



### Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$	A	250
Rated insulation voltage $U_i$ IEC/EN	V	1000
Rated impulse withstand voltage $U_{imp}$	kV	12
Operating current $I_e$		
AC21A	400V	A 250
	500V	A 250
	690V	A 250
AC22A	400V	A 250
	500V	A 250
	690V	A 250
AC23A	400V	A 250
	500V	A 250
	690V	A 250
AC-31B	400V	A 250
	500V	A 250
	690V	A 250
AC-32B	400V	A 250
	500V	A 250
	690V	A 250
AC-33B	400V	A 250
	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/250
Making capacity AC23A 400V	A	2500
Breaking capacity AC23A 400V	A	2000
Mechanical life	cycles	20000

### Mechanical features

Operating position	normal allowable	Vertical plan Any
Fixing		Screw
Terminals		

Tightening torque for terminals	type	M8 x 25	
	min	Nm	15
	max	Nm	20
	min	lbin	132
Conductor section	max	lbin	177
	IEC min	mm <sup>2</sup>	70
	IEC max	mm <sup>2</sup>	185
	AWG/kcmil min		00
Weight	AWG/kcmil max	kcmil	400
		g	7130
<b>Motor data</b>			
Rated operational voltage		V	208...277VAC
Operating voltage range			166...332VAC
Operating time	I-O, O-I	s	0.55...0.89
	I-O-II, II-O-I	s	1.0...1.4
Rated current (I <sub>n</sub> )		A	0.36...0.44
In-rush current		A	0.9...1.1
Switching rate			Max continuous Cycles/min 1
			Short time Cycles/min 10

**Terminal blocks data**

Conductor section	IEC min	mm <sup>2</sup>	0.2
	IEC max	mm <sup>2</sup>	2.5
	AWG/kcmil min		24
	AWG/kcmil max		14
Maximum cable length		m / ft	100 / 328

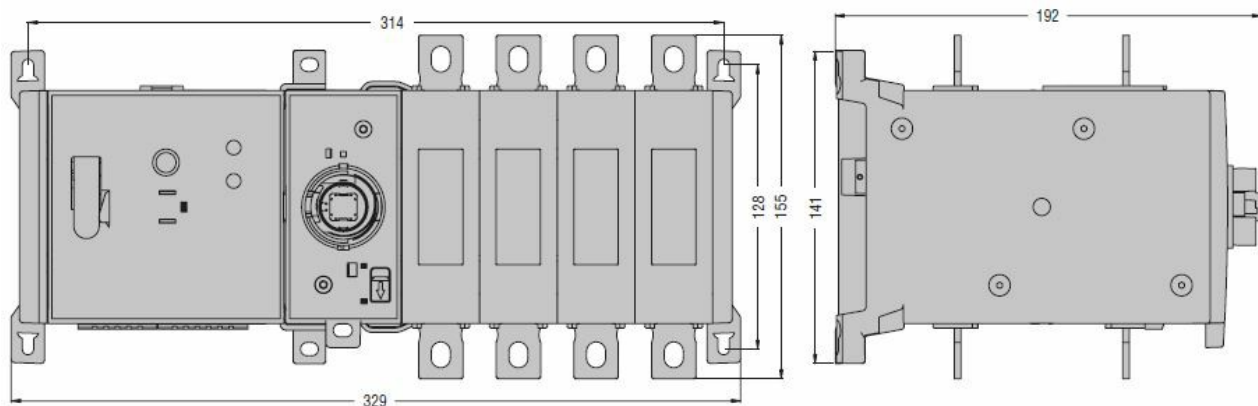
**Ambient conditions**

Operating temperature	min	°C	-25
	max	°C	+55
Storage temperature	min	°C	-40
	max	°C	+70
Max altitude		m	3000

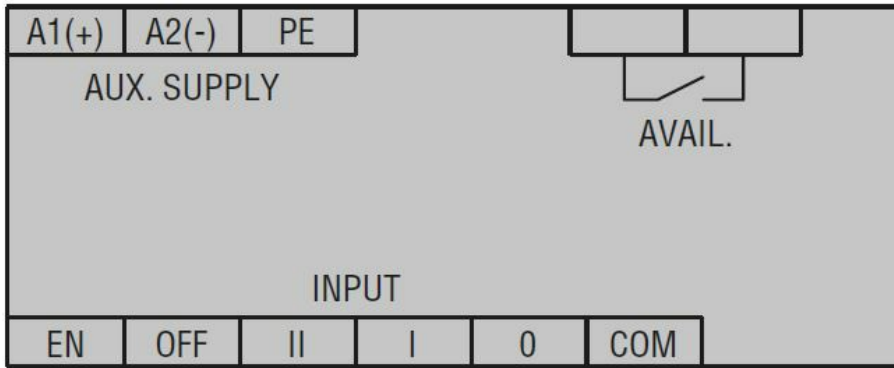
**Resistance & Protection**

Pollution degree			3
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**Dimensions**



Wiring diagrams



Certifications and compliance

Compliance

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