ADXNB01824

SOFT STARTER, ADXNB... TYPE, BASIC VERSION, WITH INTEGRATED BY-PASS RELAY. AUXILIARY SUPPLY 24VAC/DC. RATED OPERATIONAL VOLTAGE 208...600VAC, 18A



Product designation				Soft starter basic
Product type designation				ADXNB
Motor type				Asynchronous three phase
Electrical features				
Supplies voltage				
		Type of system		Three phase
		Rated supply voltage	V	208…600VAC
		auxiliary supply voltage (Us)		24VAC/DC
		Rated frequency	Hz	50/60
Rated starter current Ie			A	18
Rated motor power				
	IEC ratings (T≤40°C)			
		230VAC	kW	4
		400VAC	kW	7.5
		500VAC	KW	11
	UL ratings (T≤40°C)			
		220-240VAC	HP	5
		380-415VAC	HP	10
		440-480VAC	HP	10
		550-600VAC	HP	15
Number of controlled phases			Nr.	2
Built-in bypass				Yes
Cooling System				Natural or forced (optional)
Rated insulation voltage Ui			V	600
Programming interface				
Potentiometer				Settings: starting voltage, acceleration 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
	Digital output arrangement		2 NO contacts with the same 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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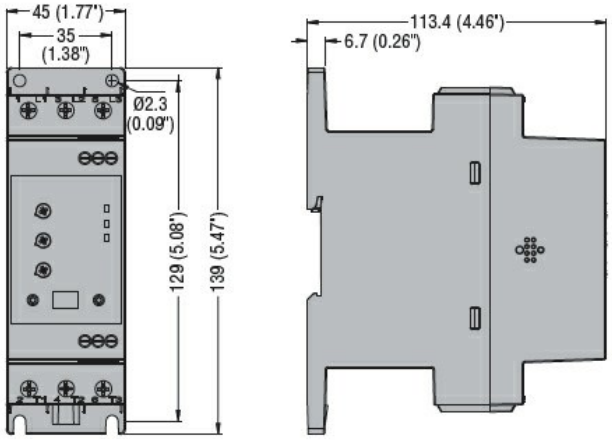
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Temperature				
	Operating temperature			
		min	°C	-20
		max	°C	+60°C (with current derating >40°C)
	Storage temperature			
		min	°C	-30
		max	°C	+80
Max altitude			m	1000 without derating of the starter current
Relative humidity			%	<80%
Pollution degree				2
Installation category				III

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 139 x 113.4 mm
Weight	0.45 Kg

Dimensions



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

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