



Product designation				Fourth pole add-on
Product type designation				GLX42
Number of poles				Nr. 1
Operating voltage type				AC
Contact characteristics				
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
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

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**Conductor section**

IEC min	mm <sup>2</sup>	70
IEC max	mm <sup>2</sup>	185
AWG/kcmil min		00
AWG/kcmil max		400

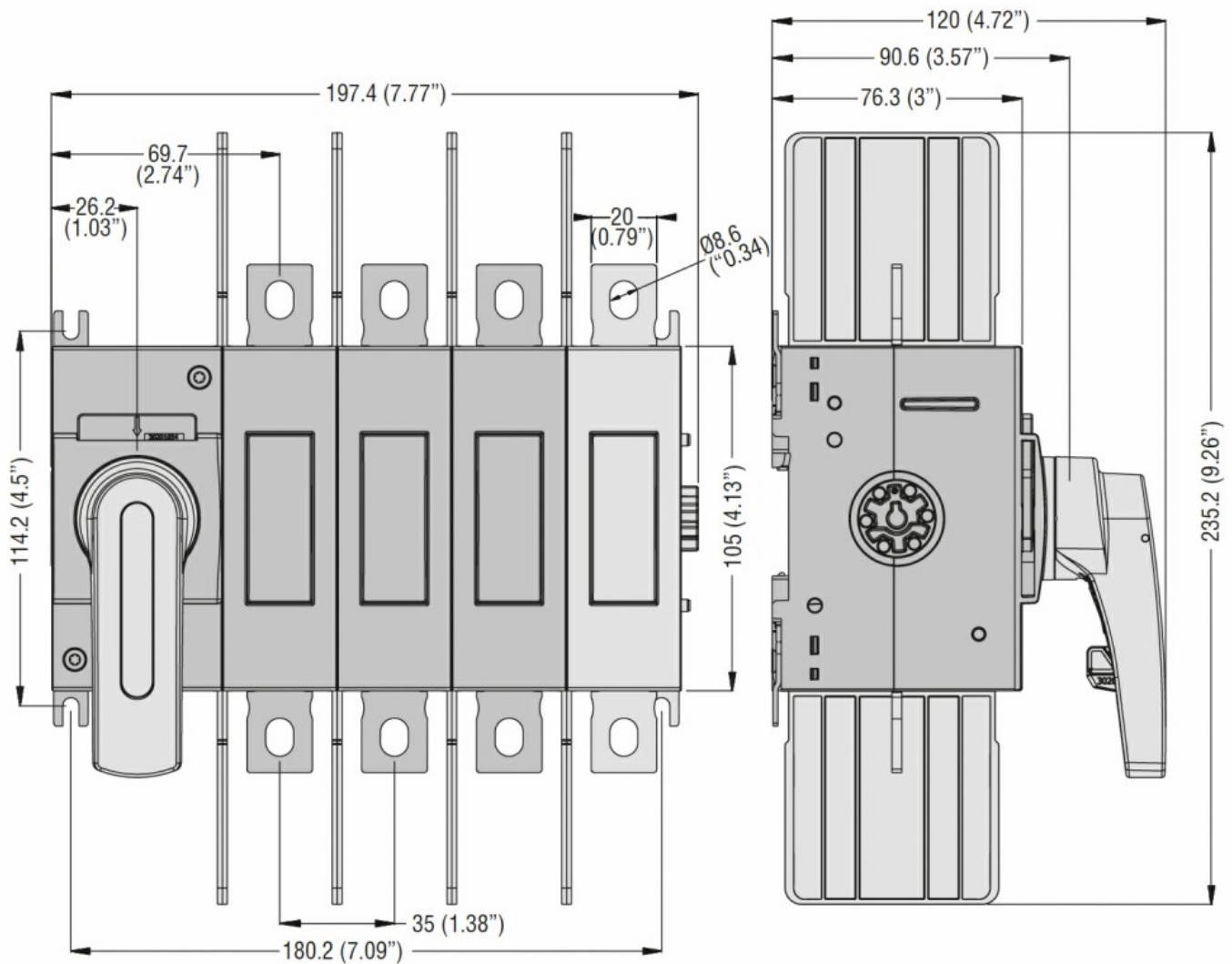
**UL technical data**

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
	in	in
		400 x 250 x 150
		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