



Product designation				Fourth pole add-on
Product type designation				GAX42
Number of poles		Nr.		1
Operating voltage type				AC
Contact characteristics				
IEC Conventional free air thermal current I _{th}		A		160
Rated insulation voltage U _i IEC/EN		V		1000
Rated impulse withstand voltage U _{imp}		kV		8
Operating current I _e				
	AC21A			
		400V	A	160
		500V	A	160
		690V	A	160
	AC22A			
		400V	A	160
		500V	A	125
		690V	A	125
	AC23A			
		400V	A	125
		500V	A	100
		690V	A	47
Making capacity AC23A 400V		A		1250
Breaking capacity AC23A 400V		A		1000
Mechanical life		cycles		30000
Electrical life AC21A		cycles		1500 (AC23A 400V)
Mechanical features				
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	lbin	45
		max	lbin	54
Conductor section		IEC min	mm ²	4
		IEC max	mm ²	70
		AWG/kcmil min		12
		AWG/kcmil max		1

Ambient conditions

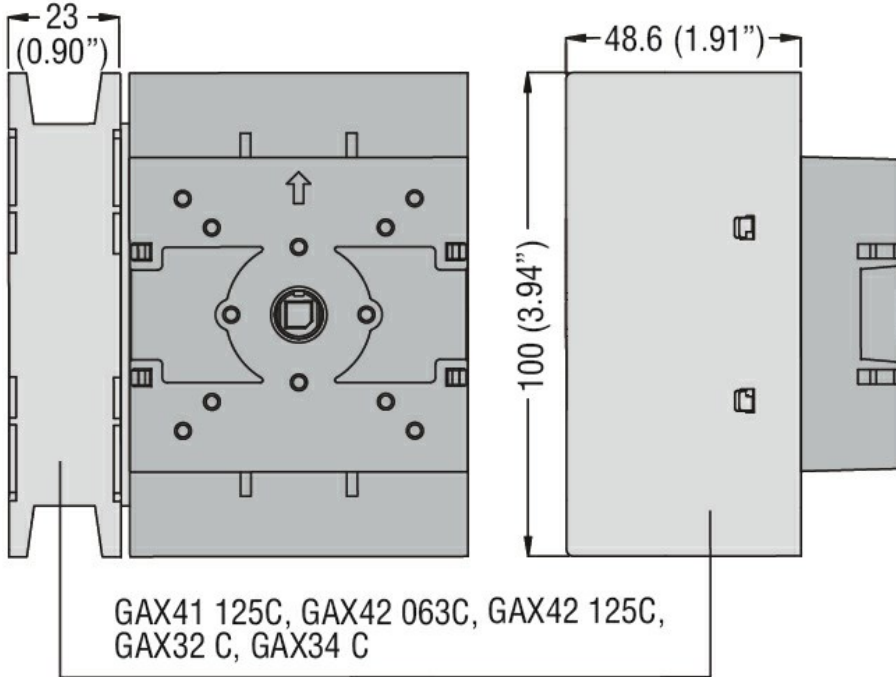
Operating temperature

	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Max altitude		m	3000

Resistance & Protection

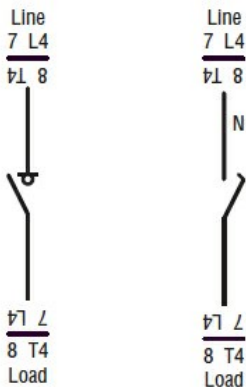
Pollution degree			3
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Dimensions



Wiring diagrams

Fourth pole add on
GAX42... **GAX41...**



Certifications and compliance

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

ETIM classification

ETIM 8.0

EC002498 -
Accessories/spare
parts for low-
voltage switch
technology