



Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$	A	800
Rated insulation voltage U_i IEC/EN	V	1000
Rated impulse withstand voltage U_{imp}	kV	12
Operating current I_e		
AC21A		
	400V	A 800
	500V	A 800
	690V	A 800
AC22A		
	400V	A 800
	500V	A 800
	690V	A 800
AC23A		
	400V	A 800
	500V	A 800
	690V	A 800
Power dissipation per pole max	W	40
Rated operational power AC23A		
	400V	kW 560
	690V	kW 800
Reactive power for control of capacitors at		
Making capacity AC23A 400V	A	8000
Breaking capacity AC23A 400V	A	6400
Mechanical life	cycles	5000

Mechanical features

Operating position	normal allowable	Vertical plan Any
Terminals	type	M12 x 40
Tightening torque for terminals	min max min max	Nm 50 Nm 75 lbin 442 lbin 664
Conductor section	IEC min AWG/kcmil min AWG/kcmil max	mm ² 2x185 2 kcmil 4x600

UL technical data

UL Standard	UL98
General purpose current rating	A 800
UL Terminal kit lugs	GL506-GL507

Ambient conditions

Operating temperature

min	°C	-25
max	°C	+55

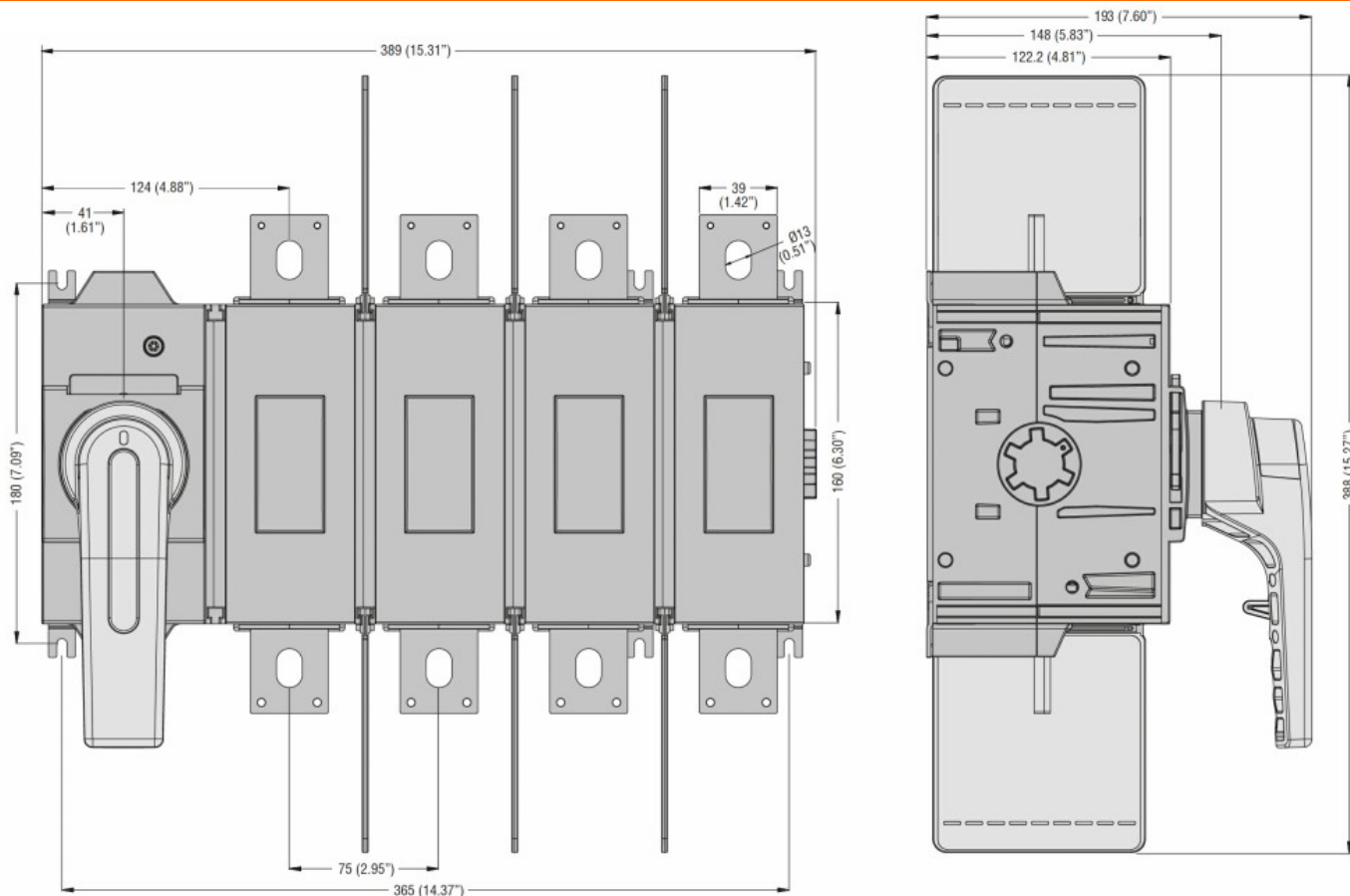
Storage temperature

min	°C	-40
max	°C	+70

Max altitude

m	3000
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Dimensions



Wiring diagrams



Certifications and compliance

Compliance

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

Certifications

cULus

ETIM classification

ETIM 8.0

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