

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	208...600VAC
	auxiliary supply voltage (Us)	24VAC/DC
	Rated frequency	50/60
Rated starter current Ie	A	38
Rated motor power		
	IEC ratings (T≤40°C)	
	230VAC	kW 11
	400VAC	kW 18.5
	500VAC	KW 22
	UL ratings (T≤40°C)	
	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		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

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
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Ambient conditions

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)	mm	45 x 159 x 128.4
Weight	Kg	0.66
ETIM classification		
ETIM 8.0		EC000640 - Soft starter