



Motor type the phase transmission of the phase transmission of the phase transmission of the phase transmission of the phase set of the phase	Product designation Product type designat	ion			Soft starter basic ADXNB Asynchronous
Electrical features     Supplies voltage     Type of system Rated supply voltage   V     208600VAC     auxiliary supply voltage   V     Rated starter current le   A     Rated motor power   IEC ratings (T≤40°C)     230VAC   kW     400VAC   HP     500VAC   HP     10   440-480VAC     400-480VAC   HP     10   440-480VAC     HP   10     500-600VAC   HP     15   Number of controlled phases     Nr.   2     Built-in bypass   Yes     Cooling System   Natural or forced (optional)     Rated insulation voltage Ui   V     Potentiometer   acceleration ramp, deceleration ramp, deceleration ramp, deceleration ramp, deceleration ramp <t< td=""><td>Motor type</td><td></td><td></td><td></td><td></td></t<>	Motor type				
Type of system Rated supply voltage auxiliary supply voltage (Us) Rated frequency     Three phase 208600VAC       Rated starter current le     A     18       Rated motor power     IEC ratings (T≤40°C)     230VAC     KW     4       400VAC     KW     4     1       UL ratings (T≤40°C)     230VAC     KW     4       500VAC     KW     1     1       UL ratings (T≤40°C)     220-240VAC     HP     5       380-415VAC     HP     10     440-480VAC       440-480VAC     HP     10     550-600VAC       Number of controlled phases     Nr.     2     2       Built-in bypass     Yes     Yes     Yes       Cooling System     V     600     Yes       Potentiometer     Yes     Settings: starting voltage, acceleration ramp, deceleration ramp, deceleration ramp, deceleration ramp, deceleration ramp, deceleration ramp     Settings: starting voltage, acceleration ramp, deceleration ramp, deceleration ramp, deceleration ramp, deceleration ramp     No       Startup method     Voltage ramp of rise-wheel stop free-wheel stop free-wheel stop free-wheel stop free-wheel stop free-wheel stop free-wheel stop     Yoltage ramp of ris	Electrical features				
Rated supply voltage (Us) auxiliary supply voltage (Us) Rated freque (Us) V 208600VAC 100240VAC   Rated starter current le A 18   Rated motor power IEC ratings (T≤40°C) 230VAC KW 4   400VAC kW 7.5 5000   UL ratings (T≤40°C) 220-240VAC HP 5   220-240VAC HP 10   380-415VAC HP 10   404-480VAC HP 10   404-480VAC HP 10   550-600VAC HP 15   Number of controlled phases Nr. 2   Built-in bypass Yes   Cooling System Natural or forced (optional)   Pogramming interface Yes   Programming interface Settings: starting voltage, acceleration ramp, deceleration   Display No   Programming with NFC technology No   Orbital port No   Startup and stop settings Voltage ramp   Startup method s 0-20   Acceleration ramp s 0-20   Display Solog arean Solog arean	Supplies voltage				
auxiliary supply voltage (Us) Rated starter current le 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 10 440-480VAC HP 10 550-60VAC 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 Settings: starting voltage, acceleration ramp. Display Programming with NFC technology No Optical port No Startup method Voltage ramp Stop method Voltage ramp Acceleration ramp Stop method So -800 Acceleration ramp Startup outage So -20 Startup voltage S			Type of system		
Rated frequency Hz 50/60   Rated starter current le 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   440-480VAC HP 10   550-600VAC HP 10   550-600VAC HP 10   Startup pags Ves Ves   Cooling System Natural or forced (optional)   Rated insulation voltage Ui V 600   Programming interface Settings: starting voltage, acceleration ramp   Display No No   Programming with NFC technology No   Optical port No   Startup method Voltage ramp or free-wheel stop   Acceleration ramp s 1-20   Deceleration ramp s 0-20			Rated supply voltage	V	208600VAC
