



Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$	A	63
Rated insulation voltage U_i IEC/EN	V	1000
Rated impulse withstand voltage U_{imp}	kV	8
Operating current I_e		
AC21A		
	400V	A 63
	500V	A 63
	690V	A 63
AC22A		
	400V	A 63
	500V	A 45
	690V	A 45
AC23A		
	400V	A 45
	500V	A 25
	690V	A 25
Rated operational power AC23A		
	400V	kW 22
	690V	kW 22
Reactive power for control of capacitors at		
Conditional short-circuit current (rms)	kA	10
Short-circuit protection with fuse	Class/A	gG63
Making capacity AC23A 400V	A	450
Breaking capacity AC23A 400V	A	360
Mechanical life	cycles	100000
Electrical life AC21A	cycles	15000

Mechanical features

Operating position	normal allowable	Vertical plan Any
Fixing		Screw / DIN rail 35mm
Terminals		
	type	Pillar
	width	mm 5.6
	height	mm 6.5
	screw	M4
	tool	Phillips 2
Tightening torque for terminals		
	min	Nm 1.8
	max	Nm 2
	min	lbin 16
	max	lbin 18

Conductor section

	IEC min	mm²	0.75
	IEC max	mm²	16
	AWG/kcmil min		18
	AWG/kcmil max	kcmil	6
Weight		g	302
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
Certifications and compliance			
Compliance	IEC/EN 60335-2-89		
Certifications	CSA C22.2 n. 60335-2-40:22 LZGH A2L		
	CSA C22.2 No. 60335-2-89:21 LZGH A2L		
	UL 60335-2-40 LZGH A2L		
	UL 60335-2-89 LZGH A2L		
ETIM classification			
ETIM 8.0			EC000216 - Switch disconnector