GLC0500T4C1

Four-pole changeover switch, IEC/EN, 500A



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	500
Rated insulation voltage Ui IEC/EN			V	1000
Rated impulse withstand voltage Uimp			kV	12
Operating current Ie				
	AC31B			
		400V	A	500
		500V	A	500
		690V	A	500
	AC32B			
		400V	A	500
		500V	A	500
		690V	A	500
	AC33B			
		400V	A	500
		500V	A	500
		690V	A	500
Power dissipation per pole max			W	32.5
Rated operational power AC23A				
		400V	kW	250
		690V	kW	500
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	gG/500
Making capacity AC23A 400V			A	5000
Breaking capacity AC23A 400V			A	4000
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	lbin	265
		max	lbin	327

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

GLC0500T4C1

Four-pole changeover switch, IEC/EN, 500A

Conductor section

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

Ambient conditions

Operating temperature

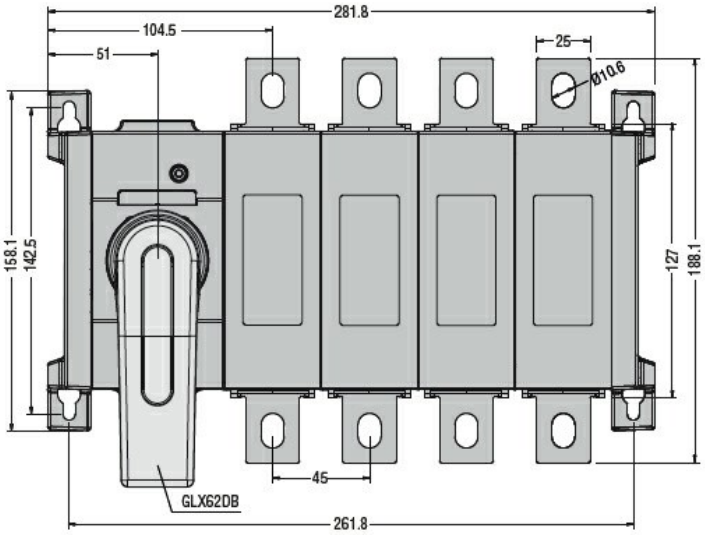
min	°C	-25
max	°C	+55

Storage temperature

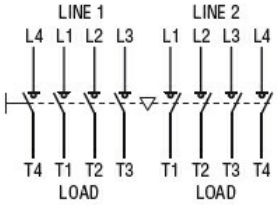
min	°C	-40
max	°C	+70

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

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding