



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 | V | 208...600VAC |
| auxiliary supply voltage (Us) | | 24VAC/DC |
| Rated frequency | Hz | 50/60 |
| Rated starter current Ie | A | 6 |

Rated motor power

IEC ratings (T≤40°C)

| | | |
|--------|----|-----|
| 230VAC | kW | 1.1 |
| 400VAC | kW | 2.2 |
| 500VAC | KW | 3 |

UL ratings (T≤40°C)

| | | |
|------------|----|-----|
| 220-240VAC | HP | 1.5 |
| 380-415VAC | HP | 2 |
| 440-480VAC | HP | 3 |
| 550-600VAC | HP | 5 |

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 |

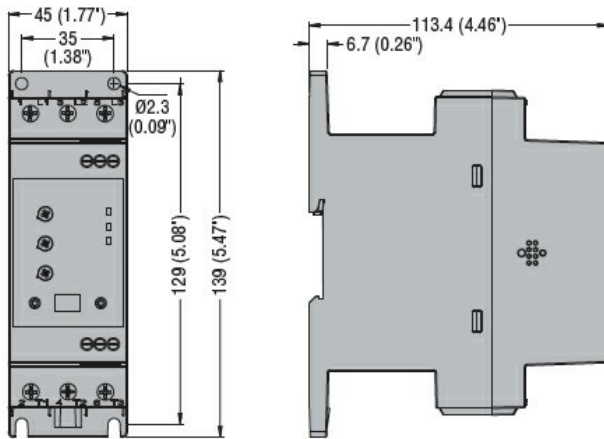
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|-----------------------|---|--|
| Max altitude | m | 1000 without derating of the starter current |
| Relative humidity | % | <80% |
| Pollution degree | | 2 |
| Installation category | | III |

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 |
|----------|-------------------------|