



**Contact characteristics**

IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$	A	630
Rated insulation voltage $U_i$ IEC/EN	V	1000
Rated impulse withstand voltage $U_{imp}$	kV	12
Operating current $I_e$		
AC21A		
	400V	A 630
	500V	A 630
	690V	A 630
	1000V	A 630
AC22A		
	400V	A 630
	500V	A 630
	690V	A 630
AC23A		
	400V	A 630
	500V	A 630
	690V	A 630
	1000V	A 400
Power dissipation per pole max	W	25
Rated operational power AC23A		
	400V	kW 355
	690V	kW 630
Reactive power for control of capacitors at		
Rated short time current (1s) $I_{cw}$ (rms)	kA	20
Conditional short-circuit current (rms)	kA	80
Short-circuit protection with fuse	Class/A	gG/630
Making capacity AC23A 400V	A	6300
Breaking capacity AC23A 400V	A	5040
Mechanical life	cycles	5000

**Mechanical features**

Operating position	normal allowable	Vertical plan Any
Fixing		Screw
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

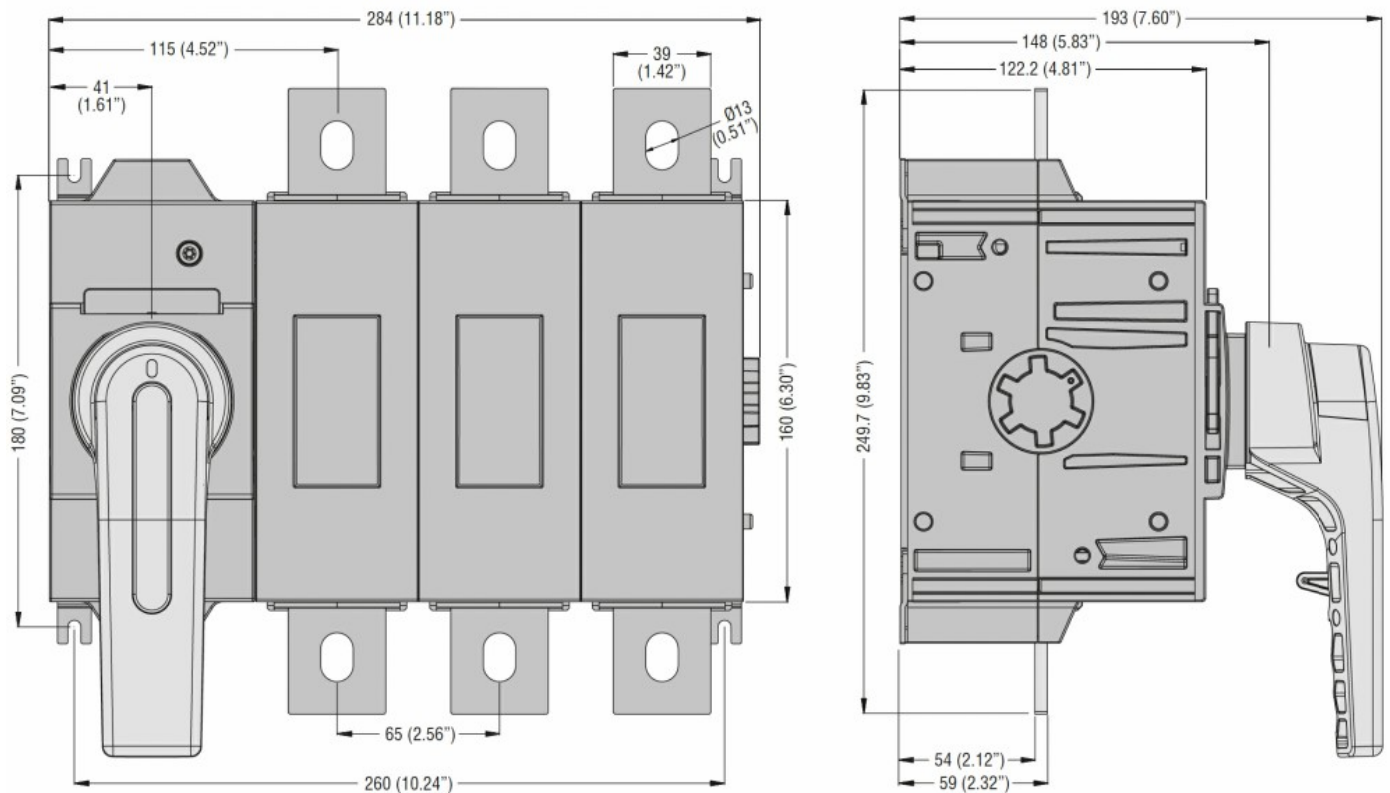
**UL technical data**

UL Standard			UL98
General purpose current rating		A	600
Operating voltage max		V	600
Horsepower/FLA current three phase motor	240V	HP/A	200/480
	480V	HP/A	450/515
	600V	HP/A	500/472
Short circuit rating		kA rms	100
Short circuit rating with fuse		Class/A	J/600
UL Terminal kit lugs			GL506-GL507
Minimum enclosure dimensions at rated current	mm	mm	750 x 600 x 250
	in	in	29,5 x 23,6 x 9,8

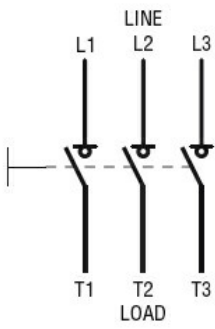
**Ambient conditions**

Operating temperature	min	°C	-25
	max	°C	+55
Storage temperature	min	°C	-40
	max	°C	+70
Max altitude		m	3000

**Dimensions**



**Wiring diagrams**



### Certifications and compliance

#### Compliance

IEC/EN 60947-1

IEC/EN 60947-3

#### Certifications

cULus

### ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnecter