Lovato electric
ENERGY AND AUTOMATION

Product designation			Changeover Switch
Product type designation			GLC UL
Number of poles		Nr.	4
Operating voltage type			AC
Contact characteristics			
IEC Conventional free air thermal current Ith		A	400
Rated insulation voltage Ui IEC/EN		V	1000
Rated impulse withstand voltage Uimp		kV	12
Operating current Ie			
AC31B			
	400V	A	400
	500V	A	400
	690V	A	400
AC32B			
	400V	A	400
	500V	A	400
	690V	A	400
AC33B			
	400V	A	400
	500V	A	400
	690V	A	400
Power dissipation per pole max		W	26.0
Rated operational power AC23A			
	400V	kW	200
	690V	kW	400
Rated short time current (1s) Icw (rms)		kA	12.5
Rated short time current (0.3s) Icw (rms)		kA	20
Conditional short-circuit current (rms)		kA	80
Short-circuit protection with fuse		Class/A	J/400
Making capacity AC23A 400V		A	4000
Breaking capacity AC23A 400V		A	3200
Mechanical life		cycles	10000
Mechanical features			
Operating position			
	normal		Vertical plan
	allowable		Any
Fixing			Screw
Terminals			
	type		M10 x 25
Tightening torque for terminals			
	min	Nm	30
	max	Nm	37
	min	Ibin	265
	max	Ibin	327

Conductor section

IEC min	mm²		1X182
IEC max	mm²		2X185
AWG/kcmil min			1X400
AWG/kcmil max			2X350

UL technical data

UL Standard			UL1008
General purpose current rating		A	400
Operating voltage max		V	600

Horsepower/FLA current three phase motor

240V	HP		125/312
480V	HP		250/302
600V	HP		350/336

Short circuit rating		kA rms	100
Short circuit rating with fuse		Class/A	J/400
UL Terminal kit lugs			GLX502-GLX503

Minimum enclosure dimensions at rated current

	mm	mm	950 x 350 x 260
	in	in	37.4 x 13.8 x 10.4

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

Lovato electric
ENERGY AND AUTOMATION
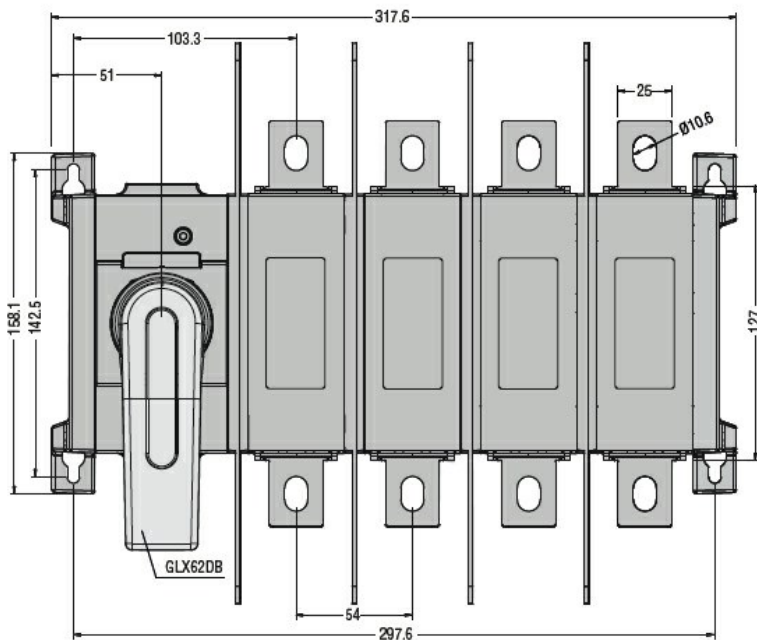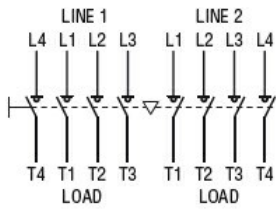
Certifications and compliance

Compliance

	IEC/EN 60947-1
	IEC/EN 60947-3
	IEC/EN 60947-6-1

Certifications

cULus

ETIM classification

ETIM 8.0

EC000216 - Switch disconnector