Product designation			Soft starter advanced
Product type designation			ADXNP
Motor type			Asynchronous three phase

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	18
Rated motor power			
	IEC ratings (T≤40°C)		
	230VAC	kW	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
	550-600VAC	HP	15
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
Functions			
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			No
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.	1
	Digital input type		Volt-free contact
	Digital input functions		Motor start

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

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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			
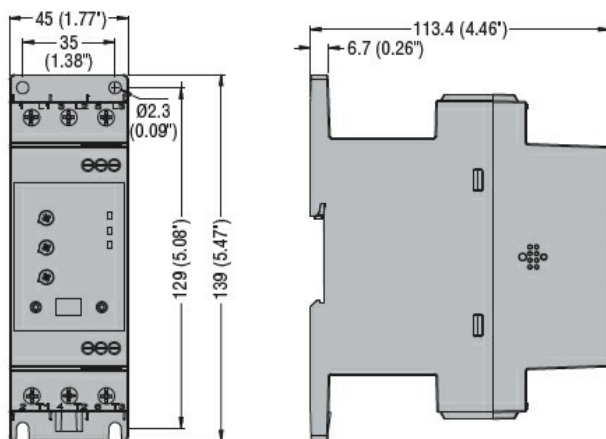
Certifications and compliance

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