GLC0200T4C1UL

Lovato electric
ENERGY AND AUTOMATION

FOUR-POLE CHANGEOVER SWITCH, UL1008, 200A

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	200
Rated insulation voltage Ui IEC/EN		V	1000
Rated impulse withstand voltage Uimp		kV	12
Operating current Ie			
AC-31B			
	400V	A	200
	500V	A	200
	690V	A	200
AC-32B			
	400V	A	200
	500V	A	200
	690V	A	200
AC-33B			
	400V	A	200
	500V	A	200
	690V	A	200
Power dissipation per pole max		W	4
Rated operational power AC23A			
	400V	kW	110
	690V	kW	200
Rated short time current (1s) Icw (rms)		kA	6
Rated short time current (0.3s) Icw (rms)		kA	12
Conditional short-circuit current (rms)		kA	100
Short-circuit protection with fuse		Class/A	J/200
Making capacity AC23A 400V		A	2000
Breaking capacity AC23A 400V		A	1600
Mechanical life		cycles	20000
Mechanical features			
Operating position			
	normal		Vertical plan
	allowable		Any
Fixing			Screw
Terminals			
	type		M8 x 20
Tightening torque for terminals			
	min	Nm	15
	max	Nm	22
	min	Ibin	132
	max	Ibin	194

Conductor section

IEC min	mm²	70
IEC max	mm²	85
AWG/kcmil min		00
AWG/kcmil max		400

UL technical data

UL Standard		UL1008
General purpose current rating	A	200
Operating voltage max	V	600

Horsepower/FLA current three phase motor

240V	HP	75/192
480V	HP	150/180
600V	HP	200/192

Short circuit rating	kA rms	200
Short circuit rating with fuse	Class/A	J/200
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
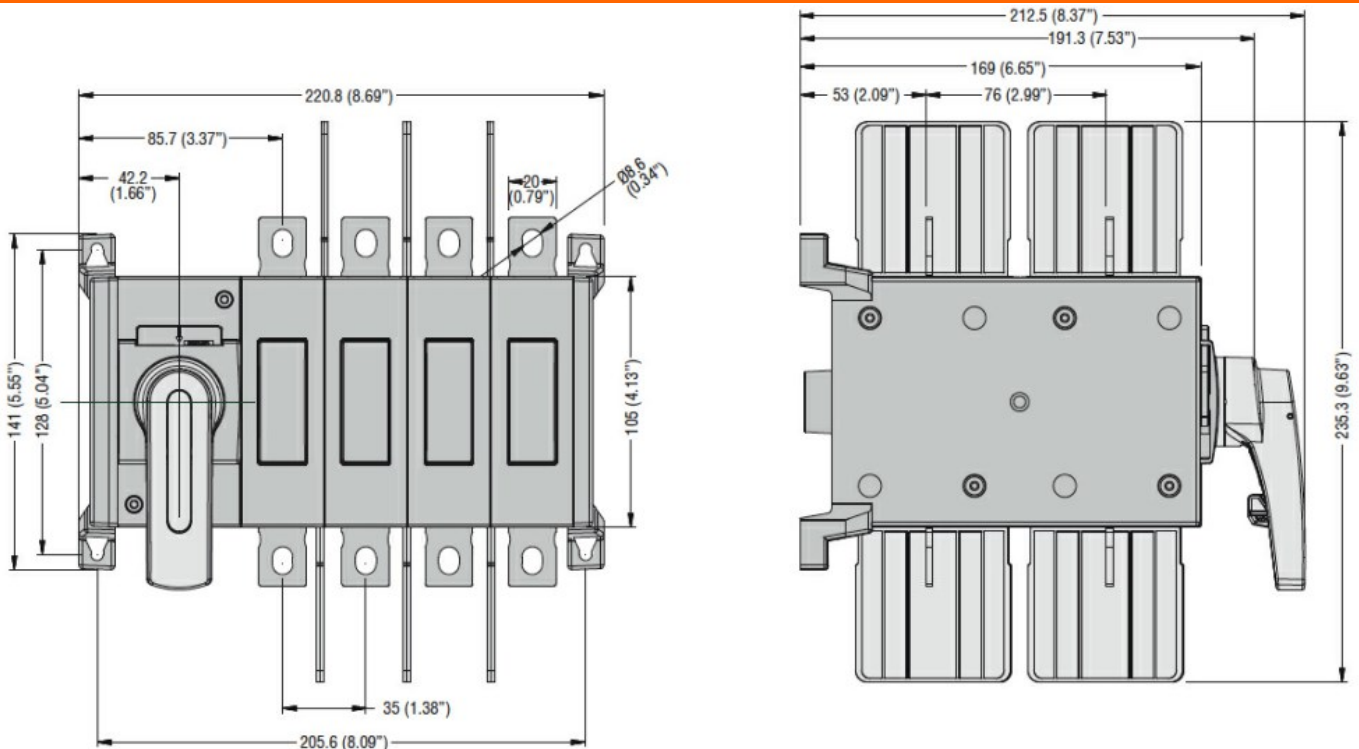
Wiring diagrams
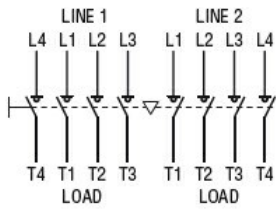
Certifications and compliance

Compliance

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

Certifications

	cULus

ETIM classification

ETIM 8.0	EC000216 - Switch disconnector