GL0801T4C1UL

FOUR-POLE SWITCH DISCONNECTOR, UL98, 800A

Contact characteristics				
IEC Conventional free air thermal current Ith ≤ 40°C			A	800
Rated insulation voltage Ui IEC/EN			V	1000
Rated impulse withstand voltage Uimp			kV	12
Operating current Ie				
	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) Icw (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		Vertical plan
		allowable		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

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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 disconnector

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