



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 45
	690V	A 45
AC23A		
	400V	A 45
	500V	A 25
	690V	A 25
Power dissipation per pole max	W	2.9
Rated operational power AC23A		
	400V	kW 22
	690V	kW 22
Reactive power for control of capacitors at		
Rated short time current (1s) I_{cw} (rms)	kA	0.8
Conditional short-circuit current (rms)	kA	10
Short-circuit protection with fuse	Class/A	gG63
Making capacity AC23A 400V	A	450
Breaking capacity AC23A 400V	A	360
Mechanical life	cycles	100000
Electrical life AC21A	cycles	15000

Mechanical features

Terminals

type	Pillar
width	mm 5.6
height	mm 6.5
screw	M4
tool	Phillips 2

Tightening torque for terminals

min	Nm	1.8
max	Nm	2
min	lbin	16
max	lbin	18

Conductor section

IEC min	mm ²	0.75
IEC max	mm ²	16
AWG/kcmil min		18

AWG/kcmil max kcmil 6

UL technical data

UL Standard	UL60947-4-1		
General purpose current rating	A	60	
Horsepower/FLA current three phase motor	240V	HP/A	15/42
	480V	HP/A	30/40
	600V	HP/A	30/32
Short circuit rating	kA rms	5	
Short circuit rating with fuse	Class/A	RK5/45	

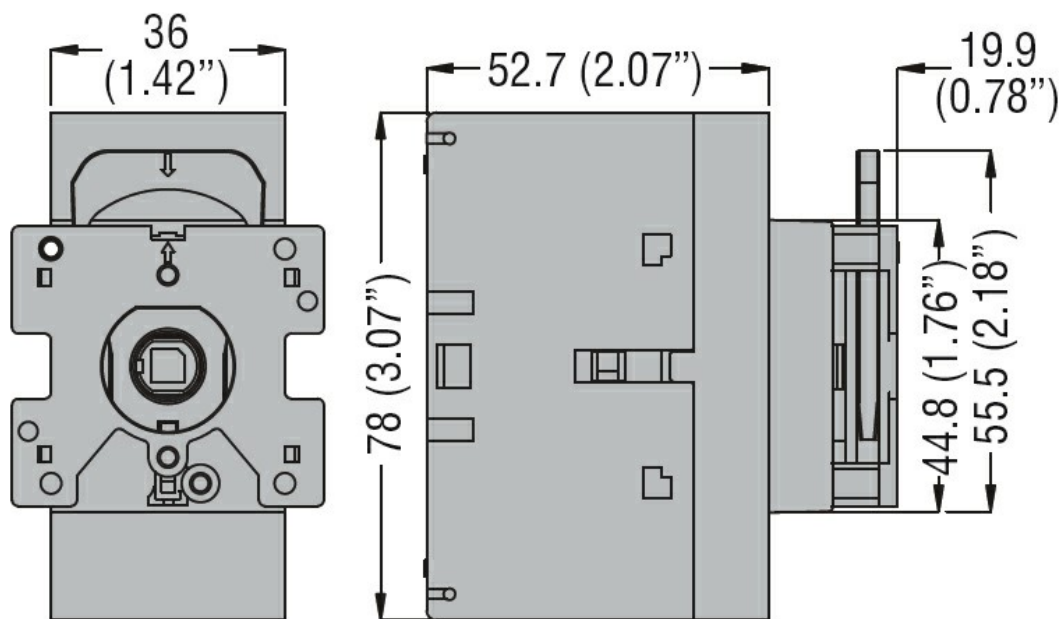
Ambient conditions

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

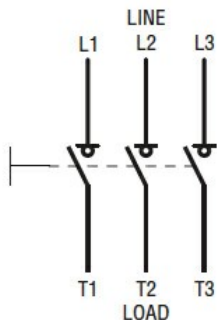
Resistance & Protection

Frontal IP degree	IP20		
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Dimensions



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n°60947-4-1

IEC/EN 60335-2-89

IEC/EN 60947-1

IEC/EN 60947-3

UL60947-4-1

Certifications

CSA C22.2 n. 60335-2-40:22 LZGH A2L

CSA C22.2 No. 60335-2-89:21 LZGH A2L

UL 60335-2-40 LZGH A2L

UL 60335-2-89 LZGH A2L

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter