

SOFT STARTER, ADXNB... TYPE, BASIC VERSION, WITH INTEGRATED BY-PASS RELAY. AUXILIARY SUPPLY 100...240VAC. RATED OPERATIONAL VOLTAGE 208...600VAC, 12A

Product designation Soft starter basic ADXNB ADXN					** ** ** ** ** ** ** ** ** ** ** ** **
Electrical features	=	on			ADXNB
Type of system Rated supply voltage auxiliary supply voltage (us) Rated frequency Programming with NFC technology Programm					
Type of system Rated supply voltage auxiliary supply voltage (sp. 208600 AVC alox.) Rated starter current le					
Rated supply voltage auxiliary supply voltage (Us) Rated frequency V 208600VAC 100240VAC 10024	Supplied Voltage		Type of system		Three phase
Rated starter current le A 12 Rated motor power IEC ratings (T≤40°C) 230VAC kW 3 400VAC kW 5.5 500VAC kW 5.5 500VAC kW 5.5 500VAC kW 5.5 500VAC HP 3 380-415VAC HP 5 440-480VAC HP 7.5 550-600VAC HP 10 Number of controlled phases Nr. 2 Built-in bypass Yes Natural or forced (optional) Rated insulation voltage Ui V 600 Programming interface Settings: starting voltage, acceleration ramp, deceleration ramp voltage, acceleration ramp Display No No Programming with NFC technology No No Optical port No No Startup and stop settings Voltage ramp or free-wheel stop Startup method Voltage ramp or free-wheel stop Acceleration ramp S 0-20				V	208600VAC
Rated starter current le A 12 Rated motor power IEC ratings (T≤40°C) 230VAC kW 5.5 kW 5.5 JUL ratings (T≤40°C) 500VAC kW 5.5 5.5 UL ratings (T≤40°C) 220-240VAC HP 3.380-415VAC HP 5.5 HP 7.5 340-480VAC HP 7.5 HP 7.5 1.0 550-600VAC HP 10 HP 10 1.0 Number of controlled phases Nr. 2 2 Built-in bypass Yes Natural or forced (optional) Rated insulation voltage Ui V 600 600 Programming interface Settings: starting voltage, acceleration ramp, deceleration ramp voltage, acceleration ramp Display No No Programming with NFC technology No No Optical port No No Startup and stop settings Voltage ramp or free-wheel stop Voltage ramp or free-wheel stop Acceleration ramp s 0-20 5 Baterup voltage s 0-20 5			auxiliary supply voltage (Us)		100240VAC
Rated motor power IEC ratings (T≤40°C)			Rated frequency		
EC ratings (T≤40°C)		9		Α	12
Potentiometer Potentiomet	Rated motor power				
\$\frac{400VAC}{500VAC} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		IEC ratings (T≤40°C)	0001/40	1.147	0
Matural or forced (optional)					
VIL ratings (T≤40°C)					
220-240VAC		III ratings (T 0°C)</td <td>300 VAC</td> <td>rvv</td> <td>5.5</td>	300 VAC	rvv	5.5
Settings: starting voltage, acceleration ramp Solutage ramp or free-wheel stop S		OL fattings (1340 O)	220-240\/AC	HP	3
Number of controlled phases 440-480VAC 550-600VAC HP HP HP 10 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, deceleration ramp Display No Programming with NFC technology No Optical port No Startup and stop settings Voltage ramp Startup method Voltage ramp or free-wheel stop Acceleration ramp s 1-20 Deceleration ramp s 0-20 Startup voltage % 30-80					
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, deceleration ramp Display No Programming with NFC technology No Optical port No Startup and stop settings Voltage ramp or free-wheel stop Acceleration ramp s 1-20 Deceleration ramp s 0-20 Startup voltage % 30-80					
Built-in bypassYesCooling SystemNatural or forced (optional)Rated insulation voltage UiV 600Programming interfaceSettings: starting voltage, acceleration ramp, deceleration rampDisplayNoProgramming with NFC technologyNoOptical portNoStartup and stop settingsStartup and stop settingsStartup methodVoltage ramp or free-wheel stopAcceleration ramps 1-20Deceleration ramps 0-20Startup voltage% 30-80					
Cooling System Rated insulation voltage Ui Programming interface Settings: starting voltage, acceleration ramp, deceleration ramp Display Potentiometer Display No Programming with NFC technology Optical port Startup and stop settings Startup method Voltage ramp Stop method Voltage ramp Voltage ramp Voltage ramp Voltage ramp Voltage ramp Acceleration ramp S 1-20 Deceleration ramp S 0-20 Startup voltage	Number of controlled p	phases		Nr.	2
Rated insulation voltage Ui Programming interface Potentiometer Potentiometer Display Programming with NFC technology Optical port Startup and stop settings Startup method Acceleration ramp Stop method Acceleration ramp Stop method Acceleration ramp Storum acceleration ramp No Voltage ramp Voltage ramp Voltage ramp Voltage ramp Voltage ramp Frogramp Voltage ramp Stop method Acceleration ramp S 1-20 Deceleration ramp S 0-20 Startup voltage Startup voltage S 30-80	Built-in bypass				Yes
Programming interfacePotentiometerSettings: starting voltage, acceleration ramp, deceleration ramp, deceleration rampDisplayNoProgramming with NFC technologyNoOptical portNoStartup and stop settingsVoltage rampStartup methodVoltage ramp or free-wheel stopAcceleration ramps1-20Deceleration ramps0-20Startup voltage%30-80	Cooling System				
Potentiometer Potentiometer Potentiometer Potentiometer Potentiometer Potentiometer Settings: starting voltage, acceleration ramp, deceleration ramp, deceleration ramp No Programming with NFC technology No Optical port No Startup and stop settings Startup and stop settings Startup method Voltage ramp Stop method Acceleration ramp Acceleration ramp S 1-20 Deceleration ramp S 0-20 Startup voltage % 30-80	Rated insulation voltage	e Ui		V	600
Potentiometer Potentiometer Potentiometer Potentiometer Potentiometer Potentiometer Potentiometer Potentiometer No Programming with NFC technology No Optical port No Startup and stop settings Startup method Stop method Acceleration ramp Acceleration ramp S 1-20 Deceleration ramp S 0-20 Startup voltage Startup voltage S 30-80	Programming interface	;			
DisplayNoProgramming with NFC technologyNoOptical portNoStartup and stop settingsVoltage rampStartup methodVoltage ramp or free-wheel stopAcceleration ramps1-20Deceleration ramps0-20Startup voltage%30-80	Potentiometer				voltage, acceleration ramp, deceleration
Programming with NFC technology Optical port No Startup and stop settings Startup method Stop method Voltage ramp Voltage ramp or free-wheel stop Acceleration ramp s 1-20 Deceleration ramp s 0-20 Startup voltage % 30-80	Display				
Startup and stop settingsStartup methodVoltage rampStop methodVoltage ramp or free-wheel stopAcceleration ramps1-20Deceleration ramps0-20Startup voltage%30-80		Ctechnology			
Startup methodVoltage rampStop methodVoltage ramp or free-wheel stopAcceleration ramps1-20Deceleration ramps0-20Startup voltage%30-80	Optical port				No
Stop methodVoltage ramp or free-wheel stopAcceleration ramps1-20Deceleration ramps0-20Startup voltage%30-80	Startup and stop settin	gs			
Acceleration ramp s 1-20 Deceleration ramp s 0-20 Startup voltage % 30-80	Startup method				
Deceleration ramps0-20Startup voltage%30-80	Stop method				
Startup voltage % 30-80	Acceleration ramp			S	1-20
1 0	Deceleration ramp				0-20
Protections				%	30-80
	Protections				





