



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 | 38 |

Rated motor power

IEC ratings (T≤40°C)

| | | |
|--------|----|------|
| 230VAC | kW | 11 |
| 400VAC | kW | 18.5 |
| 500VAC | KW | 22 |

UL ratings (T≤40°C)

| | | |
|------------|----|----|
| 220-240VAC | HP | 10 |
| 380-415VAC | HP | 20 |
| 440-480VAC | HP | 25 |
| 550-600VAC | HP | 30 |

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

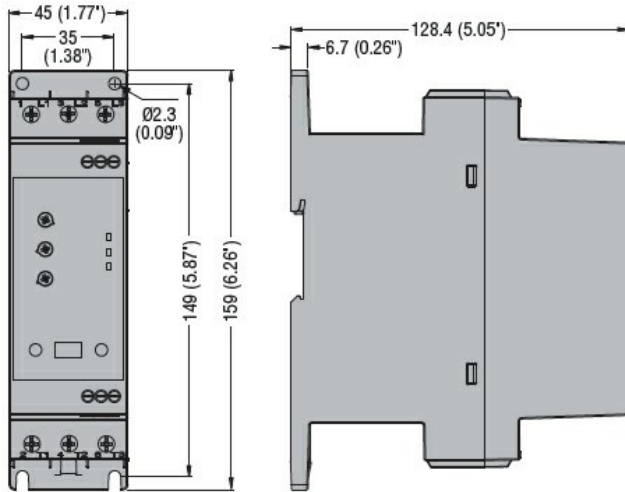
| | | | |
|---------------------------------|----------------------------|-----|---|
| Startup voltage | | % | 30-80 |
| Protections | | | |
| Power supply Protection | | | No power line, phase loss, frequency out of limits, minimum and maximum voltage and phase sequence |
| Motor protection | | | Electronic 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 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