## electric SOFT STARTER, ADXNP... TYPE, ADVANCED VERSION, WITH INTEGRATED BY-PASS RELAY. AUXILIARY SUPPLY 24VAC/DC. RATED OPERATIONAL VOLTAGE 208...600VAC, 18A **ENERGY AND AUTOMATION**

Product designation         Soft starter advanced a				0 0 0
Product type designation	Product designation			
Motor type	•			
Electrical features				
Type of system Rated supply voltage auxiliary supply voltage auxiliary supply voltage (Us) Rated frequency         Three phase 208600VAC 24VAC/DC 24VAC/D				
Type of system Rated supply voltage (Us) auxiliary supply voltage (Us) 24VAC/DC 24VAC 24VAC/DC 24VAC 24VAC/DC 24VAC 2				
Rated supply voltage (Label auxiliary supply voltage) (Label auxiliary supp	Supplies voltage	Type of system		Three phase
Auxiliary supply voltage (Us)   Rated frequency   Rate   So/Go     Rated starter current le   A   18     Rated motor power   IEC ratings (T≤40°C)			V	
Rated starter current le         A 18           Rated motor power         IEC ratings (T≤40°C)         230VAC kW 4 4 400VAC kW 7.5 500VAC kW 11           UL ratings (T≤40°C)         220-240VAC KW 11         HP 5 380-415VAC HP 10 440-480VAC HP 10 10 550-600VAC HP 15           Number of controlled phases         Nr. 2         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, Note. Potentiometers can be disabled via NFC.           Display         No           Programming with NFC technology         Yes           Optical port         Yes           Startup and stop settings         Yes           Startup method         Voltage ramp with current limit           Stop method         Voltage ramp or free-wheel stop free-wheel sto				
Rated motor power		Rated frequency		
EEC ratings (T≤40°C)			Α	18
230VAC	•			
A00VAC   KW   7.5     500VAC   KW   11     UL ratings (T≤40°C)     220-240VAC   HP   5     380-415VAC   HP   10     440-480VAC   HP   15     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, deceleration ramp, deceleration ramp, of the protein deceleration ramp, of the programming with NFC technology   Yes     Display   No     Programming with NFC technology   Yes     Optical port   Yes     Startup and stop settings   Voltage ramp with current limit     Stop method   Voltage ramp with current limit     Stop method   Settings   Settings: starting voltage, acceleration ramp with current limit     Voltage ramp or free-wheel stop     Free-wheel stop     Free-wheel stop   Free-wheel stop     Free-wheel s	IEC ratings (1≤40°C)	2201/40	L/A/	1
SOUVAC   KW   11				
UL ratings (T≤40°C)   220-240VAC				
Settings: starting voltage, acceleration ramp. Note. Potentiometer   Startup method   Stop method	UL ratings (T≤40°C)			
440-480VAC 550-600VACHP 1510 550-600VACNumber of controlled phasesNr. 2Built-in bypassYesCooling SystemNatural or forced (optional)Rated insulation voltage UiV600Programming interfaceSettings: starting voltage, acceleration ramp, odeceleration 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	• , ,	220-240VAC	HP	5
S50-600VAC 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, 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         Stop method       Voltage ramp or free-wheel stop 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, deceleration ramp. Note. Potentiometers can be disabled via NFC.DisplayNoProgramming with NFC technologyYesOptical portYesStartup and stop settingsVoltage ramp with current limitStop methodVoltage ramp or free-wheel stopAcceleration ramps 1-20	Number of controlled 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	•		INI.	
Rated insulation voltage Ui  Programming interface  Settings: starting voltage, acceleration ramp. Note, Potentiometers can be disabled via NFC.  Display  Programming with NFC technology  Optical port  Startup and stop settings  Startup method  Voltage ramp with vicurrent limit  Stop method  Acceleration ramp  Voltage ramp or free-wheel stop  Acceleration ramp  s 1-20				
Programming interfacePotentiometerSettings: starting voltage, acceleration ramp, deceleration ramp, deceleration ramp. Note. Potentiometers can be disabled via NFC.DisplayNoProgramming with NFC technologyYesOptical portYesStartup and stop settingsVoltage ramp with current limitStop methodVoltage ramp or free-wheel stopAcceleration ramps	Cooling System			
Potentiometer  Potentiometer  Potentiometer  Potentiometer  Potentiometer  Display  Programming with NFC technology  Optical port  Startup and stop settings  Startup method  Stop method  Acceleration ramp, deceleration ramp, Note. Potentiometers can be disabled via NFC.  Potentiometers  Van No  Yes  Startup Startup Mo  Voltage ramp with current limit  Voltage ramp or free-wheel stop  Acceleration ramp  S 1-20			V	600
Potentiometer  Potentiometer  Potentiometer  Potentiometer  Display  Programming with NFC technology  Programming with NFC technology  Yes  Optical port  Startup and stop settings  Startup method  Stop method  Acceleration ramp, Note. Potentiometers can be disabled via NFC.  No  Yes  Ves  Ves  Ves  Voltage ramp with current limit  Voltage ramp or free-wheel stop  Acceleration ramp  s 1-20	Programming interface			
ramp. Note. Potentiometers can be disabled via NFC.  Display  Programming with NFC technology  Optical port  Startup and stop settings  Startup method  Stop method  Acceleration ramp  ramp. Note. Potentiometers can be disabled via NFC.  No  Yes  Voltage ramp with current limit  Voltage ramp or free-wheel stop  Acceleration ramp  s 1-20				voltage, acceleration ramp,
Programming with NFC technology  Optical port  Startup and stop settings  Startup method  Stop method  Acceleration ramp  Yes  Voltage ramp with current limit  Voltage ramp or free-wheel stop  s 1-20	Potentiometer			ramp. Note. Potentiometers can be disabled
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  s 1-20	Display			No
Startup and stop settingsStartup methodVoltage ramp with current limitStop methodVoltage ramp or free-wheel stopAcceleration ramps1-20				
Startup methodVoltage ramp with current limitStop methodVoltage ramp or free-wheel stopAcceleration ramps1-20				Yes
Stop method  Stop method  Stop method  Acceleration ramp  s 1-20	Startup and stop settings			N. 10
Acceleration ramp free-wheel stop s 1-20	Startup method			current limit
<u>'</u>	Stop method			
Deceleration ramp s 0-20				
	Deceleration ramp		S	0-20





ADXNP01824

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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





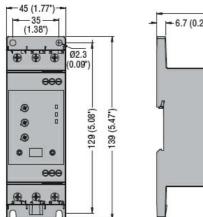
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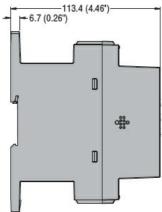
Digital outputs				
Digital Gutputo		Number of digital output	Nr.	2 2 NO contacts
		Digital output arrangement		with the same common, 5A 250VAC AC1 - 5A 30 VDC Programmable:
Communication into	n faces	Digital output functions		line contactor (Run), TOR (Top Of Ramp), alarm, max torque
Communication inte	enaces			NEC optical part
Communication inte				NFC, optical port for the connection of USB (CX01) and Wi-Fi (CX02) devices, optional RS485 module (CX04) Modbus RTU protocol
Ambient conditions				
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 protect	etion			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