



Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$	A	500
Rated insulation voltage U_i IEC/EN	V	1000
Rated impulse withstand voltage U_{imp}	kV	12
Operating current I_e		
AC21A		
	400V	A 500
	500V	A 500
	690V	A 500
	1000V	A 500
AC22A		
	400V	A 500
	500V	A 500
	690V	A 500
AC23A		
	400V	A 500
	500V	A 500
	690V	A 500
	1000V	A 200
Power dissipation per pole max	W	32.6
Rated operational power AC23A		
	400V	kW 250
	690V	kW 500
Reactive power for control of capacitors at		
Rated short time current (1s) I_{cw} (rms)	kA	12.5
Rated short time current (0.3s) I_{cw} (rms)	kA	20
Conditional short-circuit current (rms)	kA	80
Short-circuit protection with fuse	Class/A	gG/500
Making capacity AC23A 400V	A	5000
Breaking capacity AC23A 400V	A	4000
Mechanical life	cycles	10000

Mechanical features

Operating position	normal allowable	Vertical plan Any
Fixing		Screw
Terminals	type	M10 x 25
Tightening torque for terminals	min	Nm 30
	max	Nm 37
	min	lbin 265
	max	lbin 327
Conductor section	IEC min	mm ² 1x185

IEC max	mm ²	2x185
AWG/kcmil min		1x400
AWG/kcmil max	kcmil	2x350

Ambient conditions

Operating temperature

min	°C	-25
max	°C	+55

Storage temperature

min	°C	-40
max	°C	+70

Max altitude

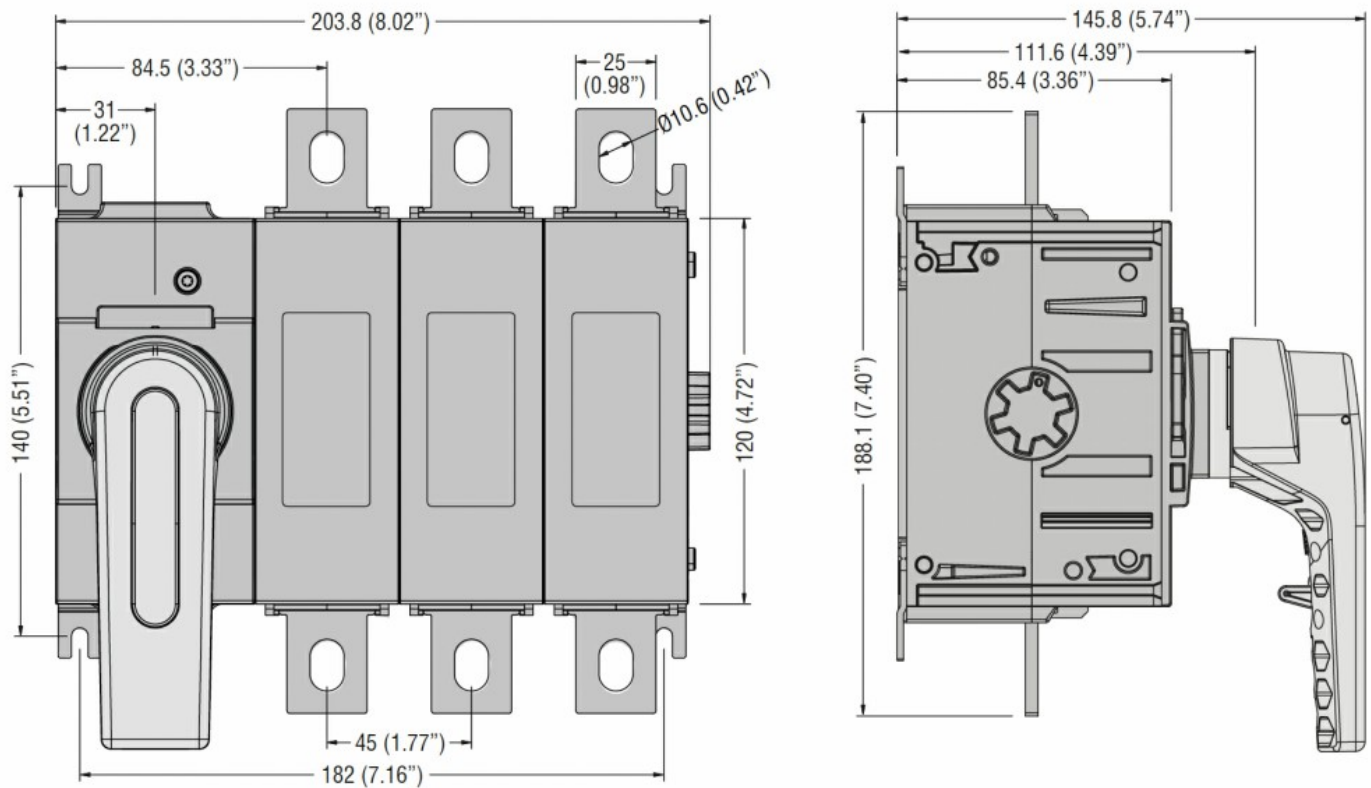
m	3000
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Resistance & Protection

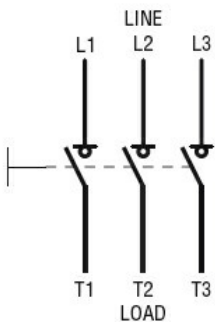
Pollution degree

3

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1
IEC/EN 60947-3

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter