

ENERGY AND AUTOMATION

SOFT STARTER, ADXNP... TYPE, ADVANCED VERSION, WITH INTEGRATED BY-PASS RELAY, BUILT-IN FAN. AUXILIARY SUPPLY 24VAC/DC. RATED OPERATIONAL VOLTAGE 208...600VAC, 45A

				** ** ** ** ** ** ** ** ** ** ** ** **
Product designation				Soft starter
Product type designation	on			advanced ADXNP
Motor type				Asynchronous
Electrical features				three phase
Supplies voltage				
		Type of system Rated supply voltage auxiliary supply voltage (Us) Rated frequency	V Hz	Three phase 208600VAC 24VAC/DC 50/60
Rated starter current le	;	. ,	Α	45
Rated motor power				
	IEC ratings (T≤40°C)	230VAC	kW	11
		400VAC	kW	22
		500VAC	KW	30
	UL ratings (T≤40°C)			
		220-240VAC	HP	15
		380-415VAC	HP	25
		440-480VAC 550-600VAC	HP HP	30 40
Number of controlled p	hases	330-000VAC	Nr.	2
Built-in bypass				Yes
Cooling System				Forced
Rated insulation voltage	e Ui		V	600
Programming interface				
				Settings: starting voltage, acceleration ramp,
Potentiometer				deceleration ramp. Note. Potentiometers can be disabled via NFC.
Display				No
Programming with NFC	ctechnology			Yes
Optical port				Yes
Startup and stop setting	gs			V 16 20
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

