



Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$	A	2000
Rated insulation voltage U_i IEC/EN	V	1000
Rated impulse withstand voltage U_{imp}	kV	12
Operating current I_e		
AC21A		
	400V	A 2000
	500V	A 2000
	690V	A 2000
	1000V	A 1600
AC22A		
	400V	A 1600
	500V	A 1600
	690V	A 1600
AC23A		
	400V	A 1600
	500V	A 1600
	690V	A 1600
Power dissipation per pole max	W	63
Rated operational power AC23A		
	400V	kW 900
	690V	kW 1000
Reactive power for control of capacitors at		
Rated short time current (1s) I_{cw} (rms)	kA	50
Conditional short-circuit current (rms)	kA	100
Short-circuit protection with fuse	Class/A	gG/2x1000
Making capacity AC23A 400V	A	16000
Breaking capacity AC23A 400V	A	12800
Mechanical life	cycles	3000

Mechanical features

Operating position	normal allowable	Vertical plan Any
Fixing		Screw
Terminals	type	M12
Tightening torque for terminals		
	min	Nm 50
	max	Nm 75
	min	lbin 442
	max	lbin 664
Conductor section		
Busbar IEC min	mm	3 busbars 50x10

Ambient conditions

Operating temperature

		min	°C	-25
		max	°C	+55
Storage temperature				
		min	°C	-40
		max	°C	+70
Max altitude				
			m	3000
Certifications and compliance				
Compliance				
	IEC/EN/BS 60947-1			
	IEC/EN/BS 60947-3			
ETIM classification				
				EC002498 - Accessories/spar
ETIM 8.0				parts for low-voltage switch technology