



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)		24VAC/DC
Rated frequency	Hz	50/60
Rated starter current Ie	A	12

Rated motor power

IEC ratings (T≤40°C)

230VAC	kW	3
400VAC	kW	5.5
500VAC	KW	5.5

UL ratings (T≤40°C)

220-240VAC	HP	3
380-415VAC	HP	5
440-480VAC	HP	7.5
550-600VAC	HP	10

Number of controlled phases

Nr. 2

Built-in bypass

Yes

Cooling System

Natural or forced
(optional)

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

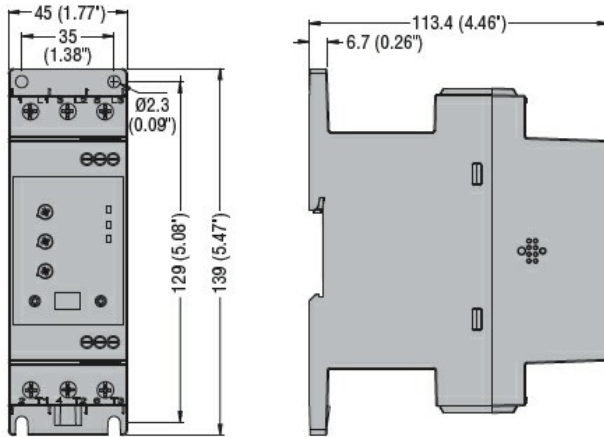
Startup voltage		%	30-80
Protections			
Power supply Protection			No power line, phase loss, frequency out of limits, minimum and maximum voltage and phase sequence
Motor protection			Electronic current thermal protection (overload), locked rotor, current asymmetry, load too low, starting too long
Starter protection			Overtemperature and overcurrent
Input and Output			
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
Communication interfaces			
Communication interface			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
		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 139 x 113.4
Weight	Kg	0.47

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
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