



Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$	A	800
Rated insulation voltage U_i IEC/EN	V	1000
Rated impulse withstand voltage U_{imp}	kV	12
Operating current I_e		
AC21A		
	400V	A 800
	500V	A 800
	690V	A 800
	1000V	A 800
AC22A		
	400V	A 800
	500V	A 800
	690V	A 800
AC23A		
	400V	A 800
	500V	A 800
	690V	A 800
	1000V	A 400
Power dissipation per pole max	W	63
Rated operational power AC23A		
	400V	kW 400
	690V	kW 800
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/800
Making capacity AC23A 400V	A	8000
Breaking capacity AC23A 400V	A	6400
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

UL technical data

UL Standard	UL98
General purpose current rating	A 800

Operating voltage max	V		600
Horsepower/FLA current three phase motor	240V	HP/A	200/480
	480V	HP/A	500/590
	600V	HP/A	500/472
Short circuit rating	kA rms		100
Short circuit rating with fuse	Class/A		L/800
UL Terminal kit lugs	GLX510		
Minimum enclosure dimensions at rated current	mm	mm	1220x610x305
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		
Certifications	cULus		
ETIM classification			
ETIM 8.0	EC000216 - Switch disconnecter		