



Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$	A	80
Rated insulation voltage U_i IEC/EN	V	1000
Rated impulse withstand voltage U_{imp}	kV	8
Operating current I_e		
AC21A		
	400V	A 30000
	500V	A 30000
	690V	A 30000
AC22A		
	400V	A 30000
	500V	A 30000
	690V	A 30000
AC23A		
	400V	A 30000
	500V	A 30000
	690V	A 30000
Power dissipation per pole max	W	2.6
Rated operational power AC23A		
	400V	kW 30000
	690V	kW 30000
Reactive power for control of capacitors at		
Rated short time current (1s) I_{cw} (rms)	kA	2.5
Conditional short-circuit current (rms)	kA	30000
Short-circuit protection with fuse	Class/A	30000
Making capacity AC23A 400V	A	1250
Breaking capacity AC23A 400V	A	1000
Mechanical life	cycles	+70
Electrical life AC21A	cycles	30000

Mechanical features

Operating position	normal	+70
	allowable	+70
Fixing		+70
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 ²	4
IEC max	mm ²	70
AWG/kcmil min		12
AWG/kcmil max	kcmil	1

UL technical data

UL Standard		UL98
General purpose current rating	A	100
Operating voltage max	V	100
Horsepower/FLA current three phase motor		
	240V	HP/A 25/68
	480V	HP/A 40/52
	600V	HP/A 40/41
Short circuit rating	kA rms	50 (600V) / 100 (480V)
Short circuit rating with fuse	Class/A	J/60A / CC-J-T/max. 200A
Minimum enclosure dimensions at rated current	mm in	mm in
		150x140x110 5.9 x 5.5 x 4.3

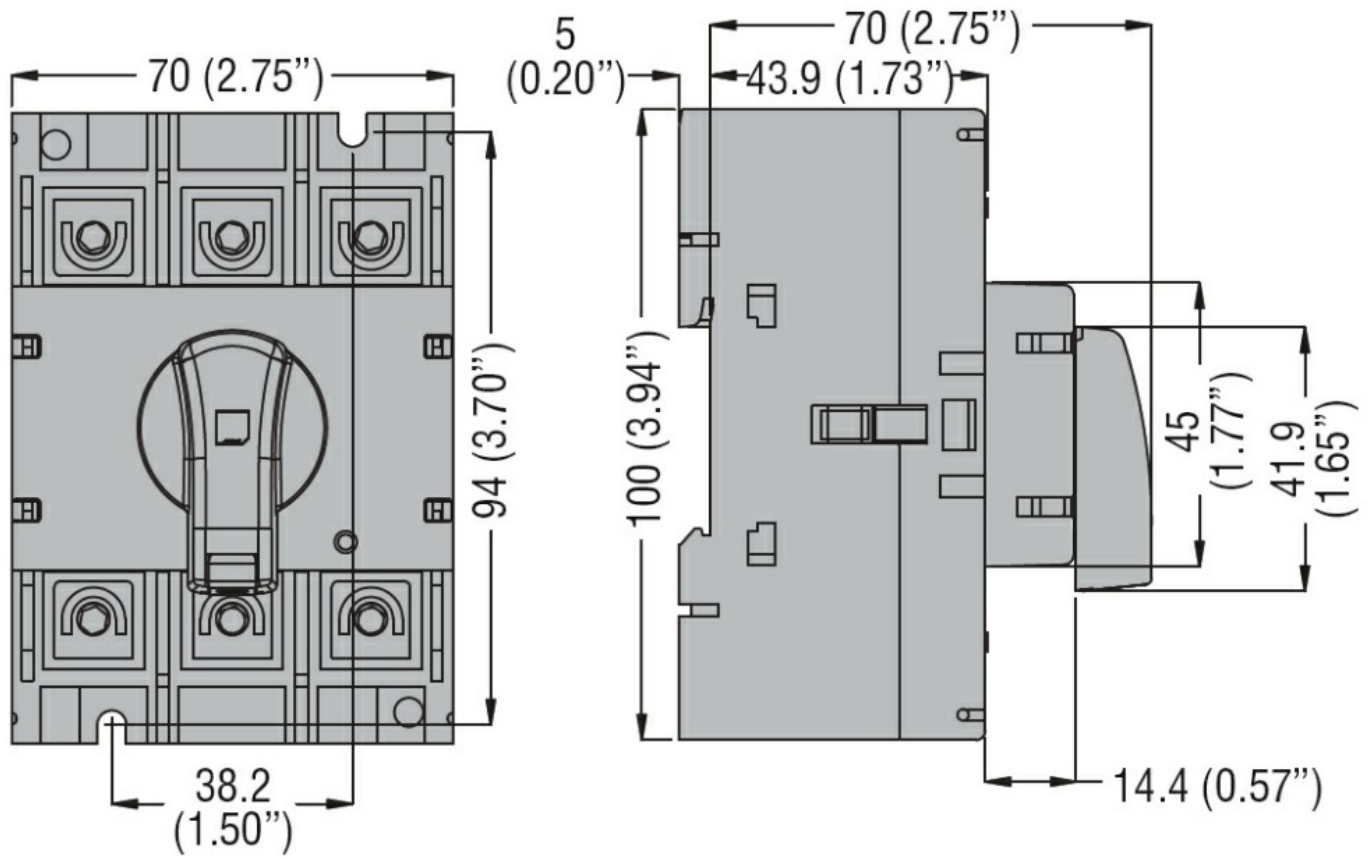
Ambient conditions

Operating temperature	min max	°C °C	54 +55
Storage temperature	min max	°C °C	+55 +70
Max altitude		m	+70

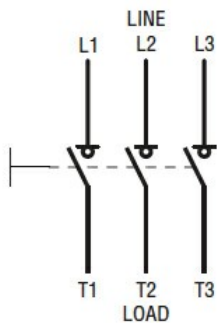
Resistance & Protection

Frontal IP degree	IP20
Pollution degree	+70

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n°4
IEC/EN 60335-2-89
IEC/EN 60947-1
IEC/EN 60947-3
UL98

Certifications

CCC
CSA C22.2 n. 60335-2-40:22 LZGH A2L
CSA C22.2 n°4
CSA C22.2 No. 60335-2-89:21 LZGH A2L
cULus according to UL98
EAC
UL 60335-2-40 LZGH A2L
UL 60335-2-89 LZGH A2L

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter