



Soft starter  
advanced  
ADXNP  
Asynchronous  
three phase

Product designation

Product type designation

Motor type

**Electrical features**

Supplies voltage

Type of system		Three phase
Rated supply voltage	V	208...600VAC
auxiliary supply voltage (Us)		100...240VAC
Rated frequency	Hz	50/60
Rated starter current Ie	A	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	HP	30
550-600VAC	HP	40

Number of controlled phases

Nr. 2

Built-in bypass

Yes

Cooling System

Forced

Rated insulation voltage Ui

V 600

**Programming interface**

Potentiometer

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**

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

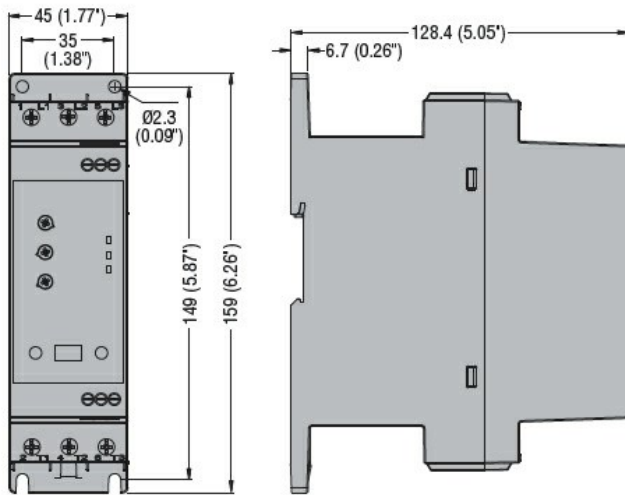
Startup voltage		%	30-80
<b>Protections</b>			
Power supply Protection			No power line, phase loss, frequency out of limits, minimum and maximum voltage and phase sequence
Motor protection			Electronic current thermal protection (overload), locked rotor, current asymmetry, load too low, starting too long
Starter protection			Overtemperature and overcurrent
<b>Input and Output</b>			
Digital inputs	Number of digital input	Nr.	1
	Digital input type		Volt-free contact
	Digital input functions		Motor start
Digital outputs	Number of digital output	Nr.	2
	Digital output arrangement		2 NO contacts with the same common, 5A 250VAC AC1 - 5A 30 VDC
	Digital output functions		Programmable: line contactor (Run), TOR (Top Of Ramp), alarm, max torque
<b>Communication interfaces</b>			
Communication interface			NFC, optical port for the connection of USB (CX01) and Wi-Fi (CX02) devices, optional RS485 module (CX04) Modbus RTU protocol
<b>Ambient conditions</b>			
Temperature	Operating temperature	min	°C -20
		max	°C +60°C (with 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 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