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Power supply Protection Power supply Protection Motor protection Motor protection Motor protection Motor protection Motor protection Starter protection Starter protection Starter protection Starter protection Starter protection The protection of the pr	Startup voltage			%	30-80
Power supply Protection Power supply Protecti	Protections				
Electronic current thermal protection Motor protection Starter protection Starter protection Digital input services asymmetry, load too low, starting too long Overtemperature and overcurrent Number of digital input proper Digital input functions Number of digital output Nr. 1 Volt-free contact Motor start Number of digital output Nr. 2 2 NO contacts with the same common, 5A 250VAC AC1 - 5A 30 VDC Programmable: line contactor (Run), TOR (Top Of Ramp), alarm, max torque Communication interface Communication interface NFC, optical port for the connection of USB (CX01) and Wyl-Fir (CX02) devices, optional RS485 module (CX04) Mocbus RTU protocol Ambient conditions Temperature Operating temperature Operating temperature Min °C -20 +60°C (with current derating) >40°C) Storage temperature min °C -30	Power supply Protection	on			phase loss, frequency out of limits, minimum and maximum voltage and
Injust and Output Digital inputs Number of digital input be pligital input type Digital input functions Number of digital output functions Number of digital output Investigation of the same common, 5A 250VAC AC1 - 5A 30 VDC Programmable: line contactor (Run), TOR (Top Of Ramp), alarm, max torque Communication interfaces Communication interface NFC, optical port for the connection of USB (CX01) and Wi-Fi (CX02) devices, optional R3485 module (CX04) Modbus R7U protocol Ambient conditions Temperature Coperating temperature Operating temperature Nr. 2 2 No contacts with the same common, 5A 250VAC AC1 - 5A 30 VDC Programmable: line contactor (Run), TOR (Top Of Ramp), alarm, max torque NFC, optical port for the connection of USB (CX01) and Wi-Fi (CX02) devices, optional R3485 module (CX04) Modbus R7U protocol Ambient conditions Temperature Operating temperature Nr. 2 2 No contacts with the same common, 5A 250VAC AC1 - 5A 30 VDC Programmable: line contactor (Run), TOR (Top Of Ramp), alarm, max torque NFC, optical port for the connection of USB (CX01) and Wi-Fi (CX02) devices, optional R3485 module (CX04) Modbus R7U protocol Ambient conditions Temperature Operating temperature Nin °C -20 +60°C (with connection of USB (CX01) and Wi-Fi (CX02) devices, optional R3485 module (CX04) Modbus R7U protocol	Motor protection				Electronic current thermal protection (overload), locked rotor, current asymmetry, load too low, starting too long
Input and Output Digital input Digital output Digital outpu	Starter protection				
Digital inputs Number of digital input type Digital output Nr. 2 2 NO contacts with the same Common, 5A 250VAC AC1 - 5A 30 VDC Programmable: line contactor (Run), TOR (Top Of Ramp), alarm max torque Digital output functions NFC, optical port for the Connection of USB (CXO1) and Wi-Fi (CXO2) devices, optional RS485 module (CXO4) Modbus RTU protocol Rampinal type Digital output functions RS485 module (CXO4) Modbus RTU protocol Rampinal type R	Input and Output				
Number of digital input Mr. 1 Volt-free contact Digital input type Digital input functions					
Number of digital output Nr. 2 2 NO contacts with the same common, 5A 250VAC AC1 - 5A 30 VDC Programmable: line contactor (Run), TOR (Top Of Ramp), alarm, max torque Communication interfaces 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 Storage temperature NFC -20 +60°C (with current derating >40°C) Storage temperature NFC -30 VDC -2 20 +60°C (with current derating >40°C) Storage temperature			Digital input type	Nr.	Volt-free contact
Digital output arrangement Digital output functions NFC, optical port for the connection of USB (CX01) and Wi-Fi (CX02) devices, optional R5485 module (CX04) Modbus RTU protocol Ambient conditions Temperature Operating temperature Operating temperature Storage temperature min °C -20 +60°C (with max °C current derating >40°C) Storage temperature min °C -30	Digital outputs		Number of digital output	Nr.	2 NO contacts
Digital output functions (Run), TOR (Top Of Ramp), alarm, max torque Communication interfaces 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 Storage temperature Temperature Nin °C -20 +60°C (with max °C current derating >40°C) Storage temperature			Digital output arrangement		common, 5A 250VAC AC1 - 5A 30 VDC Programmable:
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 +60°C (with max °C current derating >40°C) Storage temperature min °C -30			Digital output functions		(Run), TOR (Top Of Ramp), alarm,
Communication interface Communication interface Communication interface Communication interface Wi-Fi (CX02) devices, optional RS485 module (CX04) Modbus RTU protocol Ambient conditions Temperature Operating temperature min °C -20 +60°C (with max °C current derating >40°C) Storage temperature min °C -30	Communication interface	ces			
Ambient conditions Temperature Operating temperature min °C -20 +60°C (with max °C current derating >40°C) Storage temperature min °C -30	Communication interface	ce			for the connection of USB (CX01) and Wi-Fi (CX02) devices, optional
Temperature Operating temperature min °C -20 +60°C (with max °C current derating >40°C) Storage temperature min °C -30					(CX04) Modbus
Operating temperature min °C -20 +60°C (with max °C current derating >40°C) Storage temperature min °C -30	Ambient conditions				
min °C -20 +60°C (with max °C current derating >40°C) Storage temperature min °C -30	remperature	Operating temperature			
max °C current derating >40°C) Storage temperature min °C -30		Operating temperature	min	°C	
min °C -30			max	°C	current derating
		Storage temperature			
max 0 100			min max	°C °C	-30 +80

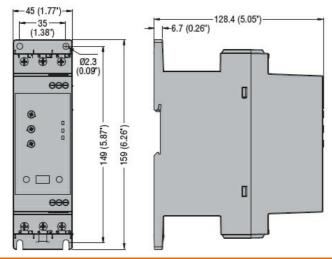


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Max altitude	m	1000 without derating of the starter current
Relative humidity	%	<80%
Pollution degree		2
Installation category		III
Housing		
Mounting		Screw-fixing or 35mm DIN rail (IEC/EN/BS 60715)
IP degree of protection		IP20
Dimensions (W x H x D)	mm	45 x 159 x 128.4
Weight	Kg	0.69

Dimensions



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