Lovato electric
ENERGY AND AUTOMATION

GLC0315T4C1

Four-pole changeover switch, IEC/EN, 315A



Product designation				Changeover Switch
Product type designation				GLC
Number of poles			Nr.	4
Operating voltage type				AC
Contact characteristics				
IEC Conventional free air thermal current Ith			A	315
Rated insulation voltage Ui IEC/EN			V	1000
Rated impulse withstand voltage Uimp			kV	12
Operating current Ie				
	AC23A			
		400V	A	315
	AC31B			
		400V	A	315
		500V	A	315
		690V	A	315
	AC32B			
		400V	A	315
		500V	A	315
		690V	A	315
	AC33B			
		400V	A	250
		500V	A	250
		690V	A	250
Power dissipation per pole max			W	6.5
Rated operational power AC23A				
		400V	kW	140
		690V	kW	250
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	gG/315
Making capacity AC23A 400V			A	2500
Breaking capacity AC23A 400V			A	2000
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

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	min	Ibin	132
	max	Ibin	194

Conductor section

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

Ambient conditions

Operating temperature

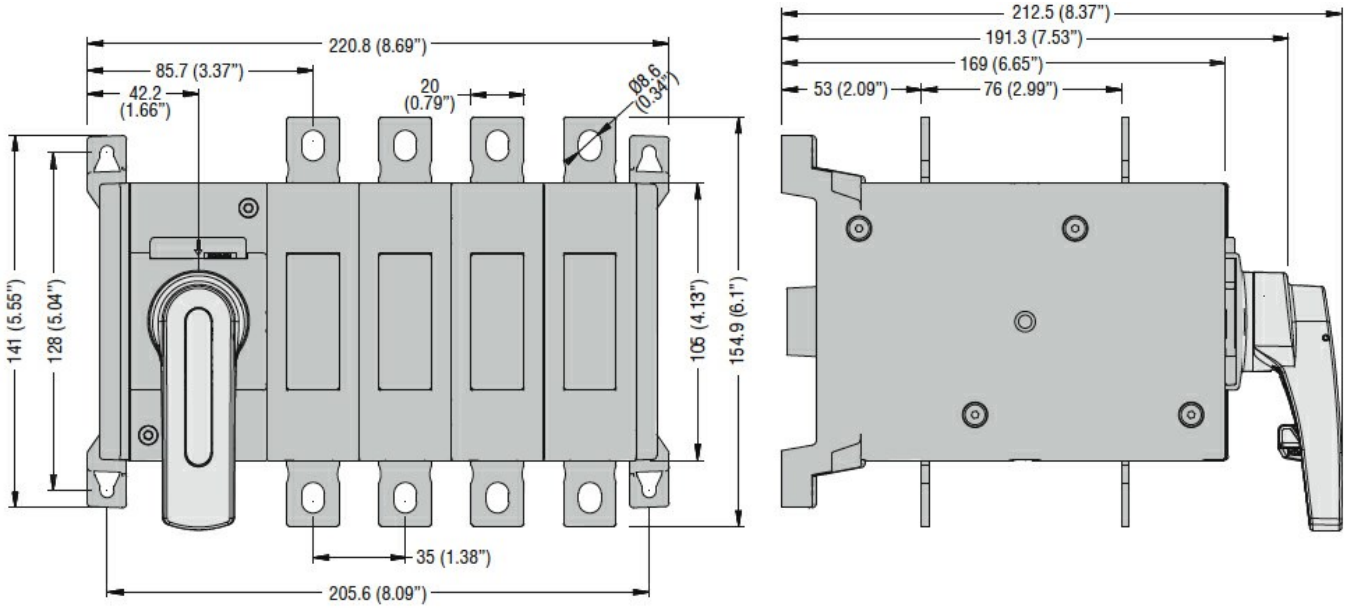
min	°C	-25
max	°C	+55

Storage temperature

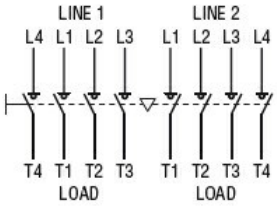
min	°C	-40
max	°C	+70

Max altitude	m	3000

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

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

ETIM classification

ETIM 8.0	EC000216 - Switch disconnector

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