



Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$	A	40
Rated insulation voltage U_i IEC/EN	V	1000
Rated impulse withstand voltage U_{imp}	kV	8
Operating current I_e		
2 poles in series DC21A	300V	A 16
3 poles in series DC21A	48V	A 40
	110V	A 35
	220V	A 32
	500V	A 12
4 poles in series DC21A	400V	A 35
	440V	A 32
	500V	A 32
	600V	A 20
	700V	A 15
	750V	A 15
	800V	A 15
Power dissipation per pole max	W	1
Reactive power for control of capacitors at		
Mechanical life	cycles	100000

Mechanical features

Operating position	normal allowable	Vertical plan Any
Fixing		Screw / DIN rail 35mm
Terminals	type width height screw tool	Pillar 5.6 6.5 M4 Phillips 2
Tightening torque for terminals	min max min max	Nm 1.8 Nm 2 lbin 16 lbin 18
Conductor section	IEC min IEC max AWG/kcmil min AWG/kcmil max	mm ² 0.75 mm ² 16 18 kcmil 6

Ambient conditions

Operating temperature

min	°C	-25
max	°C	55

Storage temperature

min	°C	-40
max	°C	70

Max altitude

m	3000
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Resistance & Protection

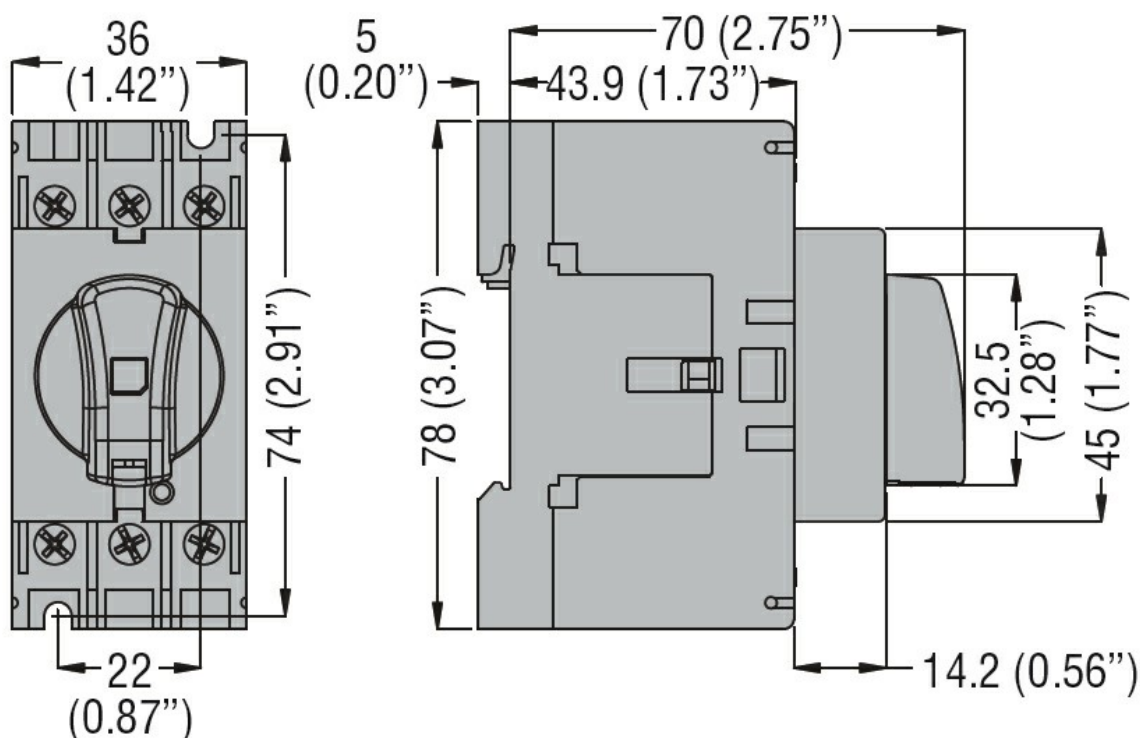
Frontal IP degree

IP20

Pollution degree

3

Dimensions



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 n°60947-4-1

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

cULus according to UL60947-4-1

EAC

UL 60335-2-40 LZGH A2L

UL 60335-2-89 LZGH A2L

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter