

**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, 38A

				** ** ** ** ** ** ** ** ** ** ** ** **
Product designation				Soft starter
Product type designation				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	38
Rated motor power				
	IEC ratings (T≤40°C)	230VAC	kW	11
		400VAC	kW	18.5
		500VAC	KW	22
	UL ratings (T≤40°C)			
		220-240VAC	HP	10
		380-415VAC	HP	20
		440-480VAC 550-600VAC	HP HP	25 30
Number of controlled p	hases	330 000 770	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 technology				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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ADXNP03824

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





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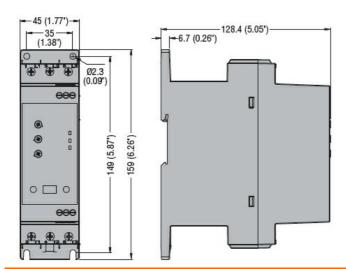
SOFT STARTER, ADXNP... TYPE, ADVANCED VERSION, WITH INTEGRATED BY-PASS RELAY, BUILT-IN FAN. AUXILIARY SUPPLY 24VAC/DC. RATED OPERATIONAL VOLTAGE 208...600VAC, 38A

Number of digital output	Digital autouta				
Digital output arrangement	Digital outputs	Number of digital output	Nr.	2 NO contacts	
Digital output functions		Digital output arrangement		common, 5A 250VAC AC1 - 5A 30 VDC Programmable: line contactor (Run), TOR (Top Of Ramp), alarm,	
NFC, optical port for the connection of USB (CX01) and Wi-Fi (CX02) devices, optional RS485 module (CX04) Modbus RTU protocol   NFC (CX04) Modbus RTU protocol (CX04) Modbus RTU protocol   NFC (CX04) Modbus RTU protocol (CX04) Modbus RTU protocol   NFC (CX04) Modbus RTU protocol (CX04) Modbus RTU protocol   NFC (CX04) Modbus RTU protocol (CX0	Communication interfaces	Digital output functions			
For the connection of USB (CXO1) and Wi-Fi (CXO2) devices, optional RS-485 module (CXO4) Modbus RTU protocol   Ambient conditions	Communication interfaces			NEC ontical port	
Temperature	Communication interface			for the connection of USB (CX01) and Wi-Fi (CX02) devices, optional RS485 module (CX04) Modbus	
Operating temperature	Ambient conditions				
Min   C   -20	·				
He0°C (with current derating >40°C)   Storage temperature   min	Operating temperature		0.0	00	
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%		min			
min max         °C max         -30 max           Max altitude         1000 without derating of the starter current           Relative humidity         %         <80%		max	°C	current derating	
Max altitude         max         °C         +80           Max altitude         1000 without derating of the starter current           Relative humidity         %         <80%	Storage temperature				
Max altitude         m         1000 without derating of the starter current           Relative humidity         %         <80%					
Max altitude         m         derating of the starter current           Relative humidity         %         <80%		max	-°C		
Relative humidity         %         <80%           Pollution degree         2           Installation category         III           Housing         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	Max altitude		m	derating of the	
Installation category         III           Housing         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	Relative humidity		%		
HousingMountingScrew-fixing or 35mm DIN rail (IEC/EN/BS 60715)IP degree of protectionIP20Dimensions (W x H x D)mm $45 \times 159 \times 128.4$ WeightKg $0.69$	Pollution degree			2	
$\begin{array}{c} \text{Mounting} & \begin{array}{c} \text{Screw-fixing or} \\ 35\text{mm DIN rail} \\ \text{(IEC/EN/BS} \\ 60715) \\ \\ \text{IP degree of protection} & \text{IP20} \\ \\ \hline \text{Dimensions (W x H x D)} & \text{mm} & 45 \text{ x } 159 \text{ x } 128.4 \\ \\ \text{Weight} & \text{Kg} & 0.69 \\ \end{array}$				Ш	
Mounting         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	Housing				
IP degree of protection         IP20           Dimensions (W x H x D)         mm         45 x 159 x 128.4           Weight         Kg         0.69	Mounting			35mm DIN rail (IEC/EN/BS	
Dimensions (W x H x D)         mm         45 x 159 x 128.4           Weight         Kg         0.69	IP degree of protection				
Weight Kg 0.69			mm		
	,				



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## 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