## **electric** SOFT STARTER, ADXNP... TYPE, ADVANCED VERSION, WITH INTEGRATED BY-PASS RELAY. AUXILIARY SUPPLY 24VAC/DC. RATED OPERATIONAL VOLTAGE 208...600VAC, 6A

Soft starter advanced add add add add add add add add add a					9 0 0
Product type designation	Product designation				
Motor type	_	on			
Three phase   Three phase   Three phase   Auxiliary supply voltage   Value					
Type of system Rated supply voltage auxiliary supply voltage (Us)   24VAC/DC 24VAC 24VAC/DC 24VAC 24VAC/DC 24VAC 24VAC 24VAC 24VAC 24VAC 24VAC 2500VAC 24VAC 24	Electrical features				tillee pliase
Rated supply voltage (Us) Rated frequency         Valua (Valva (Us) (Us) (Valva (Us) (Us) (Us) (Valva (Us) (Us) (Us) (Us) (Us) (Us) (Us) (Us)	Supplies voltage				
Rated motor power         IEC ratings (T≤40°C)         230VAC kW 1.1 400VAC kW 2.2 500VAC kW 3.3           UL ratings (T≤40°C)         220-240VAC KW 3.3         1.5 380-415VAC HP 1.5 380-415VAC HP 2.440-480VAC HP 3.550-600VAC HP 5.500VAC HP 5.5000VAC HP 5.5			Rated supply voltage auxiliary supply voltage (Us)		208600VAC 24VAC/DC
Rated motor power	Data data dan ayan adda		Rated frequency		
230VAC				A	ь
A00VAC   KW   2.2		iEC failings (1≤40 C)	230\/∆C	k\/\/	1 1
SOUVAC   KW   3					
220-240VAC					
Settings: starting voltage, acceleration ramp. Note. Potentiometer   Potenti		UL ratings (T≤40°C)			
Number of controlled phasesHP3 550-600VAC4HP5Number of controlled phasesNr.2Built-in bypassYesCooling SystemNatural or forced (optional)Rated insulation voltage UiV600Programming interfaceSettings: starting voltage, acceleration ramp, voltage, acceleration ramp. Note. PotentiometerPotentiometerPotentiometers can be disabled via NFC.DisplayNoProgramming with NFC technologyYesOptical portYesStartup and stop settingsVoltage ramp with current limitStop methodVoltage ramp or free-wheel stop free-wheel stopAcceleration ramps1-20					1.5
Number of controlled phases  Nr. 2  Built-in bypass  Cooling System  Rated insulation voltage Ui  Programming interface  Settings: starting voltage, acceleration ramp, Note. Potentiometer  Potentiometer  Display  Programming with NFC technology  Optical port  Startup and stop settings  Startup method  Stop method  No.  No.  Voltage ramp or free-wheel stop Acceleration ramp  Voltage ramp or free-wheel stop Acceleration ramp  Stop method  Stop method  No.  Voltage ramp or free-wheel stop free-wheel stop Acceleration ramp  Voltage ramp or free-wheel stop Acceleration ramp					
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, voltage, acceleration ramp. Note. Potentiometers can be disabled via NFC.         Display       No         Programming with NFC technology       Yes         Optical port       Yes         Startup and stop settings       Voltage ramp with current limit         Startup method       Voltage ramp or free-wheel stop of free-wheel stop         Acceleration ramp       s 1-20					
Built-in bypassYesCooling SystemNatural or forced (optional)Rated insulation voltage UiV 600Programming interfaceSettings: starting voltage, acceleration ramp, deceleration ramp, Note. Potentiometers can be disabled via NFC.DisplayNoProgramming with NFC technologyYesOptical portYesStartup and stop settingsVoltage ramp with current limit current limit current limit startup methodVoltage ramp or free-wheel stopAcceleration ramps 1-20	Number of controlled r	phases	550-600VAC		
Cooling SystemNatural or forced (optional)Rated insulation voltage UiV600Programming interfaceSettings: starting voltage, acceleration ramp, deceleration ramp, Note. PotentiometerPotentiometerPotentiometers can be disabled via NFC.DisplayNoProgramming with NFC technologyYesOptical portYesStartup and stop settingsVoltage ramp with current limitStartup methodVoltage ramp or free-wheel stopAcceleration ramps1-20		niases		INI.	
Rated insulation voltage Ui  Programming interface  Settings: starting voltage, acceleration ramp, deceleration ramp, Note. Potentiometers can be disabled via NFC.  Display  Programming with NFC technology  Optical port  Startup and stop settings  Startup method  Acceleration ramp is 1-20					
Programming interface  Settings: starting voltage, acceleration ramp, deceleration ramp, Note. Potentiometer  Display  Programming with NFC technology  Optical port  Startup and stop settings  Startup method  Stop method  Acceleration ramp voltage, acceleration ramp, Note. Potentiometers can be disabled via NFC.  Ves  Ves  Ves  Voltage ramp with current limit  Voltage ramp or free-wheel stop  Acceleration ramp  s 1-20					(optional)
Potentiometer  Potentiometer  Potentiometer  Potentiometer  Potentiometer  Potentiometer  Potentiometer  Potentiometer  Rocceleration ramp, deceleration ramp. Note. Potentiometers can be disabled via NFC.  Display  No  Programming with NFC technology  Yes  Optical port  Yes  Startup and stop settings  Startup method  Voltage ramp with current limit  Stop method  Acceleration ramp  S 1-20				V	600
Potentiometer  Potentiometer  Potentiometer  Potentiometer  Display  Programming with NFC technology  Optical port  Startup and stop settings  Startup method  Stop method  Acceleration ramp, Note. Potentiometers can be disabled via NFC.  No  Yes  Yes  Voltage ramp with current limit  Voltage ramp or free-wheel stop  Acceleration ramp  s 1-20	Programming interface	;			Outline and address
Can be disabled via NFC.DisplayNoProgramming with NFC technologyYesOptical portYesStartup and stop settingsVoltage ramp with current limitStartup methodVoltage ramp or free-wheel stopAcceleration ramps1-20	Potentiometer				voltage, acceleration ramp, deceleration ramp. Note.
Programming with NFC technology Optical port Yes  Startup and stop settings Startup method Stop method  Acceleration ramp  Yes  Voltage ramp with current limit Voltage ramp or free-wheel stop					can be disabled via NFC.
Optical port Startup and stop settings  Startup method Stop method Stop method Acceleration ramp  Yes  Voltage ramp with current limit  Voltage ramp or free-wheel stop		) to also also as			
Startup and stop settingsStartup methodVoltage ramp with current limitStop methodVoltage ramp or free-wheel stopAcceleration ramps1-20		technology			
Startup method  Stop method  Stop method  Acceleration ramp  Voltage ramp with current limit  Voltage ramp or free-wheel stop  s 1-20		as			165
Acceleration ramp free-wheel stop					
· · · · · · · · · · · · · · · · · · ·	Stop method				
Deceleration ramp s 0-20				S	
	Deceleration ramp			S	0-20





