

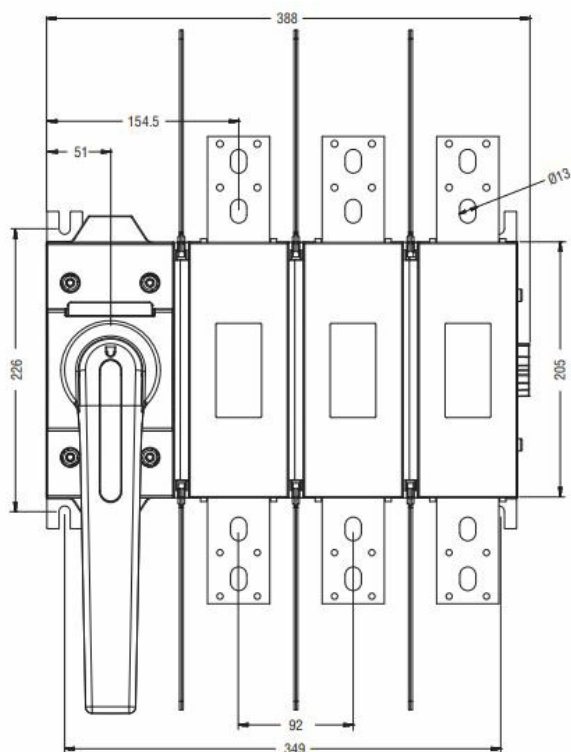


Product designation				Fourth pole
Product type designation				GLX42
Number of poles	Nr.			1
Operating voltage type				AC
Contact characteristics				
IEC Conventional free air thermal current I _{th}	A			800
Rated insulation voltage U _i IEC/EN	V			1000
Rated impulse withstand voltage U _{imp}	kV			12
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	
Power dissipation per pole max	W			63
Rated operational power AC23A				
	400V	kW	400	
	690V	kW	800	
Rated short time current (1s) I _{cs} (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

Dimensions



Certifications and compliance

Compliance

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

Certifications

cULus

ETIM classification

ETIM 8.0

EC002498 -
Accessories/spare
parts for low-
voltage switch
technology