



Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$	A	315
Rated insulation voltage U_i IEC/EN	V	1000
Rated impulse withstand voltage U_{imp}	kV	12
Operating current I_e		
AC23A	400V	A 315
AC-31B	400V	A 315
	500V	A 315
	690V	A 315
AC-32B	400V	A 315
	500V	A 315
	690V	A 315
AC-33B	400V	A 250
	500V	A 250
	690V	A 250
Power dissipation per pole max	W	6.5
Rated operational power AC23A	400V	kW 140
	690V	kW 250
Reactive power for control of capacitors at		
Rated short time current (1s) I_{cw} (rms)	kA	6
Rated short time current (0.3s) I_{cw} (rms)	kA	12
Conditional short-circuit current (rms)	kA	100
Short-circuit protection with fuse	Class/A	gG/315
Making capacity AC23A 400V	A	2500
Breaking capacity AC23A 400V	A	2000
Mechanical life	cycles	20000

Mechanical features

Operating position	normal allowable	Vertical plan Any
Fixing		Screw
Terminals	type	M8 x 20
Tightening torque for terminals	min	Nm 15
	max	Nm 22
	min	lbin 132
	max	lbin 194
Conductor section	IEC min	mm ² 1X182

IEC max	mm ²	2X185
AWG/kcmil min		1X400
AWG/kcmil max	kcmil	2X350

Ambient conditions

Operating temperature

min	°C	-25
max	°C	+55

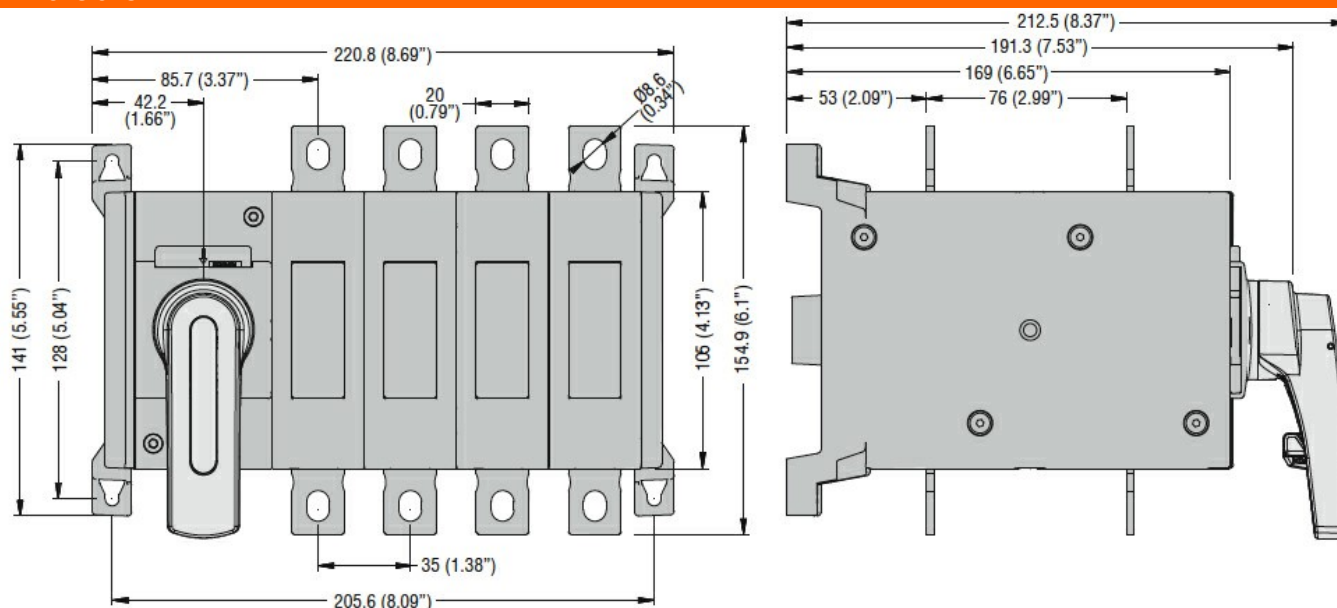
Storage temperature

min	°C	-40
max	°C	+70

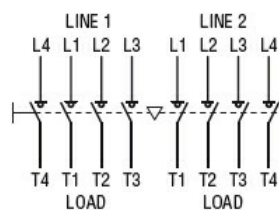
Max altitude

m 3000

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