



Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$	A	630
Rated insulation voltage U_i IEC/EN	V	1000
Rated impulse withstand voltage U_{imp}	kV	12
Operating current I_e		
AC21A		
	400V	A 630
	500V	A 630
	690V	A 630
	1000V	A 630
AC22A		
	400V	A 630
	500V	A 630
	690V	A 630
AC23A		
	400V	A 630
	500V	A 630
	690V	A 630
	1000V	A 400
Power dissipation per pole max	W	25
Rated operational power AC23A		
	400V	kW 355
	690V	kW 630
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/630
Making capacity AC23A 400V	A	6300
Breaking capacity AC23A 400V	A	5040
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	mm ² 2x185
	AWG/kcmil min	2x350

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

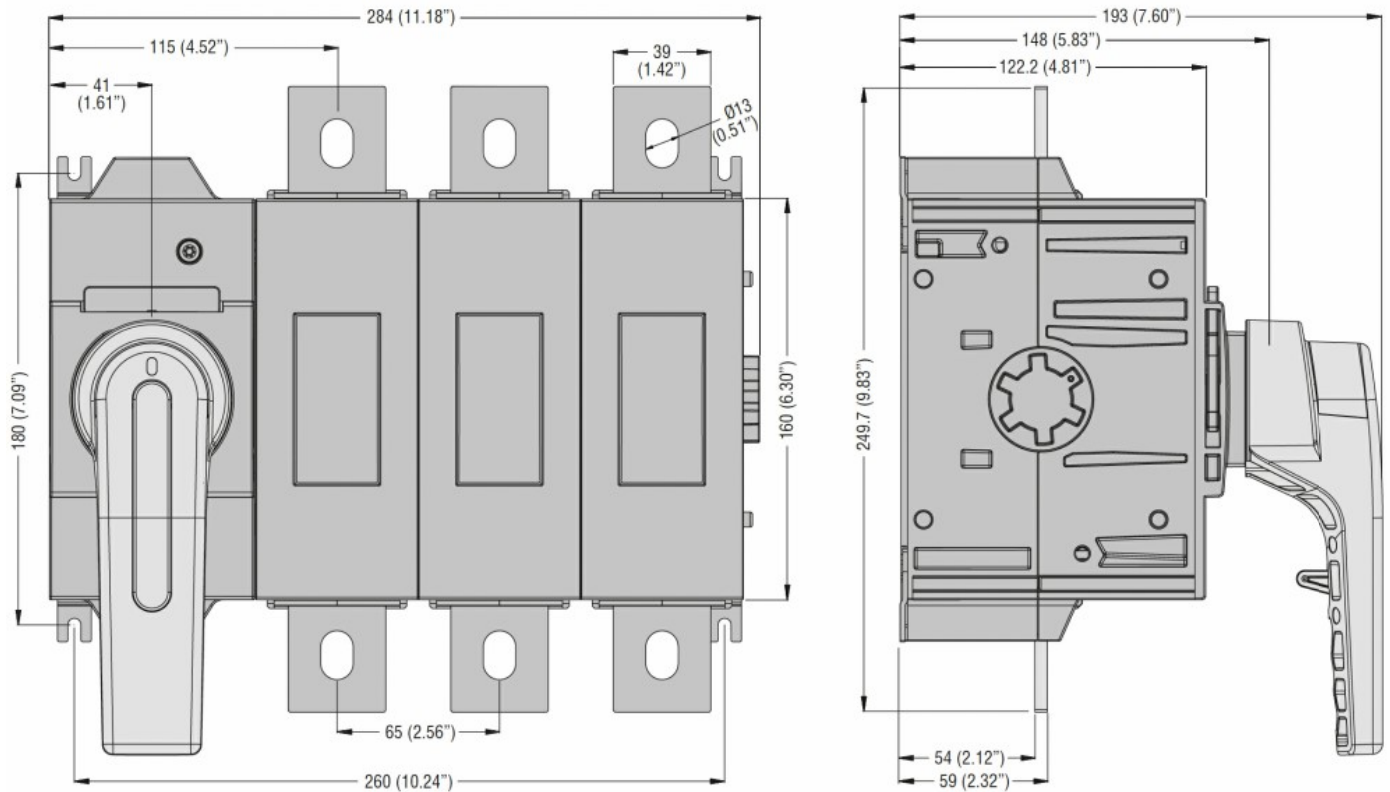
m 3000

Resistance & Protection

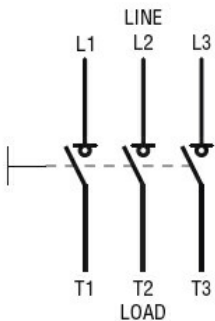
Pollution degree

3

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

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

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnector