



Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$	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
Reactive power for control of capacitors at		
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
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Ambient conditions

Operating temperature

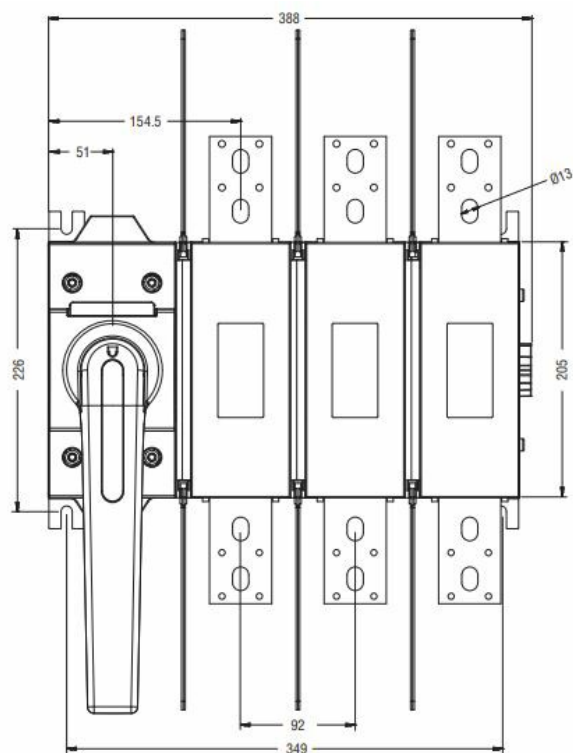
min	°C	-25
max	°C	+55

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