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MOTORISED THREE-POLE CHANGEOVER SWITCH IEC/EN/BS, 208…277VAC, 630A



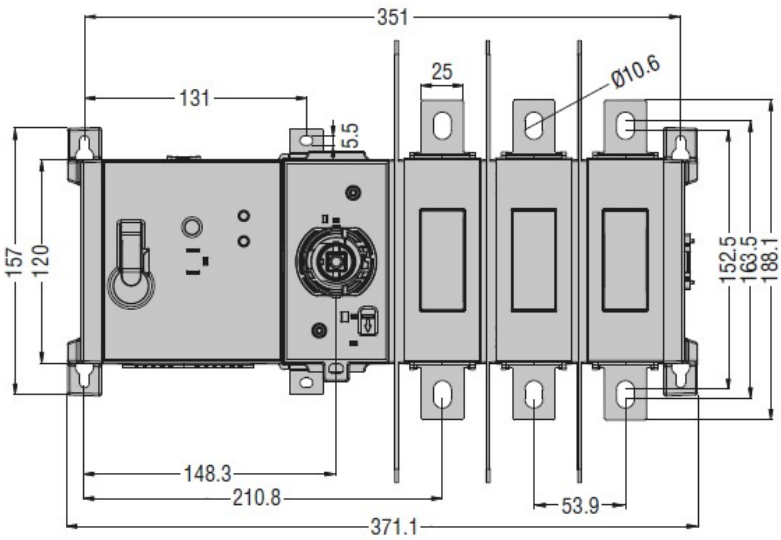
Contact characteristics				
IEC Conventional free air thermal current Ith ≤ 40°C			A	631
Rated insulation voltage Ui IEC/EN			V	1000
Rated impulse withstand voltage Uimp			kV	12
Operating current Ie				
	AC21A			
		400V	A	631
		500V	A	631
		690V	A	631
	AC22A			
		400V	A	400
		500V	A	400
		690V	A	400
	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

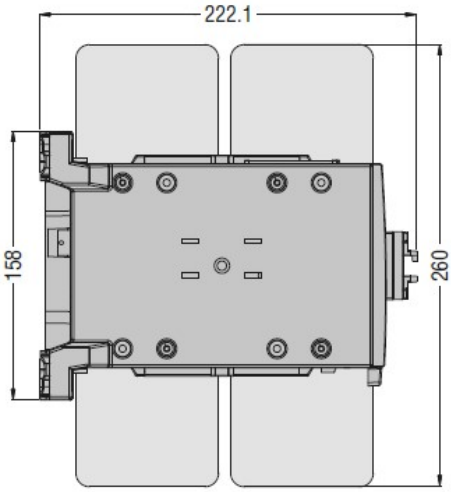
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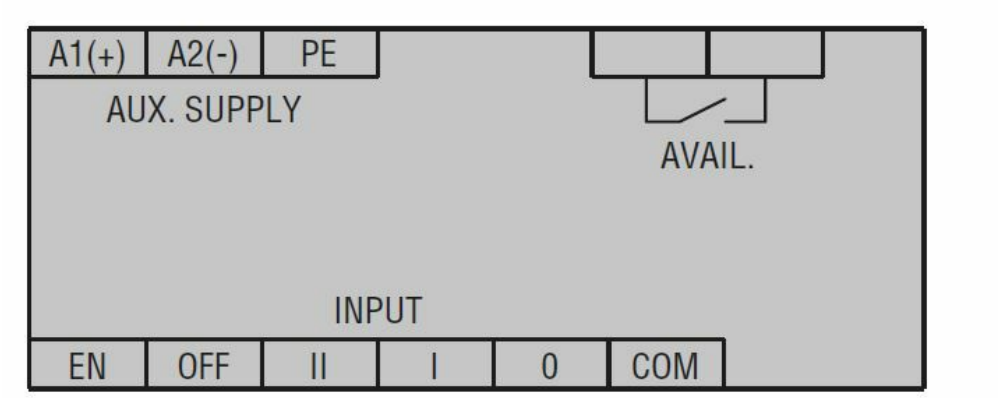
Conductor section			
	IEC min	mm²	1x185
	IEC max	mm²	2x240
	AWG/kcmil min		1x400
	AWG/kcmil max	kcmil	2x400
Weight		g	10700
Motor data			
Rated operational voltage		V	208…277VAC
Operating voltage range			166…332VAC
Operating time			
	I-O, O-I	s	0.45…0.83
	I-O-II, II-O-I	s	1.08…1.54
Rated current (In)		A	0.35…0.50
In-rush current		A	1.60…2.70
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

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Certifications and compliance

Compliance

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

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