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**

## Electrical features Supplies voltage				9 9 9 * K
Product type designation	Product designation			
Motor type	•			
## Electrical features Supplies voltage				Asynchronous
Type of system Rated supply voltage auxiliary supply voltage (Us) Rated frequency Part (Us) 208600V. 24VAC/DC (Us) 24V	Motor type			three phase
Type of system Rated supply voltage auxiliary supply voltage (Us) 208600				
Rated supply voltage (Us) auxiliary supply voltage (Us) auxiliary supply voltage (Us) auxiliary supply voltage (Us) available (Us) 24VAC/IDC 208600V 24VAC/IDC Rated starter current le A 18 Rated motor power IEC ratings (T≤40°C) 230VAC kW 4 4 40VAC kW 7.5 500VAC kW 11 UL ratings (T≤40°C) 220-240VAC KW 11 HP 5 3 380-415VAC HP 10 440-480VAC HP 10 550-600VAC HP 15 Nr. 2 Yes Number of controlled phases Nr. 2 Yes Cooling System V 600 Natural or fc (optional) Rated insulation voltage Ui V 600 Natural or fc (optional) Programming interface Settings: starolitage, acceleratior ramp, Note, Potentiome can be disavial with PC technology Settings: starolitage, acceleratior ramp, Note, Potentiome can be disavial win PC. Display No Yes Display No Yes Optical port Yes Startup and stop settings Voltage ram current limit. Startup method Voltage ram current limit. Voltage ram current limit. Voltage ram current limit. Voltage ram current limit. Voltage ram current limit.	Supplies voltage	Type of system		Throe phace
Auxiliary supply voltage (Us) Rated frequency Hz 50/60			V	
Rated starter current le Rated frequency Hz 50/60 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 HP 5 380-415VAC HP 10 440-480VAC HP 10 10 550-600VAC HP 15 Number of controlled phases Nr. 2 Built-in bypass Yes Cooling System Natural or fc (optional) Rated insulation voltage Ui V 600 Programming interface Settings: stavoltage, acceleration ramp, Note, Potentiome can be disa via NFC. Display No Programming with NFC technology Yes Optical port Yes Startup and stop settings Voltage ram current limit Startup method Voltage ram current limit Stron method Voltage ram current limit Voltage ram current limit Voltage ram current limit			v	
Rated motor power			Hz	50/60
IEC ratings (T≤40°C)	Rated starter current le		Α	18
230VAC	•			
\$\frac{400VAC}{500VAC} \ kW 7.5 \\ \$\frac{500VAC}{500VAC} \ kW 11 \end{align*} \] \$\frac{1}{500VAC} \ kW 11 \end{align*} \] \$\frac{220-240VAC}{380-415VAC} \ HP 5 \\ \$\frac{380-415VAC}{440-480VAC} \ HP 10 \\ \$\frac{440-480VAC}{550-600VAC} \ HP 15 \\ \$\frac{10}{550-600VAC} \ HP 15 \\ \$\frac{10}{550-600VAC} \ HP 15 \\ \$\frac{10}{550-600VAC} \ HP 15 \\ \$\frac{10}{500-600VAC} \ HP 10 \\ \$\frac{10}{500-600VAC}	IEC ratings (T≤40°C)	2201/40	1-107	4
Table Tab				
UL ratings (T≤40°C)				
220-240VAC	UL ratings (T≤40°C)	333		
Auto-480VAC HP 10	· ,	220-240VAC	HP	5
Number of controlled phases Yes Cooling System Rated insulation voltage Ui Programming interface Settings: stavoltage, acceleration ramp, deceleration ramp, Note. Potentiometer Potentiometer Potentiometer Display No Programming with NFC technology Optical port Startup and stop settings Startup method Voltage ram current limit Stop method Voltage ram				
Number of controlled phases Built-in bypass Yes Cooling System Rated insulation voltage Ui Programming interface Settings: stavoltage, acceleration ramp, voltage, acceleration ramp, Note. Potentiometer Potentiometer Display Programming with NFC technology Optical port Startup and stop settings Startup method Voltage ram current limit Stop method Voltage ram Voltage ram Voltage ram Current limit Voltage ram Current limit Voltage ram Current limit				
Built-in bypass Yes Cooling System Natural or for (optional) Rated insulation voltage Ui V 600 Programming interface Settings: sta voltage, acceleration ramp, of deceleration ramp, Note. Potentiome can be disa via NFC. Display No Programming with NFC technology Yes Optical port Yes Startup and stop settings Voltage ram current limit Startup method Voltage ram current limit Stop method Voltage ram	Number of controlled phases	550-600VAC		
Cooling System Rated insulation voltage Ui Programming interface Settings: stavoltage, acceleration ramp, Potentiometer Potentiometer Potentiometer Display Programming with NFC technology Optical port Startup and stop settings Startup method Natural or fc (optional) V 600 Settings: stavoltage, acceleration ramp, Note. Potentiome can be disavia NFC. Display No Programming with NFC technology Yes Startup and stop settings Startup method Voltage ram current limit Stop method	•		INI.	
Rated insulation voltage Ui V 600 Programming interface Settings: stavoltage, acceleration ramp, deceleration ramp, Note. Potentiometer deceleration ramp, Note. Potentiome can be disavia NFC. Display No Programming with NFC technology Yes Optical port Yes Startup and stop settings Startup method Voltage ram current limit Stop method Voltage ram				Natural or forced
Programming interface Settings: stavoltage, acceleration ramp, deceleration ramp. Note. Potentiometer Display Programming with NFC technology No Programming with NFC technology Yes Optical port Startup and stop settings Startup method Voltage ram current limit Stop method	Cooling System			
Settings: stavoltage, acceleration ramp, deceleration ramp, Note. Potentiometer deceleration ramp. Note. Potentiome can be disavia NFC. Display No Programming with NFC technology Yes Optical port Yes Startup and stop settings Startup method Voltage ram current limit			V	600
Potentiometer Potentiometer Potentiometer Potentiometer Can be disa via NFC. Display Programming with NFC technology Optical port Startup and stop settings Startup method Voltage ram Stop method Voltage ram Stop method	Programming interface			
ramp. Note. Potentiome can be disa via NFC. Display Programming with NFC technology Optical port Startup and stop settings Startup method Stop method ramp. Note. Potentiome can be disa via NFC. Yes Ves Ves Voltage ram current limit Voltage ram Voltage ram				acceleration ramp,
Programming with NFC technology Optical port Startup and stop settings Startup method Voltage ram current limit Voltage ram	Potentiometer			ramp. Note. Potentiometers can be disabled
Optical port Startup and stop settings Startup method Voltage ram current limit Voltage ram	Display			
Startup and stop settings Startup method Stop method Voltage ram current limit Voltage ram				
Startup method Stop method Voltage ram current limit Voltage ram				Yes
Stanup method current limit Stop method Voltage ram	Startup and stop settings) () () () () () () () () () (
	Startup method			Voltage ramp with current limit
	Stop method			Voltage ramp or free-wheel stop
Acceleration ramp s 1-20				
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		Yes
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





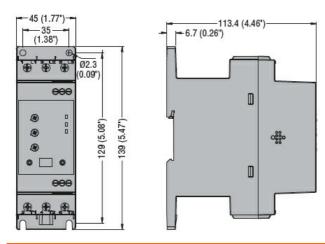
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Digital outputs				
Digital Gutputo		Number of digital output	Nr.	2 2 NO contacts
		Digital output arrangement		with the same common, 5A 250VAC AC1 - 5A 30 VDC Programmable:
Communication into	n faces	Digital output functions		line contactor (Run), 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