



### 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 63
	690V	A 47
Power dissipation per pole max	W	1.6
Rated operational power AC23A	400V	kW 30
	690V	kW 45
Reactive power for control of capacitors at		
Conditional short-circuit current (rms)	kA	50
Short-circuit protection with fuse	Class/A	gG63
Making capacity AC23A 400V	A	630
Breaking capacity AC23A 400V	A	504
Mechanical life	cycles	30000
Electrical life AC21A	cycles	30000

### Mechanical features

Operating position	normal allowable	Vertical plan Any
Terminals	type	Pillar
	width mm	12.4
	height mm	10.4
	screw	M8
	tool	Metric Allen key 4
Tightening torque for terminals	min Nm	5
	max Nm	6
	min lbin	45
	max lbin	54
Conductor section	IEC min mm <sup>2</sup>	4

IEC max	mm <sup>2</sup>	70
AWG/kcmil min		12
AWG/kcmil max	kcmil	1

**UL technical data**

General purpose current rating	A	60
Operating voltage max	V	600
Horsepower/FLA current single phase motor		
	120V	HP/A 3/34
	240V	HP/A 7,5/40
Horsepower/FLA current three phase motor		
	240V	HP/A 20/54
	480V	HP/A 40/52
	600V	HP/A 40/41
Short circuit rating	kA rms	50
Short circuit rating with fuse	Class/A	J/60

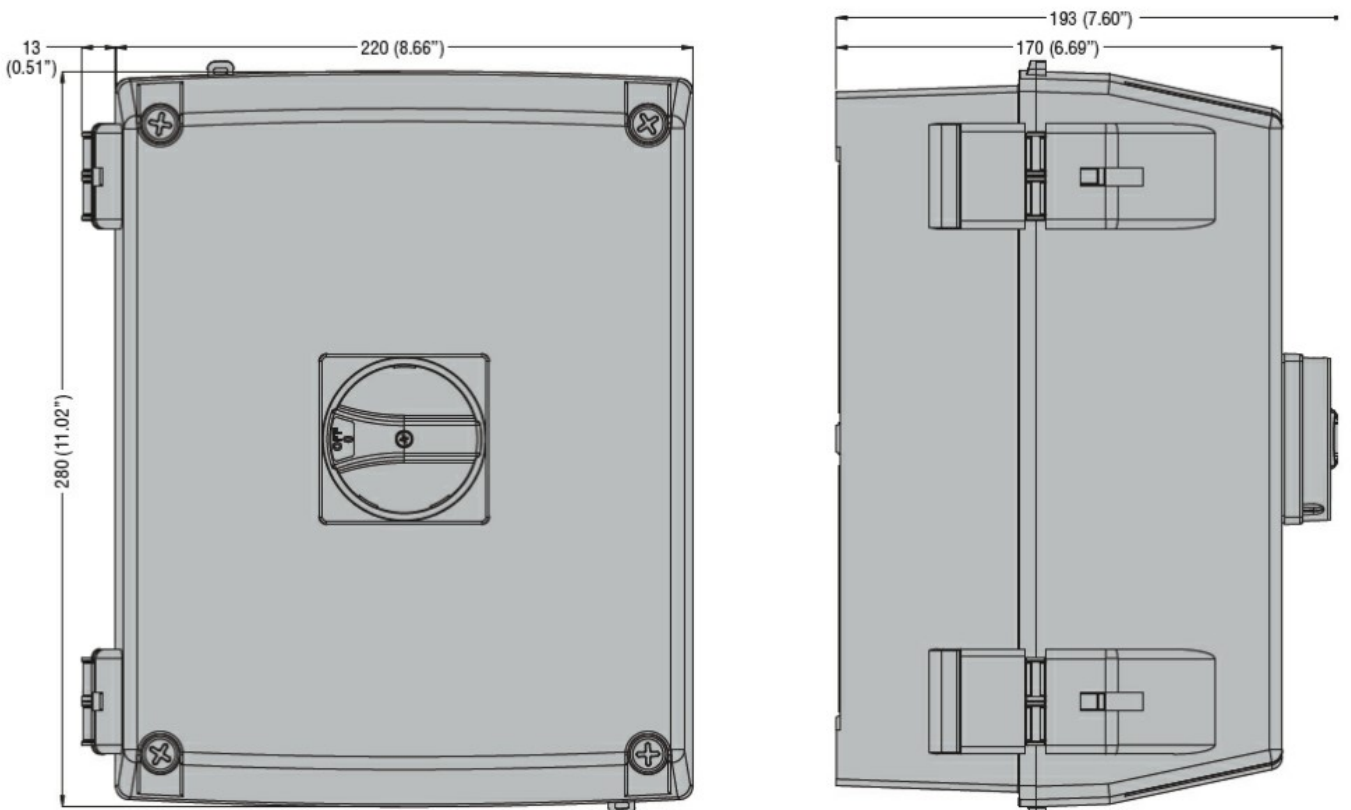
**Ambient conditions**

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

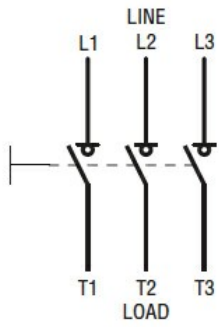
**Resistance & Protection**

Frontal IP degree	IP65
UL degree of protection	UL/CSA Type 4/4X
IP degree of protection	IP65
Pollution degree	3

**Dimensions**



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

Certifications

cULus

EAC

ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnector