



Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$	A	800
Rated insulation voltage U_i IEC/EN	V	1000
Rated impulse withstand voltage U_{imp}	kV	12
Operating current I_e		
AC21A		
	400V	A 800
	500V	A 800
	690V	A 800
	1000V	A 800
AC22A		
	400V	A 800
	500V	A 800
	690V	A 800
AC23A		
	400V	A 800
	500V	A 800
	690V	A 800
	1000V	A 400
Power dissipation per pole max	W	40
Rated operational power AC23A		
	400V	kW 400
	690V	kW 800
Reactive power for control of capacitors at		
Rated short time current (1s) I_{cw} (rms)	kA	20
Conditional short-circuit current (rms)	kA	80
Short-circuit protection with fuse	Class/A	gG/800
Making capacity AC23A 400V	A	8000
Breaking capacity AC23A 400V	A	6400
Mechanical life	cycles	5000

Mechanical features

Operating position	normal allowable	Vertical plan Any
Fixing		Screw
Terminals	type	M12 x 40
Tightening torque for terminals		
	min	Nm 50
	max	Nm 75
	min	lbin 442
	max	lbin 664
Conductor section	IEC min AWG/kcmil min	mm ² 2x240 3x300

AWG/kcmil max kcmil 4x600

Ambient conditions

Operating temperature

min	°C	-25
max	°C	+55

Storage temperature

min	°C	-40
max	°C	+70

Max altitude

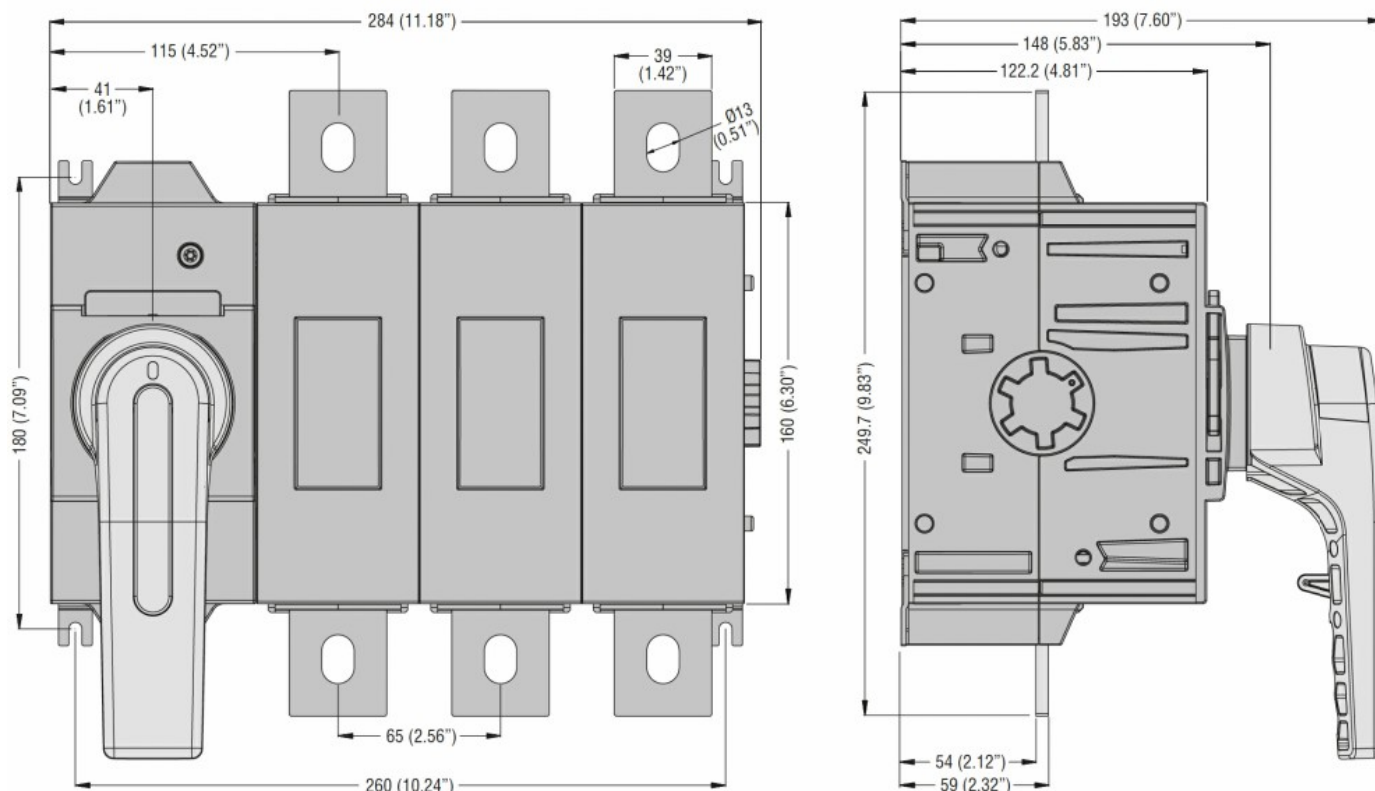
m	3000
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Resistance & Protection

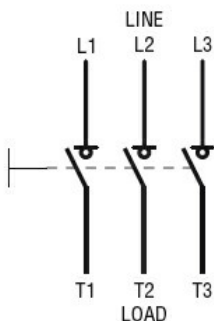
Pollution degree

3

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

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

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnector