GLCMB0630E110

MOTORISED THREE-POLE CHANGEOVER SWITCH IEC/EN/BS, 110…125VAC/DC, 630A



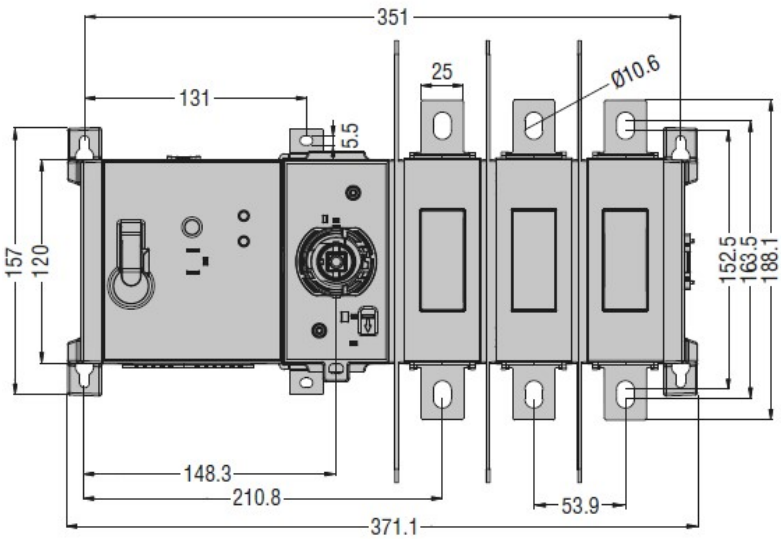
Contact characteristics				
IEC Conventional free air thermal current Ith ≤ 40°C			A	631
Rated insulation voltage Ui IEC/EN			V	1000
Rated impulse withstand voltage Uimp			kV	12
Operating current Ie				
	AC21A			
		400V	A	631
		500V	A	631
		690V	A	631
	AC22A			
		400V	A	400
		500V	A	400
		690V	A	400
	AC23A			
		400V	A	400
		500V	A	400
		690V	A	400
	AC-31B			
		400V	A	631
	AC-32B			
		400V	A	400
	AC-33B			
		400V	A	400
Power dissipation per pole max			W	41.0
Rated operational power AC23A				
		400V	kW	355
		690V	kW	400
Reactive power for control of capacitors at				
Conditional short-circuit current (rms)			kA	80-50
Short-circuit protection with fuse			Class/A	gG/630-gG/800
Making capacity AC23A 400V			A	6300
Breaking capacity AC23A 400V			A	5040
Mechanical life			cycles	8000
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

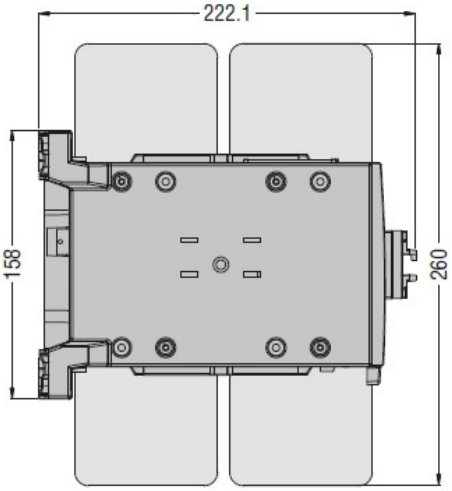
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

GLCMB0630E110

MOTORISED THREE-POLE CHANGEOVER SWITCH IEC/EN/BS, 110…125VAC/DC, 630A

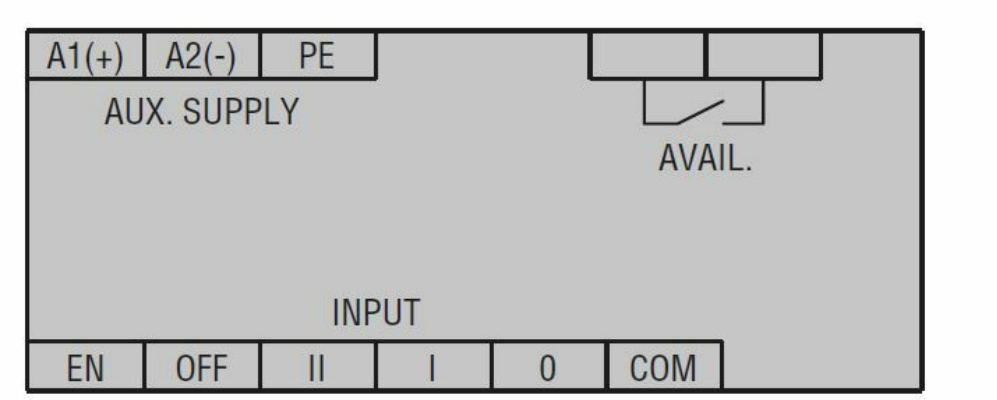
Conductor section			
	IEC min	mm²	1x185
	IEC max	mm²	2x240
	AWG/kcmil min		1x400
	AWG/kcmil max	kcmil	2x400
Weight		g	10700
Motor data			
Rated operational voltage		V	110… 125VAC/DC
Operating voltage range			77…165VAC/DC
Operating time			
	I-O, O-I	s	0.45…0.83
	I-O-II, II-O-I	s	1.13…1.58
Rated current (In)		A	0.75…1.08
In-rush current		A	4.50…7.50
Switching rate			
	Max continuous Cycles/min		1
	Short time Cycles/min		10
Terminal blocks data			
Conductor section			
	IEC min	mm²	0.2
	IEC max	mm²	2.5
	AWG/kcmil min		24
	AWG/kcmil max		14
Maximum cable lenght		m / ft	100 / 328
Ambient conditions			
Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Max altitude		m	3000
Resistance & Protection			
Pollution degree			3
Dimensions			





Wiring diagrams

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



Certifications and compliance

Compliance

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

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