



Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$	A	80
Rated insulation voltage U_i IEC/EN	V	1000
Rated impulse withstand voltage U_{imp}	kV	8
Operating current I_e		
AC21A		
	400V	80
	500V	80
	690V	80
AC22A		
	400V	80
	500V	80
	690V	47
AC23A		
	400V	80
	500V	63
	690V	47
Reactive power for control of capacitors at		
Making capacity AC23A 400V	A	800
Breaking capacity AC23A 400V	A	640
Mechanical life	cycles	30000
Electrical life AC21A	cycles	30000

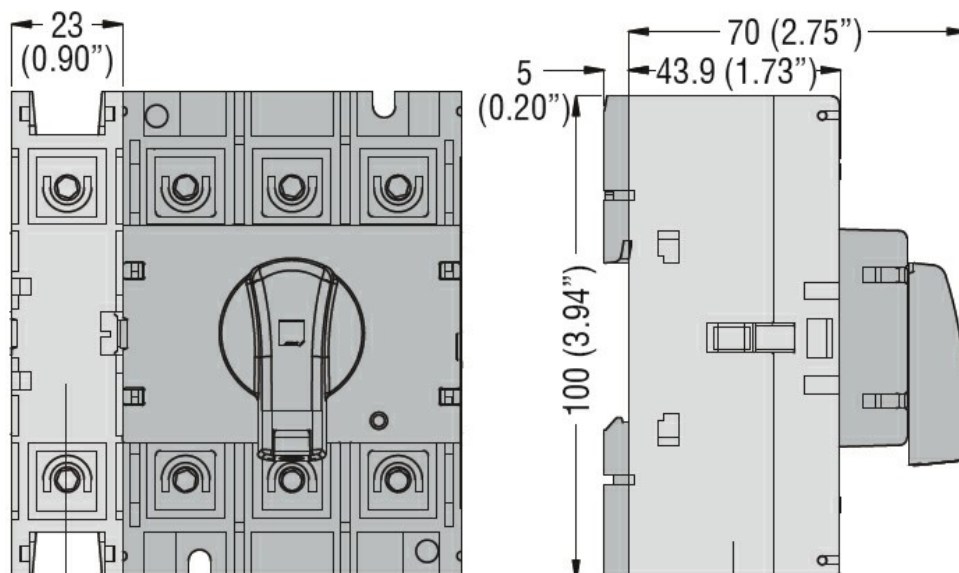
Mechanical features

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

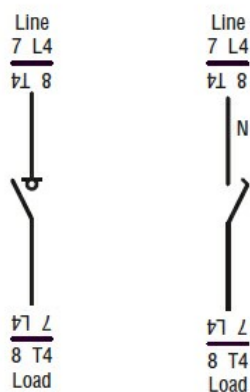
	max	°C	+70
Max altitude		m	3000
Resistance & Protection			
Pollution degree			3
Dimensions			



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