



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 AWG/kcmil min	mm ² 2x185 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	750 x 600 x 250
	in	29,5 x 23,6 x 9,8

Ambient conditions

Operating temperature

min	°C	-25
max	°C	+55

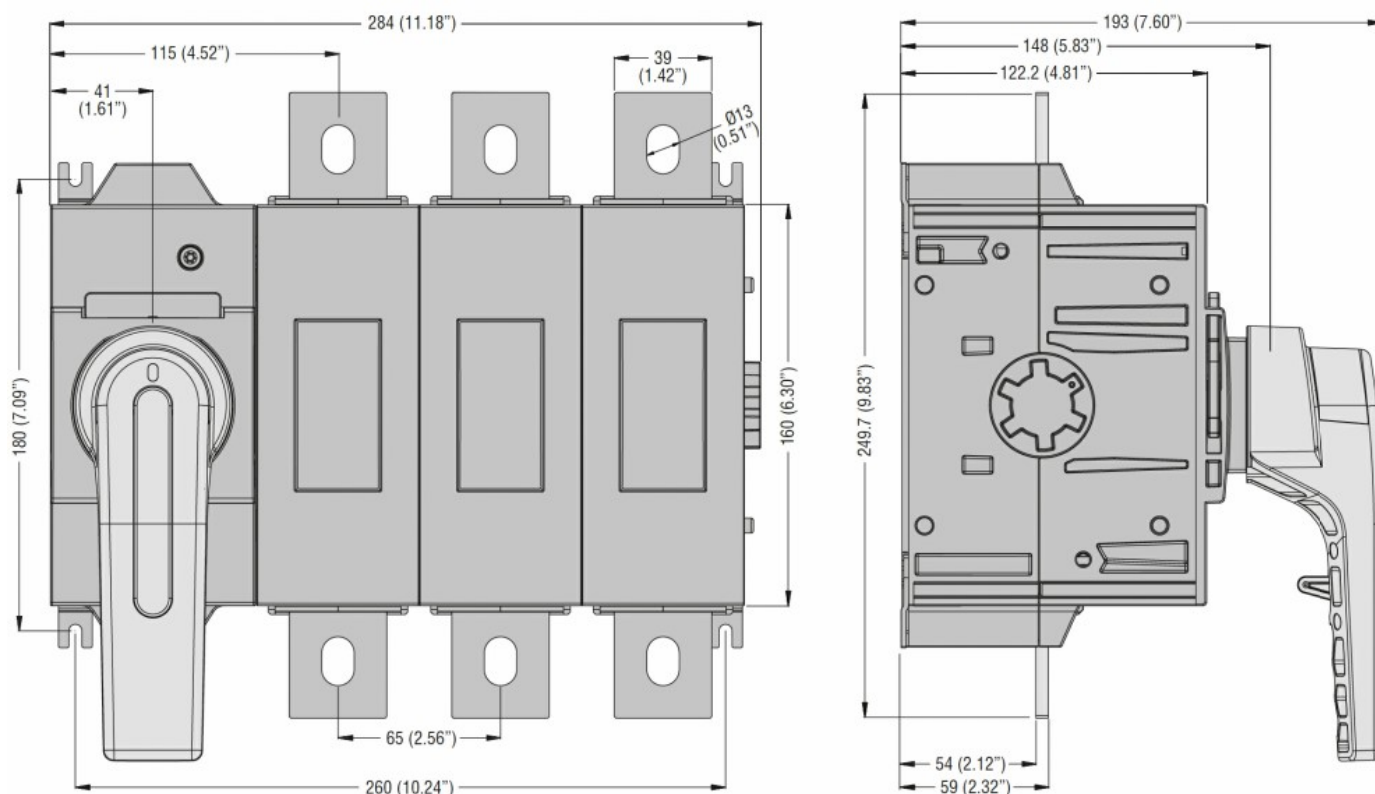
Storage temperature

min	°C	-40
max	°C	+70

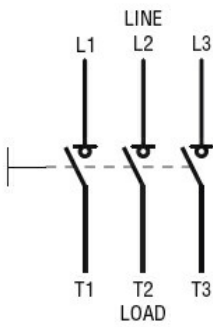
Max altitude

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
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