



Product designation

Product type designation

Motor type

Soft starter
advanced
ADXNP
Asynchronous
three phase

Electrical features

Supplies voltage

Type of system	Three phase
Rated supply voltage	208...600VAC
auxiliary supply voltage (Us)	100...240VAC
Rated frequency	50/60
Rated starter current Ie	30

Rated motor power

IEC ratings (T≤40°C)

230VAC	kW	7.5
400VAC	kW	15
500VAC	KW	18.5

UL ratings (T≤40°C)

220-240VAC	HP	10
380-415VAC	HP	15
440-480VAC	HP	20
550-600VAC	HP	25

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		Yes
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		Yes
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		1
Analog inputs		0
Digital outputs		2
Analog output		0
Monitoring communication		No
Optical port for programming		Yes
Event log		Yes
Motor hour counter		No
Startup counter		Yes
Clock calendar		Yes
Remote external keypad		No
Input and Output		
Digital inputs	Number of digital input Digital input type Digital input functions	Nr. 1 Volt-free contact 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
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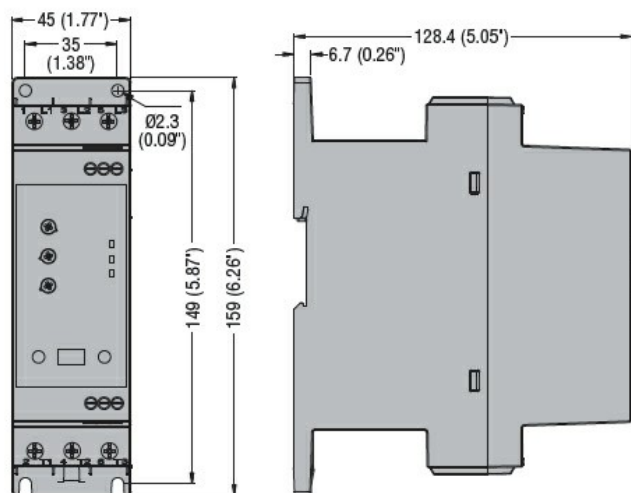
Ambient conditions

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 159 x 128.4
Weight	Kg	0.66

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