electric SOFT STARTER, ADXNP... TYPE, ADVANCED VERSION, WITH INTEGRATED BY-PASS RELAY. AUXILIARY SUPPLY 24VAC/DC. RATED OPERATIONAL VOLTAGE 208...600VAC, 25A **ENERGY AND AUTOMATION**

Product designation Soft starter advanced by three phase advanced three phase. Electrical features Type of system Rated supply voltage (us.) 208600VAC available with providinge (us.) 24VAC/DC 24V				
Product type designation	Product designation			
Motor type Saynchronous three phase Supplies voltage Supplies				
Clear Common C				
Supplies voltage Type of system Rated supply voltage auxiliary supply voltage (Us) Rated frequency Programming interface Three phase 24VAC/DC 24VAC 24VAC/DC 24VAC/DC 24VAC 24VAC/DC 24VAC/DC 24VAC 24VAC/DC 24VAC/DC 24VAC 24VAC/DC 24VAC/DC 24VAC 24VAC/DC 24VAC 2				three phase
Rated supply voltage auxiliary supply voltage (us) Rated frequency V 208600VAC 24VAC/DC 24VAC 2				
Rated motor power IEC ratings (T≤40°C) 230VAC kW 5.5 400VAC kW 11 500VAC kW 15 UL ratings (T≤40°C) 220-240VAC KW 15 HP 7.5 380-415VAC HP 10 440-480VAC HP 15 550-600VAC HP 20 Number of controlled phases Nr. 2 220-240VAC HP 20 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, Note. Protentiometers 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 with current limit Voltage ramp or free-wheel stop Voltage ramp or free-wheel stop		Rated supply voltage auxiliary supply voltage (Us)		208600VAC 24VAC/DC
IEC ratings (T≤40°C)	Rated starter current le			
Potentiometer Potentiomete				_
\$\frac{400VAC}{500VAC} \ kW \ 15 15	IEC ratings (T≤40°C)	23U//VC	۲/۷/	5.5
S00VAC				
220-240VAC				
Settings: starting voltage voltage voltage voltage acceleration ramp, deceleration ramp. Note. Potentiometer Potentiometer via NFC. Potentio	UL ratings (T≤40°C)			
440-480VAC HP 15 550-600VAC HP 20 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 tourrent limit Stop method Voltage ramp or free-wheel stop				
Number of controlled phases 550-600VAC HP 20 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. 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				
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. Potentiometer 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				
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. 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	Number of controlled phases	330-600VAC		
Cooling System 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 Natural or forced (optional) V 600 Settings: starting voltage, acceleration ramp. Note. Potentiometers can be disabled via NFC. Ves Voltage ramp with vicurrent limit Voltage ramp with current limit Voltage ramp or free-wheel stop			141.	
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				
Potentiometer Potentiometer Potentiometer Potentiometer Potentiometer Display Programming with NFC technology Programming with NFC technology Yes Optical port Startup and stop settings Startup method Stop method Settings: starting voltage, acceleration ramp, Note. Potentiometers can be disabled via NFC. No Programming with NFC technology Yes Startup and stop settings Voltage ramp with current limit Voltage ramp or free-wheel stop	Rated insulation voltage Ui		V	
Potentiometer Potentiometer Potentiometer Potentiometer Display Programming with NFC technology Optical port Startup and stop settings Startup method Stop method Voltage ramp or free-wheel stop	Programming interface			
Programming with NFC technology Optical port Startup and stop settings Startup method Stop method Yes Voltage ramp with current limit Voltage ramp or free-wheel stop	Potentiometer			voltage, acceleration ramp, deceleration ramp. Note. Potentiometers can be disabled
Optical port Startup and stop settings Startup method Stop method Voltage ramp with current limit Voltage ramp or free-wheel stop	Display			No
Startup and stop settings Startup method Stop method Voltage ramp with current limit Voltage ramp or free-wheel stop				
Startup method Voltage ramp with current limit Stop method Voltage ramp or free-wheel stop				Yes
Stop method Voltage ramp or free-wheel stop				
· · · · · · · · · · · · · · · · · · ·	Stop method			Voltage ramp or
Acceleration ramp s 1-20	Acceleration ramp		S	1-20
Deceleration ramp s 0-20				





ADXNP02524

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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			
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 Digital input type Digital input functions	Nr.	1 Volt-free contact Motor start



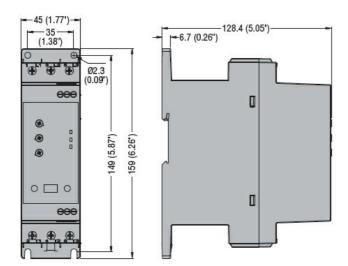


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Digital outputs				
Digital Guiputo		Number of digital output	Nr.	2 2 NO contacts
		Digital output arrangement		with the same common, 5A 250VAC AC1 - 5A 30 VDC Programmable:
Communication into	urto coo	Digital output functions		line contactor (Run), TOR (Top Of Ramp), alarm, max torque
Communication inte	enaces			NEC optical port
Communication inte	rface			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	min	°C	-20
		111111	O	+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	,			Ш
Housing				
Mounting				Screw-fixing or 35mm DIN rail (IEC/EN/BS 60715)
IP degree of protec				IP20
Dimensions (W x H	x D)		mm	45 x 159 x 128.4
Weight			Kg	0.66
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