ADXNB045

SOFT STARTER, ADXNB... TYPE, BASIC VERSION, WITH INTEGRATED BY-PASS RELAY, BUILT-IN FAN. AUXILIARY SUPPLY 100...240VAC. RATED OPERATIONAL VOLTAGE 208...600VAC, 45A



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)		100…240VAC
		Rated frequency	Hz	50/60
Rated starter current Ie			A	45
Rated motor power				
	IEC ratings (T≤40°C)			
		230VAC	kW	11
		400VAC	kW	22
		500VAC	KW	30
	UL ratings (T≤40°C)			
		220-240VAC	HP	15
		380-415VAC	HP	25
		440-480VAC	HP	30
		550-600VAC	HP	40
Number of controlled phases			Nr.	2
Built-in bypass				Yes
Cooling System				Forced
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				

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

Power supply Protection			No power line, phase loss, frequency out of limits, phase sequence (configurable)
Starter protection			Overtemperature
Functions			
Built-in bypass			Yes
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			1
Analog inputs			0
Digital outputs			2
Analog output			0
Monitoring communication			No
Optical port for programming			No
Event log			No
Motor hour counter			No
Startup counter			No
Clock calendar			No
Remote external keypad			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			
Temperature			

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

ADXNB045

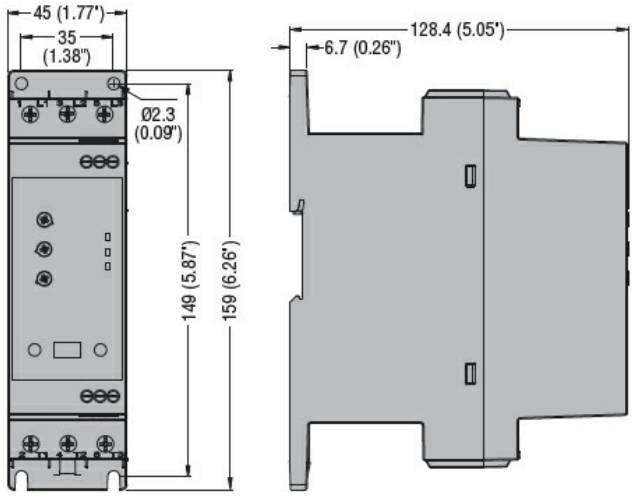
SOFT STARTER, ADXNB... TYPE, BASIC VERSION, WITH INTEGRATED BY-PASS RELAY, BUILT-IN FAN. AUXILIARY SUPPLY 100...240VAC. RATED OPERATIONAL VOLTAGE 208...600VAC, 45A

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)		mm	45 x 159 x 128.4
Weight		Kg	0.66

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

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