GLCMB0315E110

MOTORISED THREE-POLE CHANGEOVER SWITCH IEC/EN/BS, 110…125VAC/DC, 315A

Contact characteristics				
IEC Conventional free air thermal current Ith ≤ 40°C			A	315
Rated insulation voltage Ui IEC/EN			V	1000
Rated impulse withstand voltage Uimp			kV	12
Operating current Ie				
	AC21A			
		400V	A	315
		500V	A	315
		690V	A	315
	AC22A			
		400V	A	315
		500V	A	250
		690V	A	250
	AC23A			
		400V	A	315
		500V	A	250
		690V	A	250
	AC-31B			
		400V	A	315
		500V	A	315
		690V	A	315
	AC-32B			
		400V	A	315
		500V	A	250
		690V	A	250
	AC-33B			
		400V	A	315
		500V	A	250
		690V	A	250
Power dissipation per pole max			W	6.5
Rated operational power AC23A				
		400V	kW	140
		690V	kW	250
Reactive power for control of capacitors at				
Conditional short-circuit current (rms)			kA	100
Short-circuit protection with fuse			Class/A	gG/315
Making capacity AC23A 400V			A	3150
Breaking capacity AC23A 400V			A	2520
Mechanical life			cycles	20000
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		Any
Fixing				Screw
Terminals				

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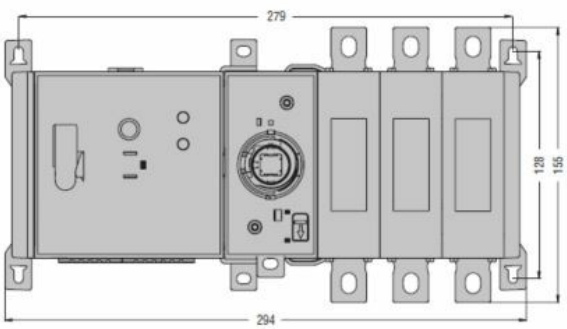
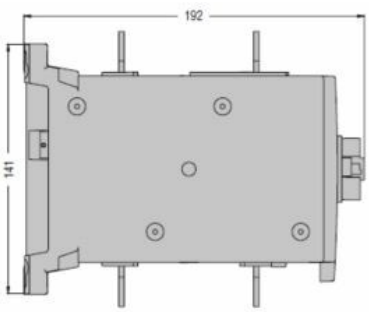
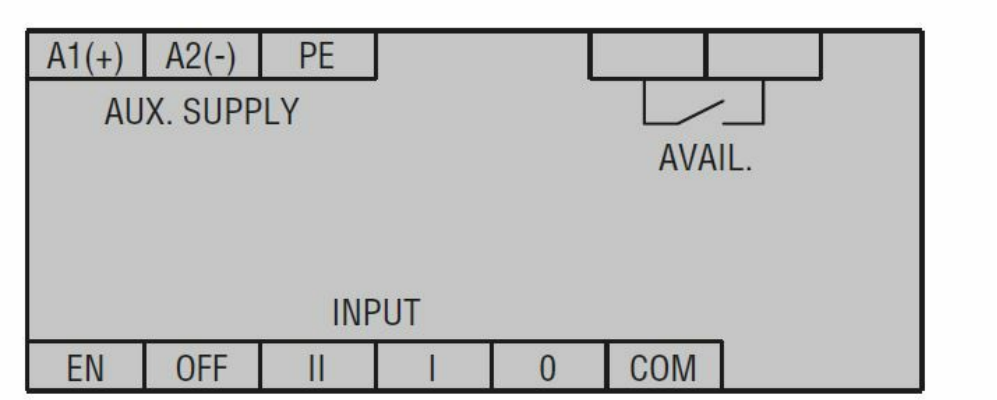
	type		M8 x 25
Tightening torque for terminals			
	min	Nm	15
	max	Nm	20
	min	lbin	132
	max	lbin	177
Conductor section			
	IEC min	mm²	70
	IEC max	mm²	185
	AWG/kcmil min		00
	AWG/kcmil max	kcmil	400
Weight		g	6350
Motor data			
Rated operational voltage		V	110… 125VAC/DC
Operating voltage range			77…165VAC/DC
Operating time			
	I-O, O-I	s	0.55…0.89
	I-O-II, II-O-I	s	1.6…2.4
Rated current (In)		A	0.72…0.88
In-rush current		A	1.8…2.2
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



Certifications and compliance

Compliance

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