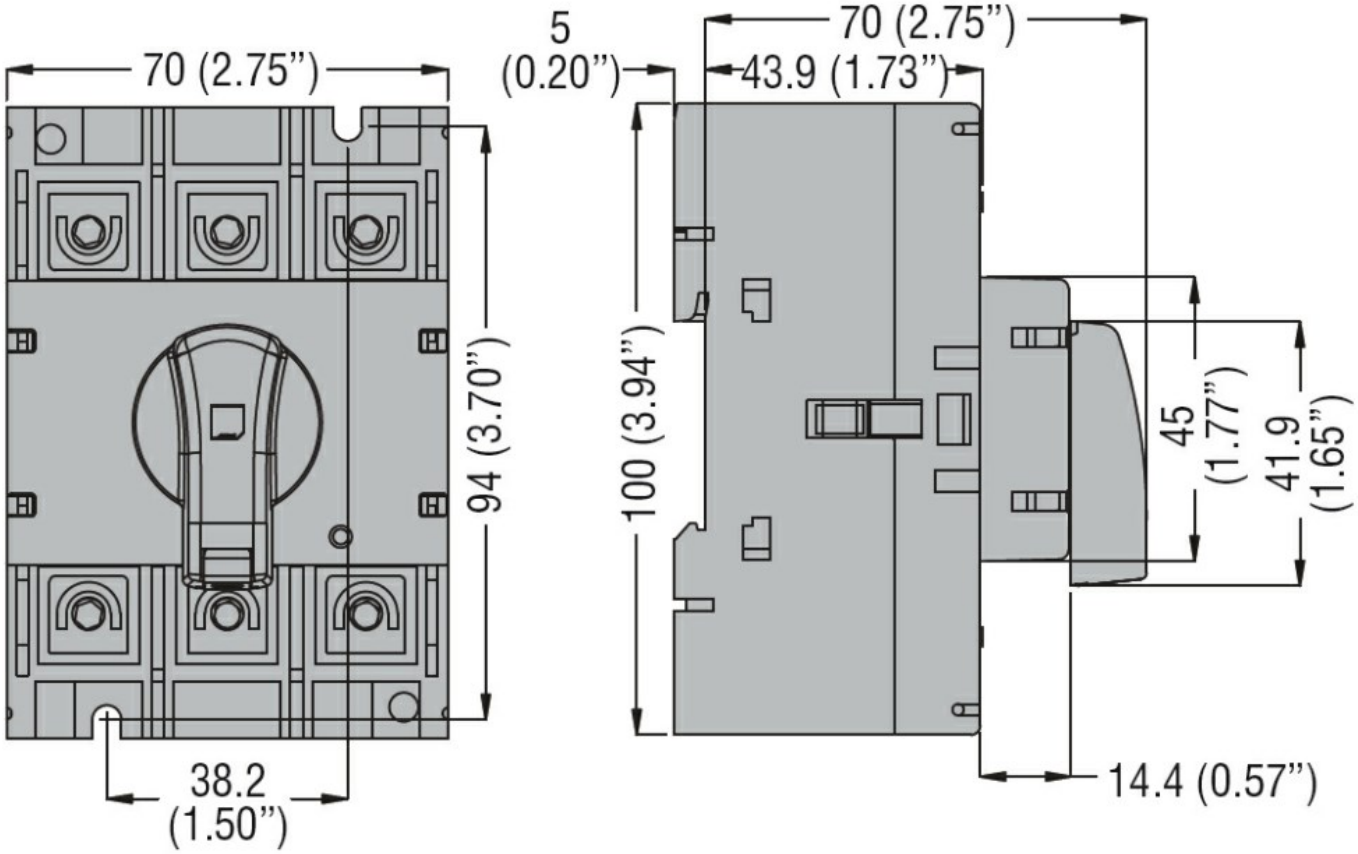
Terminals			
	type		Pillar
	width	mm	12.4
	height	mm	10.4
	screw		M8
	tool		Metric Allen key 4
Tightening torque for terminals			
	min	Nm	5
	max	Nm	6
	min	lbft	3.75
	max	lbft	4.5
Conductor section			
	min (IEC)	mm²	4
	max (IEC)	mm²	70.
	min (AWG)		12
	max (AWG)		1
Weight		g	388.
Frontal IP degree			IP20
Pollution degree			3

Dimensions



Wiring diagrams

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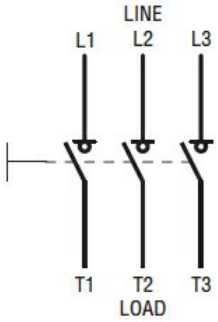
Three-pole disconnectors
GA016... - GA125A/C
GAZ016... - GAZ125/B
GAZ016UL... - GAZ125UL



Certifications and compliance

Compliance

	IEC/EN 60947-1
	IEC/EN 60947-3

Certifications

EAC

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