



Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$	A	63
Rated insulation voltage U_i IEC/EN	V	1000
Rated impulse withstand voltage U_{imp}	kV	8
Operating current I_e		
AC21A	400V	A 63
	500V	A 63
	690V	A 63
AC22A	400V	A 63
	500V	A 63
	690V	A 63
AC23A	400V	A 63
	500V	A 25
	690V	A 25
Reactive power for control of capacitors at		
Making capacity AC23A 400V	A	450
Breaking capacity AC23A 400V	A	360
Mechanical life	cycles	100000
Electrical life AC21A	cycles	15000

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

Ambient conditions

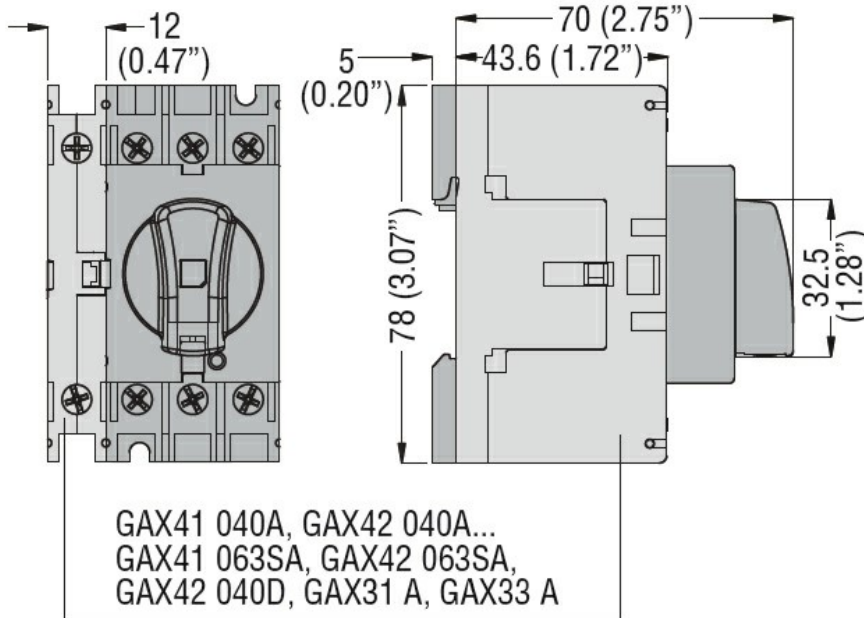
Operating temperature

min	°C	-25
max	°C	+55

Storage temperature

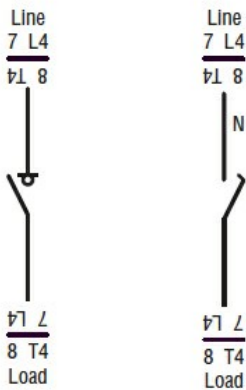
min	°C	-40
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	max	°C	+70
Max altitude		m	3000
Resistance & Protection			
Pollution degree			3
Dimensions			



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°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