

Contact characteristics

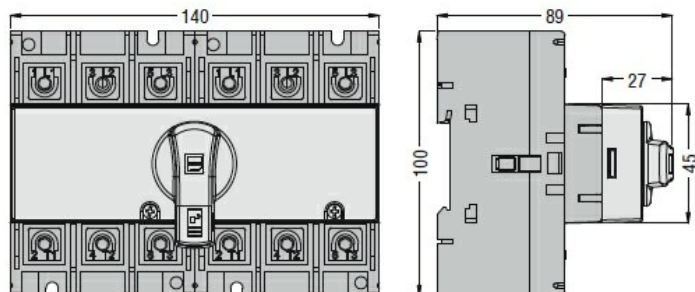
IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$	A	160
Rated insulation voltage U_i IEC/EN	V	1000
Rated impulse withstand voltage U_{imp}	kV	8
Operating current I_e		
AC21A		
	400V	A 160
	500V	A 160
	690V	A 160
AC22A		
	400V	A 160
	500V	A 125
	690V	A 125
AC23A		
	400V	A 125
	500V	A 100
	690V	A 47
Power dissipation per pole max	W	12
Rated operational power AC23A		
	400V	kW 55
	690V	kW 45
Reactive power for control of capacitors at		
Rated short time current (1s) I_{cw} (rms)	kA	2.5
Conditional short-circuit current (rms)	kA	50
Short-circuit protection with fuse	Class/A	gG160
Making capacity AC23A 400V	A	1250
Breaking capacity AC23A 400V	A	1000
Mechanical life	cycles	30000
Electrical life AC21A	cycles	1500 (AC23A 400V)

Mechanical features

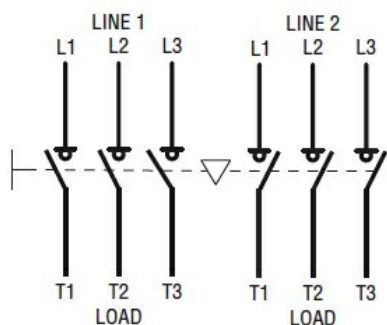
Operating position	normal allowable	Vertical plan Any
Fixing		Screw / DIN rail 35mm
Terminals	type width height screw tool	Pillar 12.4 10.4 M8 Metric Allen key 4
Tightening torque for terminals	min max	Nm 5 Nm 6

	min	lbin	45
	max	lbin	54
Conductor section			
	IEC min	mm ²	4
	IEC max	mm ²	70
	AWG/kcmil min		12
	AWG/kcmil max	kcmil	1
Weight		g	881
UL technical data			
UL Standard			UL98
Minimum enclosure dimensions at rated current			
	mm	mm	150x140x110
	in	in	5.9 x 5.5 x 4.3
Ambient conditions			
Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Max altitude		m	3000
Resistance & Protection			
Frontal IP degree			IP20
Pollution degree			3

Dimensions



Wiring diagrams



ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter