GL1600C1UL

THREE-POLE SWITCH DISCONNECTOR, UL98, 1600A



Contact characteristics				
IEC Conventional free air thermal current Ith ≤ 40°C			A	1600
Rated insulation voltage Ui IEC/EN			V	1000
Rated impulse withstand voltage Uimp			kV	12
Operating current Ie				
	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
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/2x800
Making capacity AC23A 400V			A	16000
Breaking capacity AC23A 400V			A	12800
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	1600
Operating voltage max			V	600

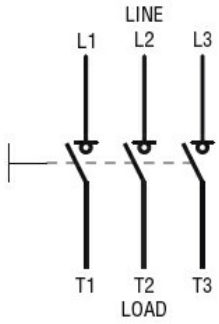
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Horsepower/FLA current three phase motor			
	240V	HP/A	200/480
	480V	HP/A	500/590
	600V	HP/A	500/472
Short circuit rating		kA rms	100
Short circuit rating with fuse		Class/A	L/1600
UL Terminal kit lugs			GLX510
Minimum enclosure dimensions at rated 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 disconnector

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