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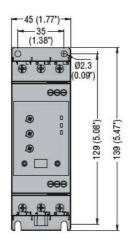
Power supply Protect	ion			No power line, phase loss, frequency out of limits, phase sequence (configurable)
Starter protection Input and Output				Overtemperature
Digital inputs				
Digital inputs		Number of digital input	Nr.	1
		Digital input type		Volt-free contact
		Digital input functions		Motor start
Digital outputs		_ ·g.· p · · · · · · · · · · · ·		
ŭ i		Number of digital output	Nr.	2 2 NO contacts with the same
		Digital output arrangement		common, 5A 250VAC AC1 - 5A 30 VDC
		Digital output functions		Line contactor (Run), TOR (Top Of Ramp)
Communication interface				
Communication interfa	ace			No
Ambient conditions				
T				
Temperature	Operating temperature			
Temperature	Operating temperature	min	°C	-20
Temperature	Operating temperature	min	°C	-20 +60°C (with
Temperature	Operating temperature	min max	°C	-20 +60°C (with current derating >40°C)
Temperature	Operating temperature Storage temperature			+60°C (with current derating
Temperature				+60°C (with current derating
Temperature		max	°C	+60°C (with current derating >40°C) -30 +80
Temperature Max altitude		max	°C	+60°C (with current derating >40°C) -30 +80 1000 without derating of the
Max altitude		max	°C °C °C	+60°C (with current derating >40°C) -30 +80 1000 without derating of the starter current
Max altitude Relative humidity		max	°C °C °C	+60°C (with current derating >40°C) -30 +80 1000 without derating of the starter current <80%
Max altitude Relative humidity Pollution degree		max	°C °C °C	+60°C (with current derating >40°C) -30 +80 1000 without derating of the starter current <80% 2
Max altitude Relative humidity Pollution degree Installation category		max	°C °C °C	+60°C (with current derating >40°C) -30 +80 1000 without derating of the starter current <80%
Max altitude Relative humidity Pollution degree Installation category Housing Mounting	Storage temperature	max	°C °C °C	+60°C (with current derating >40°C) -30 +80 1000 without derating of the starter current <80% 2 III Screw-fixing or 35mm DIN rail (IEC/EN/BS 60715)
Max altitude Relative humidity Pollution degree Installation category Housing Mounting IP degree of protection	Storage temperature	max	°C °C °C	+60°C (with current derating >40°C) -30 +80 1000 without derating of the starter current <80% 2 III Screw-fixing or 35mm DIN rail (IEC/EN/BS 60715) IP20
Max altitude Relative humidity Pollution degree Installation category Housing Mounting IP degree of protection Dimensions (W x H x	Storage temperature	max	°C °C m %	+60°C (with current derating >40°C) -30 +80 1000 without derating of the starter current <80% 2 III Screw-fixing or 35mm DIN rail (IEC/EN/BS 60715) IP20 45 x 139 x 113.4
Max altitude Relative humidity Pollution degree Installation category Housing Mounting IP degree of protection	Storage temperature	max	°C °C m	+60°C (with current derating >40°C) -30 +80 1000 without derating of the starter current <80% 2 III Screw-fixing or 35mm DIN rail (IEC/EN/BS 60715) IP20

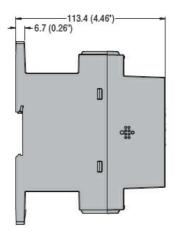




ENERGY AND AUTOMATION

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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