



Product designation			Switch disconnecter
Product type designation			GL UL
Number of poles		Nr.	4
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	Nm	50
	max	Nm	75
	min	lbin	442
	max	lbin	664

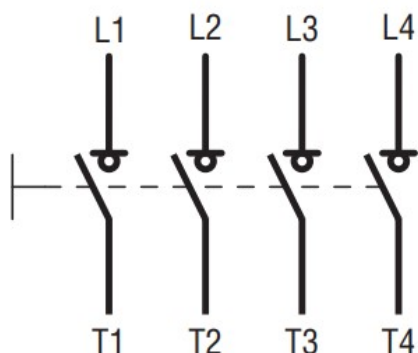
UL technical data

UL Standard			UL98
General purpose current rating	A	1600	
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/1600	
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	

Wiring diagrams



Certifications and compliance

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

ETIM classification

ETIM 8.0	EC000216 - Switch disconnect
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