



Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$	A	40
Rated insulation voltage U_i IEC/EN	V	1000
Rated impulse withstand voltage U_{imp}	kV	8
Operating current I_e		
AC21A		
	400V	A 40
	500V	A 40
	690V	A 40
AC22A		
	400V	A 40
	500V	A 40
	690V	A 40
AC23A		
	400V	A 40
	500V	A 25
	690V	A 25
Reactive power for control of capacitors at		
Making capacity AC23A 400V	A	400
Breaking capacity AC23A 400V	A	320
Mechanical life	cycles	100000
Electrical life AC21A	cycles	100000

Mechanical features

Terminals

	type		Pillar
	width	mm	5.6
	height	mm	6.5
	screw		M4
	tool		Phillips 2
Tightening torque for terminals			
	min	Nm	1.8
	max	Nm	2
	min	lbin	16
	max	lbin	18

Conductor section

	IEC min	mm ²	0.75
	IEC max	mm ²	16
	AWG/kcmil min		18
	AWG/kcmil max	kcmil	6

Weight	g	45
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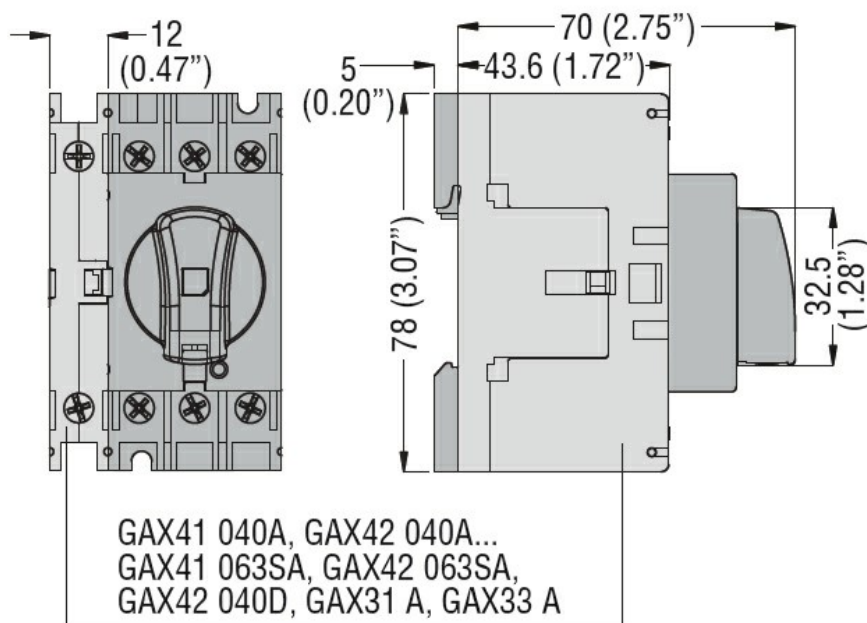
UL technical data

Operating voltage max	V	600
Short circuit rating	kA rms	5

Ambient conditions

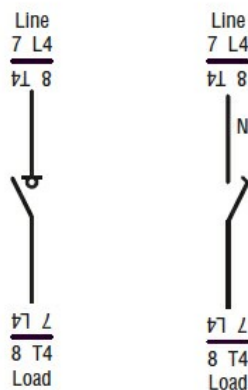
Operating temperature

	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Max altitude		m	3000
Resistance & Protection			
Frontal IP degree			IP20
Pollution degree			3
Dimensions			



Wiring diagrams

Fourth pole add on
GAX2... **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°60947-4-1

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

cULus according to UL60947-4-1

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