

ADXNB00624 SOFT STARTER, ADXNB... TYPE, BASIC VERSION, WITH INTEGRATED BY-PASS RELAY. AUXILIARY SUPPLY 24VAC/DC. RATED OPERATIONAL VOLTAGE 208...600VAC, 6A



Product designation Product type designation			Soft starter basic ADXNB
Motor type			Asynchronous three phase
Electrical features			
Supplies voltage			
Cappilos Voltago	Type of system		Three phase
	Rated supply voltage	V	208600VAC
	auxiliary supply voltage (Us)	v	24VAC/DC
	Rated frequency	Hz	50/60
Rated starter current le	Rated fieldenby	A	6
Rated motor power		Λ	0
IEC ratings (T≤40°C)			
IEC fauligs (1540 C)	230VAC	kW	1.1
	400VAC	kW	2.2
	500VAC	KW	3
UL ratings (T≤40°C)	500VAC	IX VV	5
$OE Taungs (T \leq 40 C)$	220-240VAC	HP	1.5
	380-415VAC	HP	2
	440-480VAC	HP	3
	550-600VAC	HP	5
Number of controlled phases	550-600VAC		2
Number of controlled phases		Nr.	 Yes
Built-in bypass			
Cooling System			Natural or forced (optional)
Rated insulation voltage Ui		V	600
Programming interface			
			Settings: starting
			voltage,
Potentiometer			acceleration
Fotentionieter			ramp,
			deceleration
			ramp
Display			No
Programming with NFC technology			No
Optical port			No
Startup and stop settings			
Startup method			Voltage ramp
Stop method			Voltage ramp or
			free-wheel stop
Acceleration ramp		S	1-20
Deceleration ramp		S	0-20
Startup voltage		%	30-80

Protections

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Power supply Protection			No power line, phase loss, frequency out of limits, phase sequence (configurable)
Starter protection			Overtemperature
Functions			
Built-in bypass			2
Built-in display and keypad			Yes
Languages			No
View measurements			No
Torque control			No
Adjustable current limit			No
Dynamic braking			No
Kick Start function			No
Motor overload electronic protection			No
Motor protection PTC input			No
Protection against phase loss			No
Protection against phase inversion			Yes
Protection against locked rotor			Yes
Protection against thyristor overtemperature			No
Protection against low load			Yes
Programmable alarm			No
Digital inputs			No
Analog inputs			Yes
Digital outputs			No
Analog output			Yes
Monitoring communication			No
Optical port for programming			Optional
Event log			No
Motor hour counter			No
Startup counter			No
Clock calendar			No
Remote external keypad			No
Plug-in version			No
Input and Output			
Digital inputs			
	Number of digital input	Nr.	1
	Digital input type		Volt-free contact
	Digital input functions		Motor start
Digital outputs			
	Number of digital output	Nr.	2
			2 NO contacts
			with the same
	Digital output arrangement		common, 5A
			250VAC AC1 -
			5A 30 VDC
	Digital output functions		Line contactor (Run), TOR (Top
			Of Ramp)
Communication interfaces			
Communication interface			No
Ambient conditions			

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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Temperature

Operating temperature			
	min	°C	-20
			+60°C (with
	max	°C	current derating
			>40°C)
Storage temperature			
	min	°C	-30
	max	°C	+80
			1000 without
Max altitude		m	derating of the
			starter current
Relative humidity		%	<80%
Pollution degree			2
Installation category			
Housing			
			Screw-fixing or
Mounting			35mm DIN rail
Mounting			(IEC/EN/BS
			60715)
IP degree of protection			IP20
Dimensions (W x H x D)		mm	45 x 139 x 113.4
Weight		Kg	0.45
Dimensions			

45 (1.77')-____35___ (1.38") Ø2.3 (0.09") 886 ۲ 139 (5.47")-129 (5.08") ۲ 0000 ۲ • 888 Œ

Certifications and 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		
ETIM 8.0		EC000640 - Soft starter