

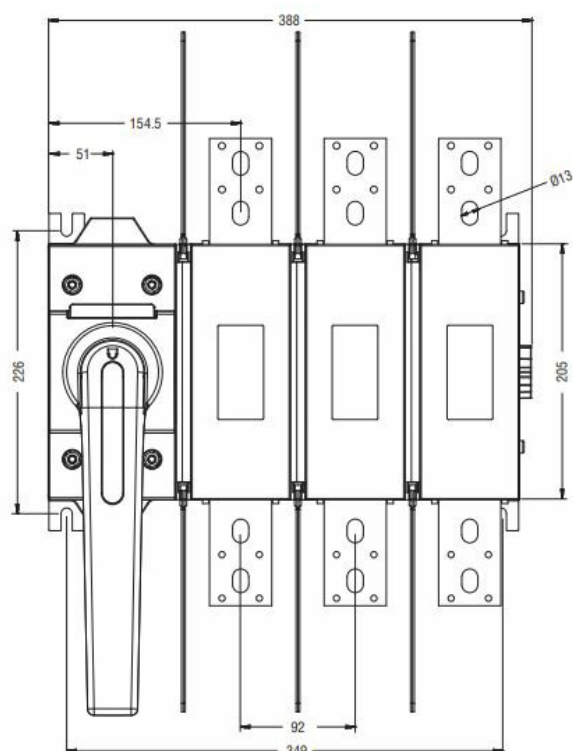


Product designation				Fourth pole
Product type designation				GLX42
Number of poles	Nr.			1
Operating voltage type				AC
Contact characteristics				
IEC Conventional free air thermal current I _{th}	A			1600
Rated insulation voltage U _i IEC/EN	V			1000
Rated impulse withstand voltage U _{imp}	kV			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

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