

ADXNP00624 SOFT STARTER, ADXNP... TYPE, ADVANCED VERSION, WITH INTEGRATED BY-PASS RELAY. AUXILIARY SUPPLY 24VAC/DC. RATED OPERATIONAL VOLTAGE 208...600VAC, 6A



Product designation				Soft starter
Product designation				advanced
Product type designation				ADXNP
Motor type				Asynchronous three phase
Electrical features				
Supplies voltage				
		Type of system		Three phase
		Rated supply voltage	V	208600VAC
		auxiliary supply voltage (Us)		24VAC/DC
		Rated frequency	Hz	50/60
Rated starter current le			А	6
Rated motor power				
	IEC ratings (T≤40°C)	0001/4.0	1.147	
		230VAC 400VAC	kW kW	1.1 2.2
		400VAC 500VAC	KW	3
	UL ratings (T≤40°C)	500VAC	IXVV	5
		220-240VAC	HP	1.5
		380-415VAC	HP	2
		440-480VAC	HP	3
		550-600VAC	HP	5
Number of controlled	ohases		Nr.	2
Built-in bypass				Yes
Cooling System				Natural or forced (optional)
Rated insulation voltage Ui			V	600
Programming interface	9			
				Settings: starting
				voltage,
				acceleration ramp,
Potentiometer				deceleration
				ramp. Note.
				Potentiometers
				can be disabled
Diaplay				via NFC. No
Display Programming with NF0				Yes
Optical port	c technology			Yes
Startup and stop settin	ngs			
				Voltage ramp with
Startup method				current limit
Stop method				Voltage ramp or
				free-wheel stop
Acceleration ramp			S	1-20
Deceleration ramp			S	0-20

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ENERGY AND AUTOMATION

AUXILIARY SUPPLY 24VAC/DC. RATED OPERATIONAL VOLTAGE 208...600VAC, 6A

Startup voltage		%	30-80
Startup voltage Protections		%	30-80
Power supply Protection			No power line, phase loss, frequency out of limits, minimum and maximum voltage and phase sequence
Motor protection			Electronic current thermal protection (overload), locked rotor, current asymmetry, load too low, starting too long Overtemperature
Starter protection			and overcurrent
Input and Output			
Digital inputs	Number of digital input Digital input type Digital input functions	Nr.	1 Volt-free contact Motor start
Digital outputs	Number of digital output Digital output arrangement	Nr.	2 2 NO contacts with the same common, 5A
	Digital output functions		250VAC AC1 - 5A 30 VDC Programmable: line contactor (Run), TOR (Top Of Ramp), alarm, max torque
Communication interfaces			
Communication interface			NFC, optical port for the connection of USB (CX01) and Wi-Fi (CX02) devices, optional RS485 module (CX04) Modbus RTU protocol
Ambient conditions			
Temperature			
Operating temperature	min	°C	-20 +60°C (with
	max	°C	current derating >40°C)
Storage temperature			
	min max	°C °C	-30 +80

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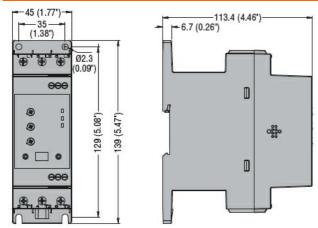
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Max altitude	m	1000 without derating of the starter current
Relative humidity	%	<80%
Pollution degree		2
Installation category		
Housing		
Mounting		Screw-fixing or 35mm DIN rail (IEC/EN/BS 60715)
IP degree of protection		IP20
Dimensions (W x H x D)	mm	45 x 139 x 113.4
Weight	Kg	0.47

Dimensions



Certifications and compliance

Compliance

Compliance		
	CSA C22.2 n° 60947-4-2	
	IEC/EN/BS 60947-1	
	IEC/EN/BS 60947-4-2	
	UL 60947-4-2	
Certificates		
	cULus	
	EAC	
	RCM (pending)	
ETIM classification		
		EC000640 Soft

ETIM 8.0

EC000640 - Soft starter