Rated starter current le   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   2     Built-in bypass   Yes   Yes     Cooling System   Natural or forced (optional)   Natural or forced (optional)     Rated insulation voltage Ui   V   600   Programming interface     Potentiometer   Settings: starting voltage, acceleration ramp, deceleration ramp, deceleration ramp.   Settings: starting voltage, acceleration ramp.     Display   No   No   Programp of free-wheel stop   No     Startup method   Voltage ramp or free-wheel stop   Stop method   Voltage ramp or free-wheel stop     Acceleration ramp   s   1-20   Deceleration ramp   S   0-20					
Rated motor power     IEC ratings (T≤40°C)   230VAC 400VAC 500VAC   KW KW KW KW KW KW KW KW KW KW KW KW KW K			Rated frequency		
IEC ratings (T≤40°C)     230VAC 400VAC 500VAC     kW 7.5 500VAC     4       UL ratings (T≤40°C)     220-240VAC 440-480VAC     HP 5 380-415VAC     5       Number of controlled phases     Nr.     2       Built-in bypass     Yes       Cooling System     Natural or forced (optional)       Rated insulation voltage Ui     V     600       Programming interface     V     600       Potentiometer     settings: starting voltage, acceleration ramp, deceleration     settings: starting voltage, acceleration ramp, deceleration ramp       Display     No     No       Programming with NFC technology     No       Startup method     Voltage ramp       Startup method     s     1-20       Deceleration ramp     s     1-20       Deceleration ramp     s     0-20       Startup voltage     %     30-80		e		A	18
230VACkW4400VACkW7.5500VACKW11UL ratings (T≤40°C)220-240VACHP5220-240VACHP5380-415VACHP10440-480VACHP1050-600VACHP15Number of controlled phasesNr.2Built-in bypassYesCooling SystemNatural or forced (optional)Rated insulation voltage UiV600Programming interfaceSettings: starting voltage, acceleration ramp, deceleration rampDisplayNoPotentiometerNoStartup and stop settingsVStartup methodVoltage ramp Voltage rampStop methods1-20So-200Startup nethods200S200S200s200S </td <td>Rated motor power</td> <td></td> <td></td> <td></td> <td></td>	Rated motor power				
400VAC   kW   7.5     500VAC   KW   11     UL ratings (T≤40°C)   220-240VAC   HP   5     380-415VAC   HP   10   440-480VAC   HP   10     440-480VAC   HP   10   550-600VAC   HP   15     Number of controlled phases   Nr.   2   2     Built-in bypass   Yes   Natural or forced (optional)     Cooling System   V   600   PP     Rated insulation voltage Ui   V   600   P     Programming interface   Settings: starting voltage, acceleration ramp, deceleration ramp   No     Startup and stop settings   Voltage ramp or free-wheel stop   Acceleration ramp   S     Display   Stop method   S   1-20   D     Decelera		IEC ratings (T≤40°C)			
500VACKW11UL ratings (T≤40°C)220-240VACHP5380-415VACHP10440-480VACHP10440-480VACHP15Number of controlled phasesNr.2Built-in bypassV2Cooling SystemNatural or forced (optional)Rated insulation voltage UiV600Programming interfaceV600Programming with NFC technologyNoOptical portNoStartup and stop settingsVStartup methodVStartup methodSAcceleration rampsStartup not stops200Startup voltageAcceleration ramps201Startup voltage202Startup voltage203S204S204S205S205S205S205S205S205S205S205S205S205S205S205S205S205S205S205S205S205S205205S205205205205205205205205205205205<					
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   Settings: starting voltage, acceleration ramp, deceleration ramp     Display   No     Programming with NFC technology   No     Optical port   No     Startup and stop settings   Voltage ramp     Stop method   Voltage ramp or free-wheel stop     Acceleration ramp   s   1-20     Deceleration ramp   s   0-20					
