



Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$	A	160
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	12
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

Minimum enclosure dimensions at rated current

mm	mm	150x140x110
in	in	5.9 x 5.5 x 4.3

Ambient conditions

Operating temperature

min	°C	54
max	°C	+55

Storage temperature

min	°C	+55
max	°C	+70

Max altitude

m	+70
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Resistance & Protection

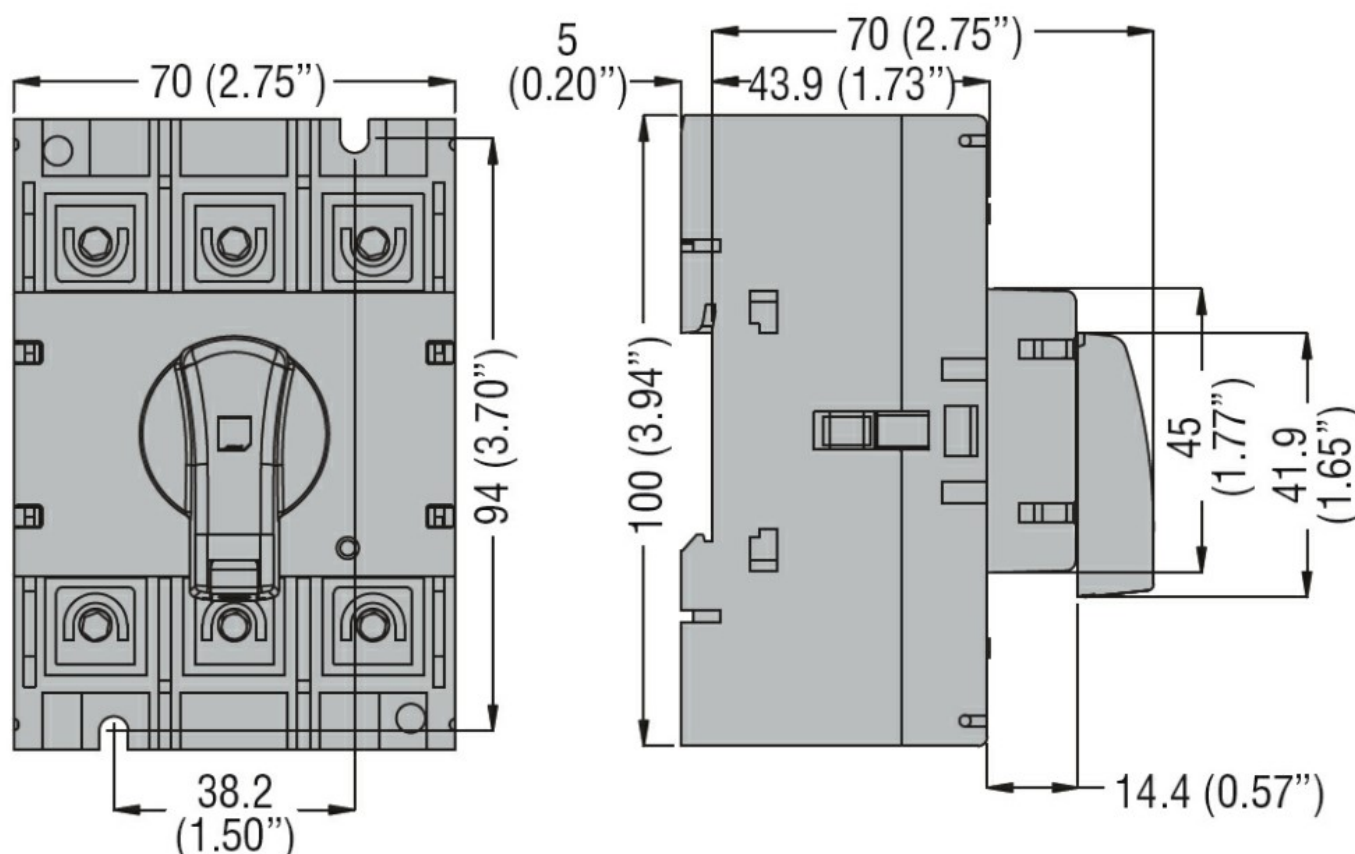
Frontal IP degree

IP20

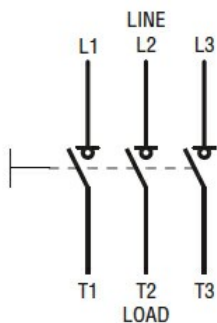
Pollution degree

+70

Dimensions



Wiring diagrams



Certifications and compliance

Compliance	IEC/EN 60947-1
	IEC/EN 60947-3
Certifications	CCC
	EAC

ETIM classification

ETIM 8.0	EC000216 - Switch disconnecter
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