



### Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$	A	160
Rated insulation voltage $U_i$ IEC/EN	V	1000
Rated impulse withstand voltage $U_{imp}$	kV	12
Operating current $I_e$		
AC21A	400V	A 160
	500V	A 160
	690V	A 160
AC22A	400V	A 160
	500V	A 160
	690V	A 160
AC23A	400V	A 160
	500V	A 160
	690V	A 160
Power dissipation per pole max	W	4
Rated operational power AC23A	400V	kW 90
	690V	kW 134
Reactive power for control of capacitors at		
Rated short time current (0.3s) $I_{cw}$ (rms)	kA	0
Conditional short-circuit current (rms)	kA	100
Short-circuit protection with fuse	Class/A	gG/160
Making capacity AC23A 400V	A	1600
Breaking capacity AC23A 400V	A	1280
Mechanical life	cycles	20000

### Mechanical features

Operating position	normal allowable	Vertical plan Any
Fixing		Screw / DIN rail 35mm
Terminals	type	M8 x 25
Tightening torque for terminals	min	Nm 15
	max	Nm 22
	min	lbin 132
	max	lbin 194
Conductor section	IEC min	mm <sup>2</sup> 70
	IEC max	mm <sup>2</sup> 185
	AWG/kcmil min	00

AWG/kcmil max    kcmil    400

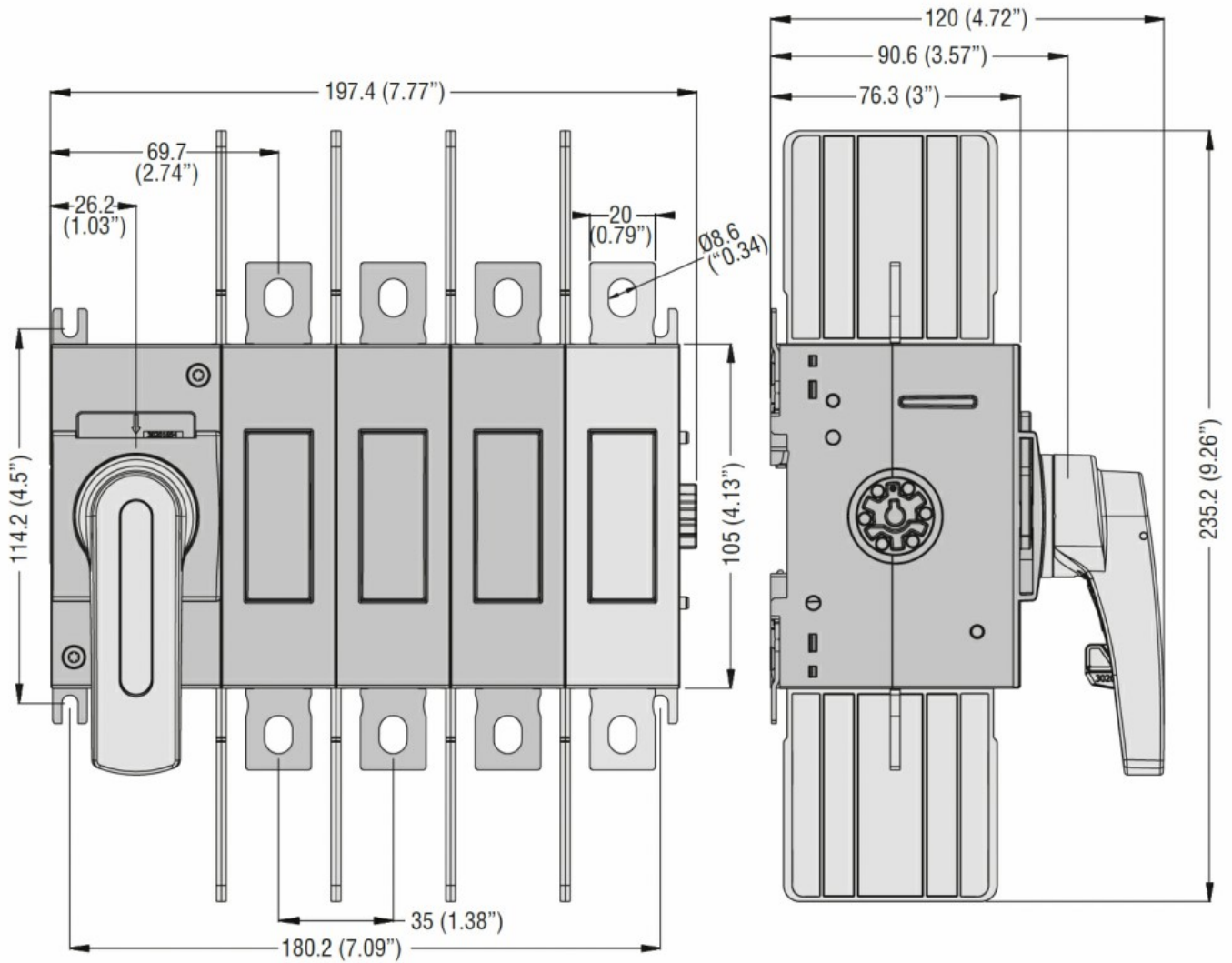
**UL technical data**

UL Standard			UL98
General purpose current rating		A	100
Operating voltage max		V	600
Horsepower/FLA current three phase motor	240V	HP/A	30/80
	480V	HP/A	75/96
	600V	HP/A	100/99
Short circuit rating		kA rms	200
Short circuit rating with fuse		Class/A	J/100
UL Terminal kit lugs			GLX500 - GLX501
Minimum enclosure dimensions at rated current	mm	mm	400 x 250 x 150
	in	in	15.8 x 9.9 x 5.9

**Ambient conditions**

Operating temperature	min	°C	-25
	max	°C	+55
Storage temperature	min	°C	-40
	max	°C	+70
Max altitude		m	3000

**Dimensions**



**Wiring diagrams**



**Certifications and compliance**

**Compliance**

IEC/EN 60947-1

IEC/EN 60947-3

**Certifications**

cULus

**ETIM classification**

ETIM 8.0

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