220-240VAC 380-415VAC 440-480VAC 550-600VACHP HP 10 550-600VAC10 10 550-600VACNumber of controlled phases Built-in bypassNr.2Built-in bypassYesCooling SystemNatural or forced (optional)Rated insulation voltage UiV600Programming interfaceSettings: starting voltage, acceleration ramp, deceleration rampDisplayNoProgramming with NFC technologyNoOptical portNoStartup and stop settingsVoltage rampStop methodVoltage rampAcceleration rampsStop methodsAcceleration rampsStop methodVoltage rampStop methodsAcceleration rampsStop voltagesStop v			500VAC	KW	11
380-415VAC 440-480VAC 550-600VACHP HP 10 550-600VAC10 HP HPNumber of controlled phasesNr.2Built-in bypassYesCooling SystemNatural or forced (optional)Rated insulation voltage UiV600Programming interfaceVPotentiometerSettings: starting voltage, acceleration ramp, deceleration rampDisplayNoProgramming with NFC technologyNoOptical portNoStartup and stop settingsVoltage rampStartup methodVoltage ramp or free-wheel stopStop methodsAcceleration rampsAcceleration rampsStartup voltagesOptical portSStartup methodVoltage ramp or free-wheel stopStartup voltagesStartup voltag		UL ratings (T≤40°C)			
440-480VAC 550-600VACHP10Number of controlled phasesNr.2Built-in bypassYesCooling SystemNatural or forced (optional)Rated insulation voltage UiV600Programming interfaceV600Potentiometerstarting voltage, acceleration ramp, deceleration rampDisplayNoProgramming with NFC technologyNoOptical portNoStartup and stop settingsVoltage ramp Voltage ramp or free-wheel stopStop methods1-20Acceleration rampsAcceleration rampsOptical portsStartup methodsStop methodsAcceleration rampsAcceleration rampsOptical portsStop methodsAcceleration rampsAcceleration rampsBerleration rampsAcceleration rampsAcceleration rampsAcceleration rampsAcceleration rampsAcceleration rampsAcceleratio					
550-600VACHP15Number of controlled phasesNr.2Built-in bypassYesCooling SystemNatural or forced (optional)Rated insulation voltage UiV600Programming interfaceSettings: starting voltage, acceleration ramp, deceleration rampDisplayNoProgramming with NFC technologyNoOptical portNoStartup and stop settingsVoltage ramp Voltage rampStop method\$Acceleration rampStop methodAcceleration ramp\$Acceleration ramp\$Stop method\$Acceleration ramp\$Acceleration ramp\$Startup voltage\$Acceleration ramp\$Acceleration ramp\$Startup voltage\$Acceleration ramp\$Acceleration ramp\$ </td <td></td> <td></td> <td></td> <td></td> <td></td>					
Number of controlled phasesNr.2Built-in bypassYesCooling SystemNatural or forced (optional)Rated insulation voltage UiV600Programming interfaceSettings: starting voltage, acceleration ramp, deceleration rampDisplayNoProgramming with NFC technologyNoOptical portNoStartup and stop settingsVoltage ramp or free-wheel stopStop methodsAcceleration rampsStop methodsAcceleration rampsStop methodsAcceleration rampsAcceleration rampsStartup voltagesOptical portVoltage ramp or free-wheel stopStop methodsAcceleration rampsAcceleration rampsOptical portsStartup woltage%Stor programmingsAcceleration rampsAcceleration ramps					
Built-in bypassYesCooling SystemNatural or forced (optional)Rated insulation voltage UiVProgramming interfaceVPotentiometerSettings: starting voltage, acceleration ramp, deceleration rampDisplayNoProgramming with NFC technologyNoOptical portNoStartup and stop settingsVoltage ramp or free-wheel stopStop methodsAcceleration rampsStop methodsAcceleration rampsOptical portSoltage ramp or free-wheel stopStop methodsAcceleration rampsStop methodsAcceleration rampsAcceleration rampsStartup voltagesAcceleration rampsAcceleration ramp			550-600VAC		
Cooling SystemNatural or forced (optional)Rated insulation voltage UiV600Programming interfaceSettings: starting voltage, acceleration ramp, deceleration rampDisplayNoProgramming with NFC technologyNoOptical portNoStartup methodVoltage rampStop methodVoltage ramp or free-wheel stopAcceleration rampsAcceleration rampsStop methodsAcceleration rampsAcceleration rampsStop methodVoltage ramp or free-wheel stopAcceleration rampsAcceleration ramps<		phases		Nr.	
