



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 _{th}				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
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 ²	70
IEC max	mm ²	185
AWG/kcmil min		00
AWG/kcmil max		400

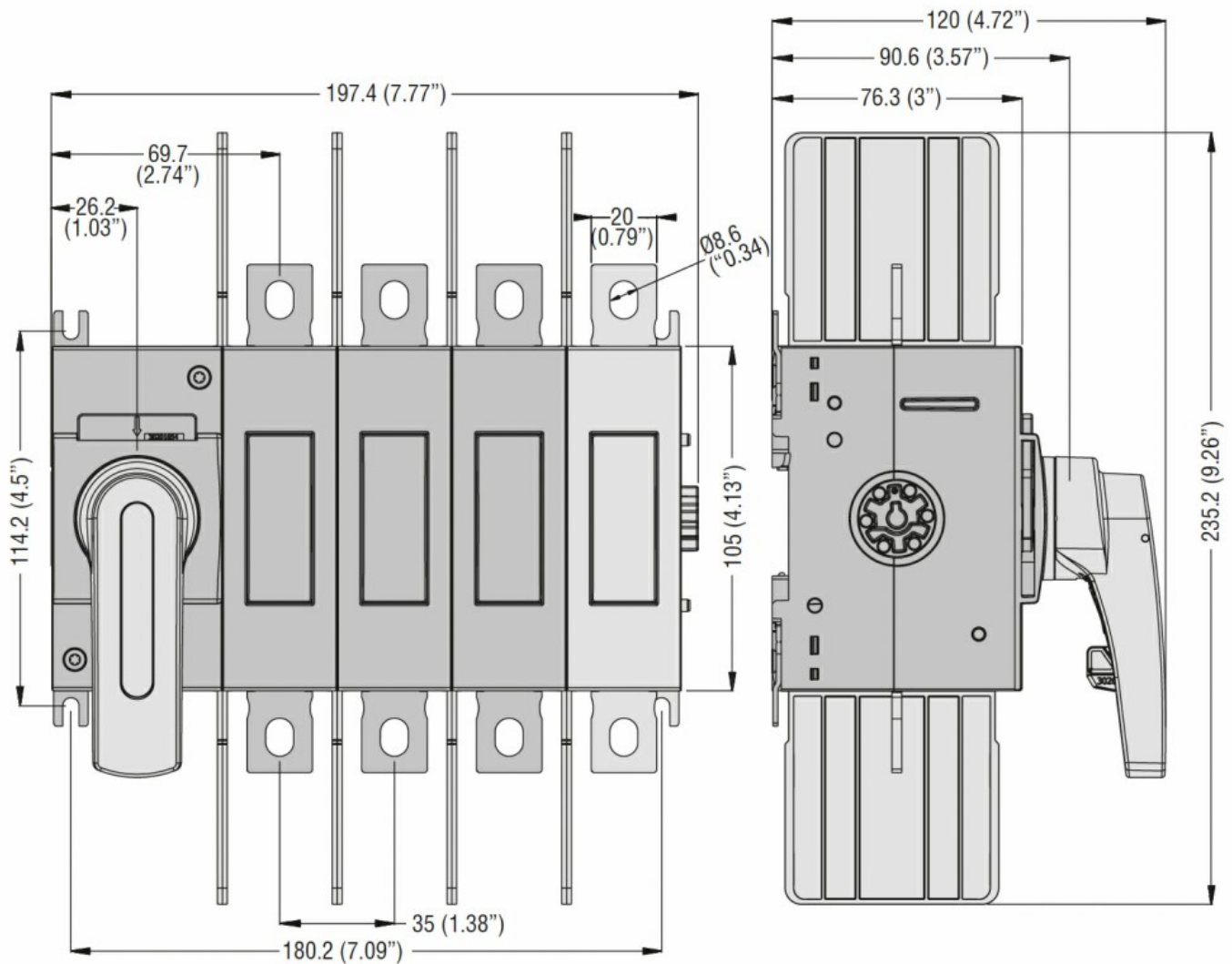
UL technical data

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