ADXNP038



SOFT STARTER, ADXNP... TYPE, ADVANCED VERSION, WITH INTEGRATED BY-PASS RELAY, BUILT-IN FAN. AUXILIARY SUPPLY 100...240VAC. RATED OPERATIONAL VOLTAGE 208...600VAC, 38A



				0
Product designation				Soft starter advanced
Product type designat	tion			ADXNP
Motor type				Asynchronous
Electrical features				three phase
Supplies voltage				
Supplies voltage		Type of system		Three phase
		Rated supply voltage	V	208600VAC
		auxiliary supply voltage (Us)	v	100240VAC
		Rated frequency	Hz	50/60
Rated starter current I		Nated nequency	A	38
Rated motor power			Λ	50
	IEC ratings (T≤40°C)			
		230VAC	kW	11
		400VAC	kW	18.5
		500VAC	KW	22
	UL ratings (T≤40°C)	0001/10	1	
		220-240VAC	HP	10
		380-415VAC	HP	20
		440-480VAC	HP	25
		550-600VAC	HP	30
Number of controlled	phases		Nr.	2
Built-in bypass	phaoco		1.11.	Yes
Cooling System				Forced
Rated insulation voltage	nelli		V	600
Programming interfac			·	000
r rogramming internae	5			Settings: starting
				voltage,
				acceleration
				ramp,
Potentiometer				deceleration
				ramp. Note.
				Potentiometers
				can be disabled
				via NFC.
Display				No
Programming with NF	C technology			Yes
Optical port				Yes
Startup and stop setting	ngs			
Startup method				Voltage ramp with current limit
Stop method				Voltage ramp or free-wheel stop
Acceleration ramp			S	1-20
Deceleration ramp			S	0-20
Deceleration ramp			3	0-20

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ENERGY AND AUTOMATION

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Startup voltage			%	30-80
Protections				
Power supply Protec	tion			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
Starter protection				Overtemperature 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	Nr.	2 2 NO contacts
		Digital output arrangement		with the same common, 5A 250VAC AC1 - 5A 30 VDC Programmable: line contactor
		Digital output functions		(Run), TOR (Top Of Ramp), alarm, max torque
Communication inter	faces			NEC option port
Communication inter	face			NFC, optical port for the connection of USB (CX01) and Wi-Fi (CX02) devices, optional
				RS485 module (CX04) Modbus RTU protocol
Ambient conditions Temperature				
i omporatore	Operating temperature			
		min	°C	-20 +60°C (with
		max	°C	current derating >40°C)
	Storage temperature	min	°C	-30
			• ~	

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max

°C

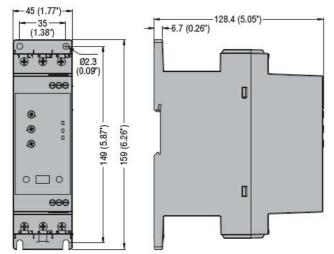
+80



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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)		45 x 159 x 128.4
Weight	Kg	0.69

Dimensions



Certifications and compliance

Certifications and co		
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

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