ADXNP00624

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Startup voltage	%	30-80
Protections		
Power supply Protection		No power line, phase loss, frequency out of limits, minimum and maximum voltage and phase sequence
Motor protection		Electronic current thermal protection (overload), locked rotor, current asymmetry, load too low, starting too long
Starter protection		Overtemperature and overcurrent
Functions		and overcurrent
Built-in bypass		2
Built-in display and keypad		Yes
Languages		No
View measurements		No
Torque control		No
Adjustable current limit		No
Dynamic braking		Yes
Kick Start function		No
Motor overload electronic protection		No
Motor protection PTC input		Yes
Protection against phase loss		No
Protection against phase inversion	Yes	
Protection against locked rotor		Yes
Protection against thyristor overtemperature		Yes
Protection against low load		Yes
Programmable alarm		Yes
Digital inputs		Yes
Analog inputs		Yes
Digital outputs		No
Analog output		Yes
Monitoring communication		No
Optical port for programming		Optional
Event log		Yes
Motor hour counter		No
Startup counter		Yes
Clock calendar		Yes
Remote external keypad	No	
Plug-in version	No	
Input and Output		
Digital inputs		
	Number of digital input Nr. Digital input type Digital input functions	1 Volt-free contact Motor start



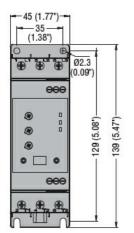


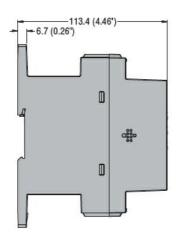
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Digital outputs				
- 19.00 c a p		Number of digital output	Nr.	2 2 NO contacts
		Digital output arrangement		with the same common, 5A 250VAC AC1 - 5A 30 VDC
Communication into		Digital output functions		Programmable: line contactor (Run), TOR (Top Of Ramp), alarm, max torque
Communication inter	Taces			NEC optical port
Communication inter	face			NFC, optical port for the connection of USB (CX01) and Wi-Fi (CX02) devices, optional RS485 module (CX04) Modbus RTU protocol
Temperature	Operating temperature			
	Operating temperature	min	°C	-20 +60°C (with
		max	°C	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 protecti	on			IP20
Dimensions (W x H x	( D)		mm	45 x 139 x 113.4
Weight			Kg	0.47
Dimensions				

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**ENERGY AND AUTOMATION** 





## 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