Cooling System(optional)Rated insulation voltage UiV600Programming interfaceSettings: starting voltage, acceleration ramp, deceleration rampPotentiometerSettings: starting voltage, acceleration ramp, deceleration rampDisplayNoProgramming with NFC technologyNoOptical portNoStartup and stop settingsVoltage rampStartup methodVoltage ramp or free-wheel stopAcceleration rampsAcceleration ramps </td <td>Built-in bypass</td> <td></td> <td></td> <td></td> <td></td>	Built-in bypass				
Programming interfacePotentiometerSettings: starting voltage, acceleration ramp, deceleration rampDisplayNoProgramming with NFC technologyNoOptical portNoStartup and stop settingsNoStartup methodVoltage rampStop methodVoltage ramp or free-wheel stopAcceleration ramps1-20Deceleration rampStartup voltage%30-80	Cooling System				
PotentiometerSettings: starting voltage, acceleration ramp, deceleration rampDisplayNoProgramming with NFC technologyNoOptical portNoStartup and stop settingsVoltage rampStartup methodVoltage ramp or free-wheel stopStop methodStop settingsAcceleration ramps1-20Deceleration rampsStartup voltage%30-80	Rated insulation voltage	ge Ui		V	600
Potentiometervoltage, acceleration ramp, deceleration rampDisplayNoProgramming with NFC technologyNoOptical portNoStartup and stop settingsNoStartup methodVoltage rampStop methodVoltage ramp or free-wheel stopAcceleration rampsDeceleration rampsStartup voltagesStartup voltagesStartup voltagesStartup voltagesStartup voltages	Programming interfac	е			
Programming with NFC technologyNoOptical portNoStartup and stop settingsStartup methodStartup methodVoltage rampStop methodVoltage ramp or free-wheel stopAcceleration rampsDeceleration rampsStartup voltage%	Potentiometer				voltage, acceleration ramp, deceleration
Optical portNoStartup and stop settingsVoltage rampStartup methodVoltage ramp or free-wheel stopStop methodVoltage ramp or free-wheel stopAcceleration rampsDeceleration rampsStartup voltage%	Display				
Startup and stop settingsStartup methodVoltage rampStop methodVoltage ramp or free-wheel stopAcceleration rampsDeceleration rampsStartup voltage%	Programming with NF	C technology			No
Startup methodVoltage rampStop methodVoltage ramp or free-wheel stopAcceleration rampsDeceleration rampsStartup voltage%30-80	Optical port				No
Stop methodVoltage ramp or free-wheel stopAcceleration ramps1-20Deceleration ramps0-20Startup voltage%30-80	Startup and stop settir	ngs			
Stop methodfree-wheel stopAcceleration ramps1-20Deceleration ramps0-20Startup voltage%30-80	Startup method				
Deceleration ramps0-20Startup voltage%30-80	Stop method				
Deceleration ramps0-20Startup voltage%30-80	Acceleration ramp			S	1-20
	-			S	0-20
Protections	Startup voltage			%	30-80
	Protections				

ADXNB018



软启动器, ADXNB... 型号, 基本型, 带集成旁路继电器. 辅助电源 100...240VAC. 额定工作电压 208...600VAC, 18A

**ADXNB018** 

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
			Yes
Protection against low load			
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
	Digital output arrangement		with the same common, 5A
	Digital output arrangement		250VAC AC1 -
			5A 30 VDC
			Line contactor
	Digital output functions		(Run), TOR (Top
			Of Ramp)
Communication interfaces			
Communication interface			No
Ambient conditions			

ADXNB018

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



软启动器, ADXNB... 型号, 基本型, 带集成旁路继电器. 辅助电源 100...240VAC. 额定工作电压 208...600VAC, 18A

## 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')-- 6.7 (0.26") — 35— (1.38") ..... Ø2.3 (0.09") 886 ۵ ۲ 139 (5.47")-129 (5.08") ۲ 0000 ۲ • 888 Œ 1

## 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

**ADXNB018**