



Product designation	Switch disconnector		
Product type designation	GL UL		
Number of poles	Nr.	3	
Operating voltage type		AC	
Contact characteristics			
IEC Conventional free air thermal current I_{th}	A	1600	
Rated insulation voltage U_i IEC/EN	V	1000	
Rated impulse withstand voltage U_{imp}	kV	12	
Operating current I_e			
AC21A			
	400V	A	1600
	500V	A	1600
	690V	A	1600
	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
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/2x800	
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 max min max	Nm Nm lbin lbin	50 75 442 664

UL technical data

UL Standard	UL98	
General purpose current rating	A 1600	
Operating voltage max	V 600	
Horserpower/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/1600

UL Terminal kit lugs	GLX510	
Minimum enclosure dimensions at rated current		

	mm	mm	1220x610x305
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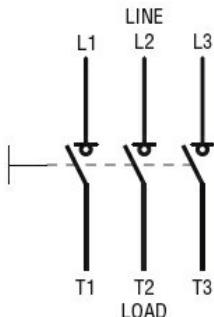
Ambient conditions

Operating temperature	min	°C	-25
	max	°C	+55

Storage temperature	min	°C	-40
	max	°C	+70

Max altitude	m	3000
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Wiring diagrams



Certifications and compliance

Compliance	IEC/EN/BS 60947-1
	IEC/EN/BS 60947-3

Certifications	cULus
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ETIM classification	EC000216 -
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ETIM 8.0	Switch disconnector
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