GLC0160T4C1

FOUR-POLE CHANGEOVER SWITCH, IEC/EN, 160A

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	160
Rated insulation voltage Ui IEC/EN			V	1000
Rated impulse withstand voltage Uimp			kV	12
Operating current Ie				
	AC-31B			
		400V	A	160
		500V	A	160
		690V	A	160
	AC-32B			
		400V	A	160
		500V	A	160
		690V	A	160
	AC-33B			
		400V	A	160
		500V	A	160
		690V	A	160
Power dissipation per pole max			W	3.2
Rated operational power AC23A				
		400V	kW	90
		690V	kW	144
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/160
Making capacity AC23A 400V			A	1600
Breaking capacity AC23A 400V			A	1280
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	lbin	132
		max	lbin	194

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Conductor section

IEC min	mm²	70
IEC max	mm²	185
AWG/kcmil min		00
AWG/kcmil max	kcmil	400

Ambient conditions

Operating temperature

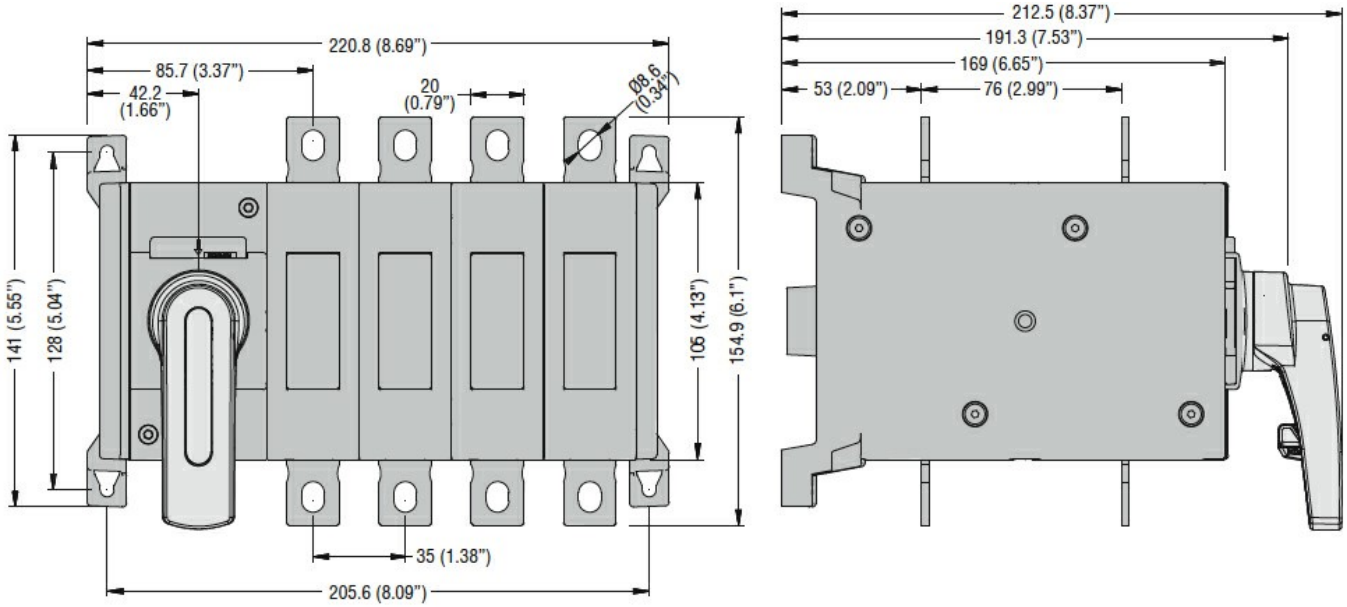
min	°C	-25
max	°C	+55

Storage temperature

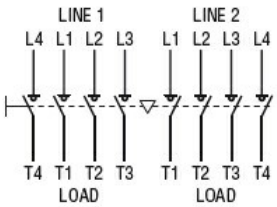
min	°C	-40
max	°C	+70

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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