



Product designation				Fourth pole add-on
Product type designation				GLX42
Number of poles		Nr.		1
Operating voltage type				AC
<b>Contact characteristics</b>				
IEC Conventional free air thermal current I <sub>th</sub>		A		160
Rated insulation voltage U <sub>i</sub> IEC/EN		V		1000
Rated impulse withstand voltage U <sub>imp</sub>		kV		12
Operating current I <sub>e</sub>				
	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
Rated short time current (0.3s) I <sub>cw</sub> (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
<b>Mechanical features</b>				
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		400

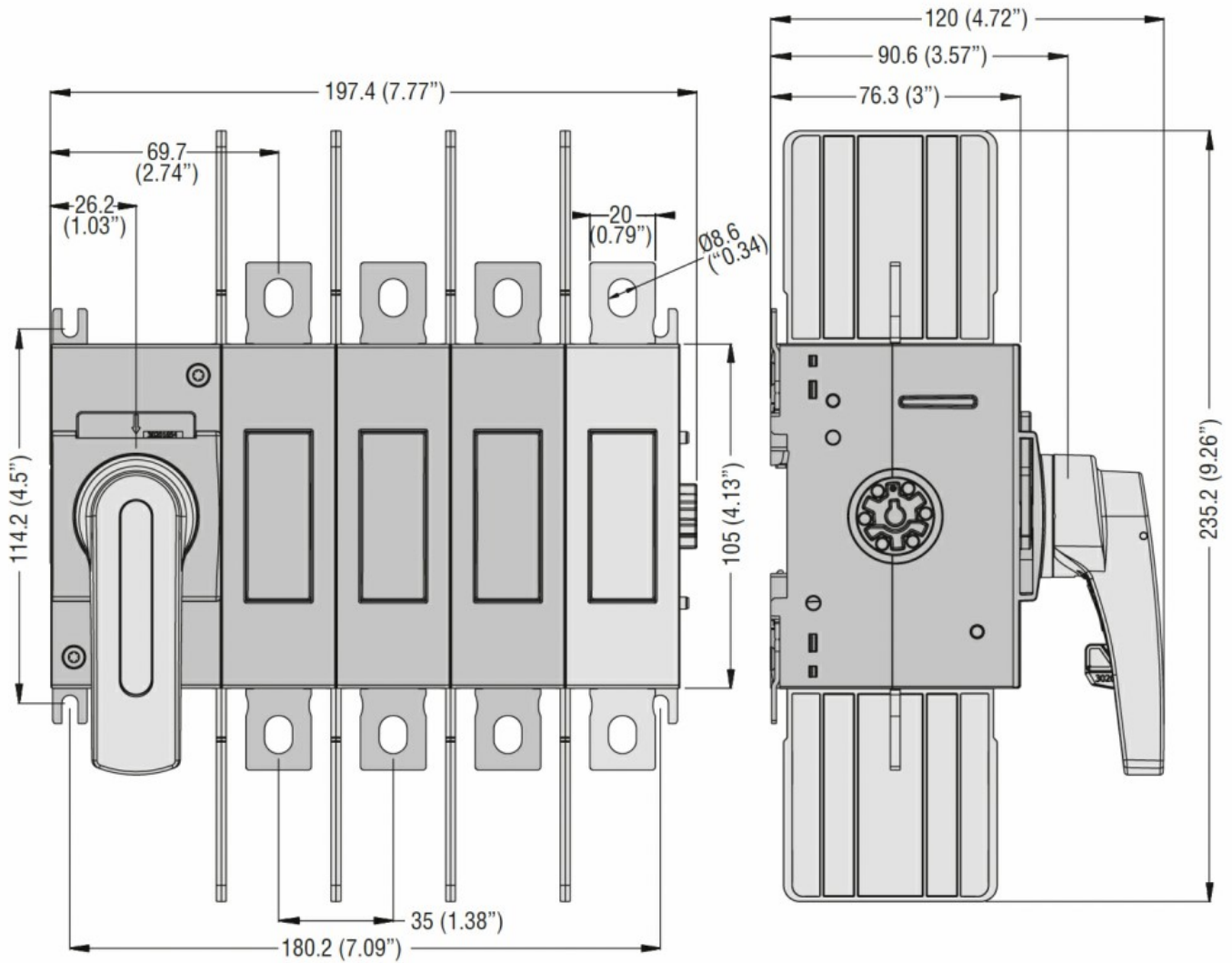
UL technical data

UL Standard			UL98
General purpose current rating		A	100
Operating voltage max		V	600
Horsepower/FLA current three phase motor			
	240V	HP	30/80
	480V	HP	75/96
	600V	HP	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