



Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$	A	1000
Rated insulation voltage U_i IEC/EN	V	1000
Rated impulse withstand voltage U_{imp}	kV	12
Operating current I_e		
AC-31B		
	400V	A 1000
	500V	A 1000
	690V	A 1000
AC-32B		
	400V	A 1000
	500V	A 1000
	690V	A 800
AC-33B		
	400V	A 1000
	500V	A 1000
	690V	A 800
Power dissipation per pole max	W	63
Rated operational power AC23A		
	400V	kW 560
	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	50
Short-circuit protection with fuse	Class/A	gG/1000
Making capacity AC23A 400V	A	10000
Breaking capacity AC23A 400V	A	8000
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
	IEC max	mm ² 4x300
	AWG/kcmil min	2
	AWG/kcmil max	kcmil 4x600

Ambient conditions

Operating temperature

min	°C	-25
max	°C	+55

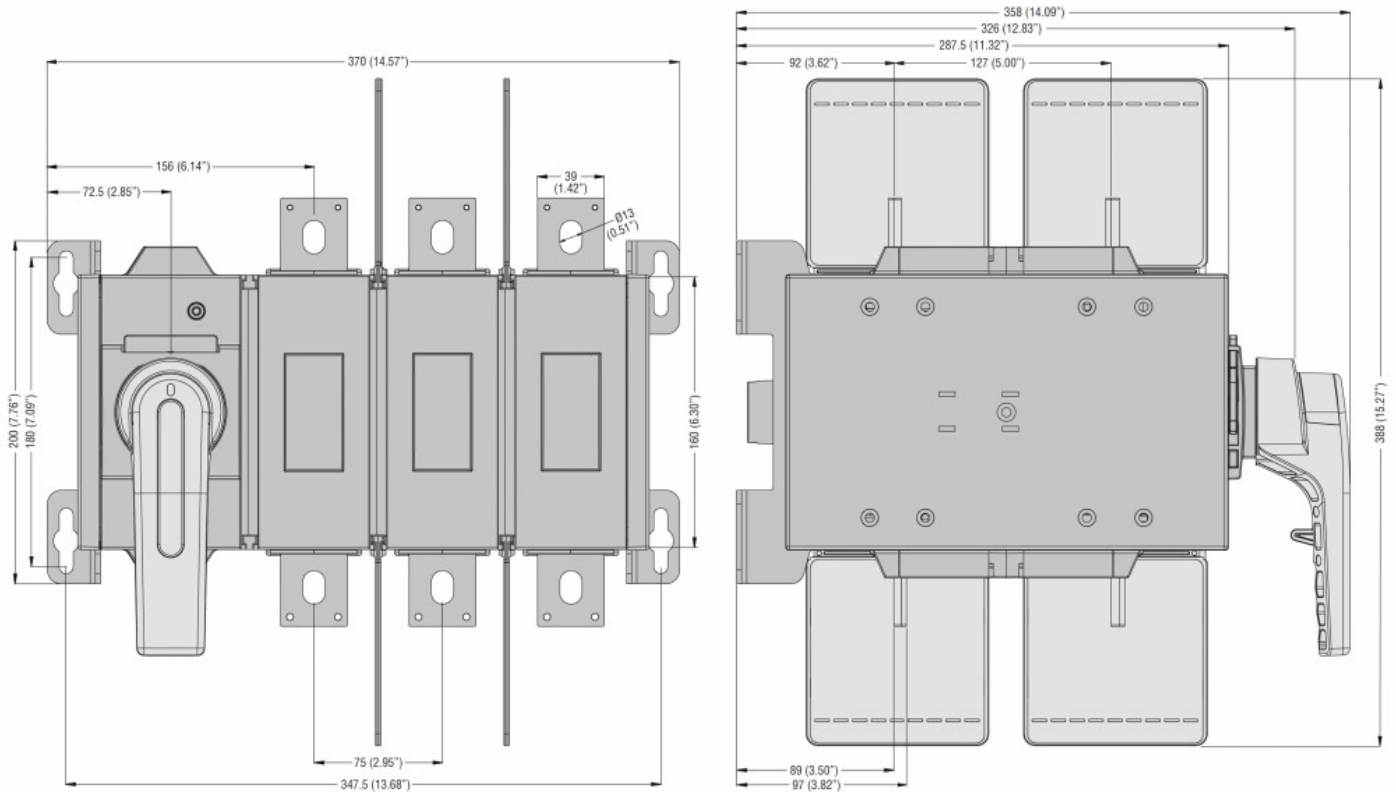
Storage temperature

min	°C	-40
max	°C	+70

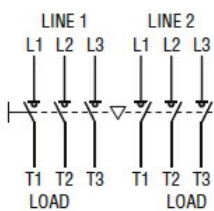
Max altitude

m	3000
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Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1
IEC/EN 60947-3
IEC/EN 60947-6-1

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter