



Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$	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 80
	690V	A 47
AC23A		
	400V	A 100
	500V	A 80
	690V	A 47
Reactive power for control of capacitors at		
Making capacity AC23A 400V	A	1000
Breaking capacity AC23A 400V	A	800
Mechanical life	cycles	30000
Electrical life AC21A	cycles	30000

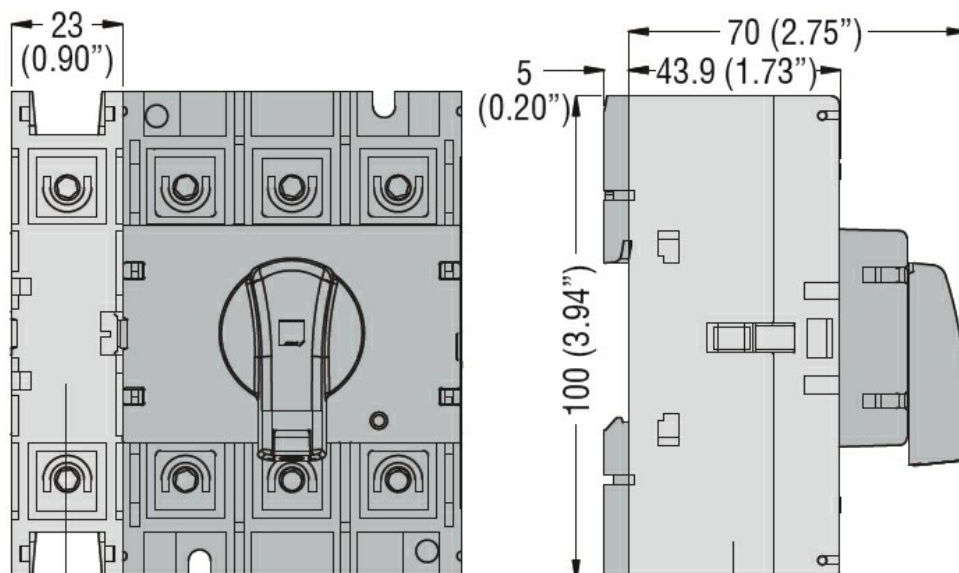
Mechanical features

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	kcmil	1

Ambient conditions

Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40

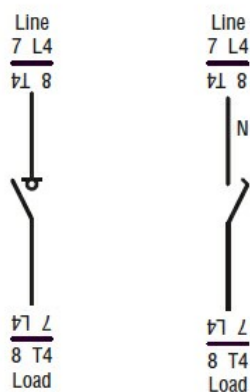
	max	°C	+70
Max altitude		m	3000
Resistance & Protection			
Pollution degree			3
Dimensions			



GAX41 125A, GAX42 063A... GAX42 160A,
GAX32 A, GAX34 A

Wiring diagrams

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



Certifications and compliance

Compliance

CSA C22.2

IEC/EN 60335-2-89

IEC/EN 60947-1

IEC/EN 60947-3

UL508

UL98

Certifications

CCC

CSA C22.2 n. 60335-2-40:22 LZGH A2L

CSA C22.2 n°4

CSA C22.2 No. 60335-2-89:21 LZGH A2L

cULus according to UL98

EAC

UL 60335-2-40 LZGH A2L

UL 60335-2-89 LZGH A2L

ETIM classification

ETIM 8.0

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