



### Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$	A	1000
Rated insulation voltage $U_i$ IEC/EN	V	1000
Rated impulse withstand voltage $U_{imp}$	kV	12
Operating current $I_e$		
AC21A	400V	A 1000
	500V	A 1000
	690V	A 1000
AC22A	400V	A 1000
	500V	A 1000
	690V	A 1000
AC23A	400V	A 1000
	500V	A 1000
	690V	A 1000
Power dissipation per pole max	W	63
Rated operational power AC23A	400V	kW 560
	690V	kW 800
Reactive power for control of capacitors at		
Making capacity AC23A 400V	A	10000
Breaking capacity AC23A 400V	A	8000
Mechanical life	cycles	5000

### Mechanical features

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

### UL technical data

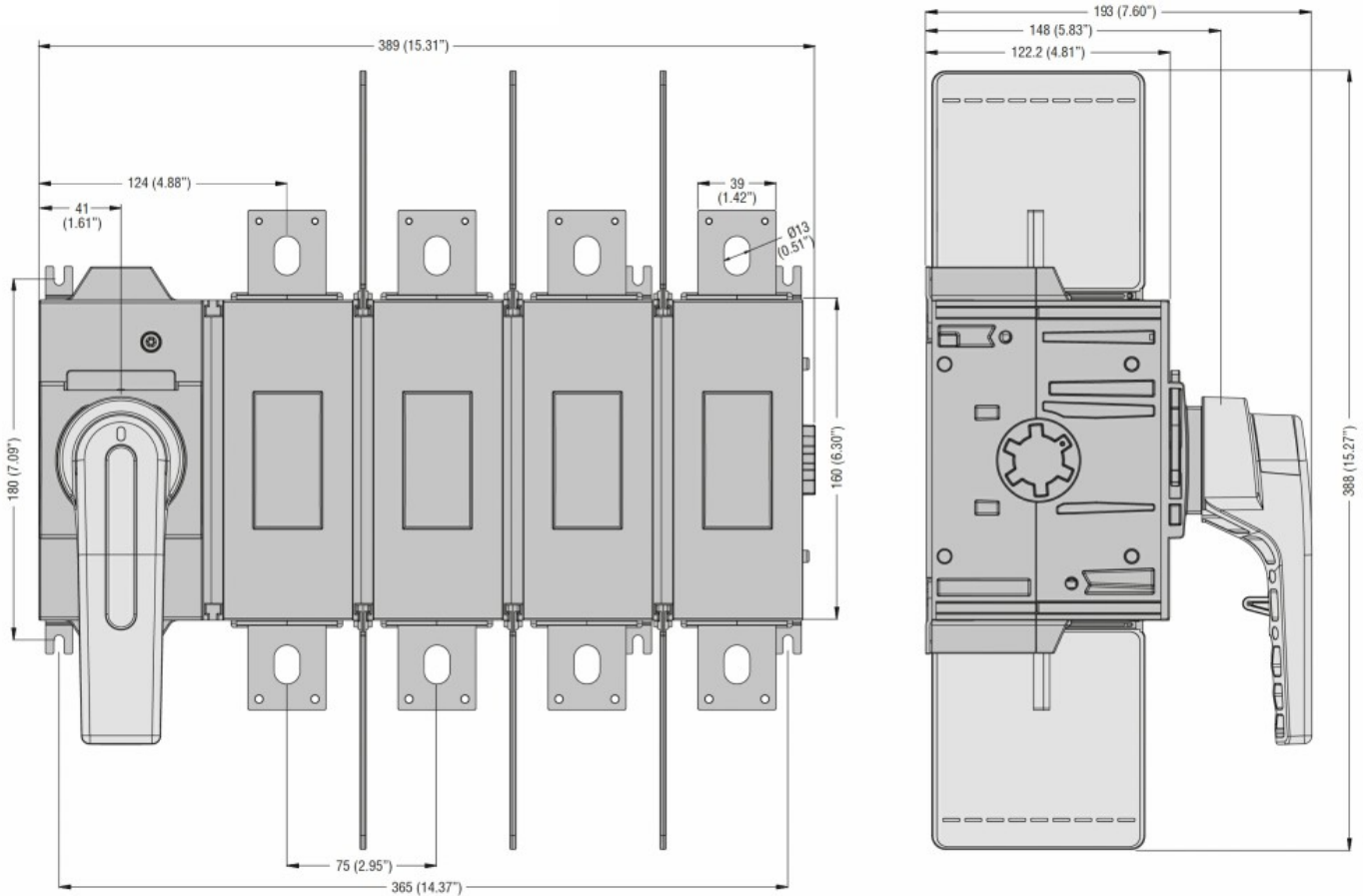
UL Terminal kit lugs GL506-GL507

### Ambient conditions

Operating temperature	min	°C	-25
-----------------------	-----	----	-----

Storage temperature	max	°C	+55
	min	°C	-40
Max altitude	max	°C	+70
		m	3000

**Dimensions**



**Wiring diagrams**



**Certifications and compliance**

**Compliance**

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

**ETIM classification**

ETIM 8.0

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