

ADXNB04524P008

Product designation Product type designation			Soft starter basic ADXNB
Motor type			Asynchronous three phase
Electrical features			·
Supplies voltage			
	Type of system		Three phase
	Rated supply voltage	V	208600VAC
	auxiliary supply voltage (Us)		24VAC/DC
	Rated frequency	Hz	50/60
Rated starter current le		A	45
Rated motor power			
IEC ratings (T≤40°C)	230VAC	kW	11
	400VAC	kW	22
	400VAC 500VAC	KW	30
UL ratings (T≤40°C)	5007710	1	50
	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
Display			ramp No
Programming with NFC technology			No
Optical port			No
Startup and stop settings			
Startup method			Voltage ramp
			Voltage ramp or
Stop method			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

ADXNB04524P008 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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View measurements				No
Torque control				No
Adjustable current limit				No
Dynamic braking				No
Kick Start function				No
Motor overload electro	nic protection			No
Motor protection PTC i	nput			No
Protection against phase	se loss			No
Protection against phas	se inversion			Yes
Protection against lock	ed rotor			Yes
Protection against thyri	stor overtemperature			No
Protection against low	load			Yes
Programmable alarm				No
Digital inputs				No
Analog inputs				Yes
Digital outputs				No
Analog output				Yes
Monitoring communicat	tion			No
Optical port for program				Optional
Event log	5			No
Motor hour counter				No
Startup counter				No
Clock calendar				No
Remote external keypa	ad			No
Plug-in version				No
, ,				
Input and Output				
, ,		Number of digital input	Nr.	1
Input and Output		Number of digital input Digital input type	Nr.	1 Volt-free contact
Input and Output		Digital input type	Nr.	-
Input and Output Digital inputs			Nr.	Volt-free contact
Input and Output		Digital input type Digital input functions		Volt-free contact Motor start
Input and Output Digital inputs		Digital input type	Nr. Nr.	Volt-free contact Motor start
Input and Output Digital inputs		Digital input type Digital input functions		Volt-free contact Motor start
Input and Output Digital inputs		Digital input type Digital input functions		Volt-free contact Motor start 2 2 NO contacts
Input and Output Digital inputs		Digital input type Digital input functions Number of digital output		Volt-free contact Motor start 2 2 NO contacts with the same common, 5A 250VAC AC1 -
Input and Output Digital inputs		Digital input type Digital input functions Number of digital output		Volt-free contact Motor start 2 2 NO contacts with the same common, 5A
Input and Output Digital inputs		Digital input type Digital input functions Number of digital output Digital output arrangement		Volt-free contact Motor start 2 2 NO contacts with the same common, 5A 250VAC AC1 - 5A 30 VDC Line contactor
Input and Output Digital inputs		Digital input type Digital input functions Number of digital output		Volt-free contact Motor start 2 2 NO contacts with the same common, 5A 250VAC AC1 - 5A 30 VDC Line contactor (Run), TOR (Top
Input and Output Digital inputs Digital outputs		Digital input type Digital input functions Number of digital output Digital output arrangement		Volt-free contact Motor start 2 2 NO contacts with the same common, 5A 250VAC AC1 - 5A 30 VDC Line contactor
Input and Output Digital inputs Digital outputs		Digital input type Digital input functions Number of digital output Digital output arrangement		Volt-free contact Motor start 2 2 NO contacts with the same common, 5A 250VAC AC1 - 5A 30 VDC Line contactor (Run), TOR (Top Of Ramp)
Input and Output Digital inputs Digital outputs Communication interface		Digital input type Digital input functions Number of digital output Digital output arrangement		Volt-free contact Motor start 2 2 NO contacts with the same common, 5A 250VAC AC1 - 5A 30 VDC Line contactor (Run), TOR (Top
Input and Output Digital inputs Digital outputs Communication interface Ambient conditions		Digital input type Digital input functions Number of digital output Digital output arrangement		Volt-free contact Motor start 2 2 NO contacts with the same common, 5A 250VAC AC1 - 5A 30 VDC Line contactor (Run), TOR (Top Of Ramp)
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Input and Output Digital inputs Digital outputs Communication interface Ambient conditions	ce	Digital input type Digital input functions Number of digital output Digital output arrangement Digital output functions min	Nr.	Volt-free contact Motor start 2 2 NO contacts with the same common, 5A 250VAC AC1 - 5A 30 VDC Line contactor (Run), TOR (Top Of Ramp) No
Input and Output Digital inputs Digital outputs Communication interface Ambient conditions	ce	Digital input type Digital input functions Number of digital output Digital output arrangement Digital output functions	Nr.	Volt-free contact Motor start 2 2 NO contacts with the same common, 5A 250VAC AC1 - 5A 30 VDC Line contactor (Run), TOR (Top Of Ramp) No -20 +60°C (with current derating
Input and Output Digital inputs Digital outputs Communication interface Ambient conditions	ce Operating temperature	Digital input type Digital input functions Number of digital output Digital output arrangement Digital output functions min	Nr.	Volt-free contact Motor start 2 2 NO contacts with the same common, 5A 250VAC AC1 - 5A 30 VDC Line contactor (Run), TOR (Top Of Ramp) No
Input and Output Digital inputs Digital outputs Communication interface Ambient conditions	ce	Digital input type Digital input functions Number of digital output Digital output arrangement Digital output functions min max	Nr. °C °C	Volt-free contact Motor start   2   2 NO contacts with the same common, 5A   250VAC AC1 -   5A 30 VDC   Line contactor (Run), TOR (Top Of Ramp)   No   -20   +60°C (with current derating >40°C)
Input and Output Digital inputs Digital outputs Communication interface Ambient conditions	ce Operating temperature	Digital input type Digital input functions Number of digital output Digital output arrangement Digital output functions min	Nr.	Volt-free contact Motor start 2 2 NO contacts with the same common, 5A 250VAC AC1 - 5A 30 VDC Line contactor (Run), TOR (Top Of Ramp) No -20 +60°C (with current derating



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ENERGY AND AUTOMATION

electric

## ADXNB04524P008

		4000
		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
woulding		(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		
		EC000640 - Soft
ETIM 8.0		starter