



Product designation
Product type designation
Motor type

Soft starter basic
ADXNB
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 | 25 |
| Rated motor power | IEC ratings (T≤40°C) | | |
| | 230VAC | kW | 5.5 |
| | 400VAC | kW | 11 |
| | 500VAC | KW | 15 |
| | UL ratings (T≤40°C) | | |
| | 220-240VAC | HP | 7.5 |
| | 380-415VAC | HP | 10 |
| | 440-480VAC | HP | 15 |
| | 550-600VAC | HP | 20 |
| Number of controlled phases | | Nr. | 2 |
| Built-in bypass | | | Yes |
| Cooling System | | | Natural or forced (optional) |
| Rated insulation voltage Ui | | V | 600 |

Programming interface

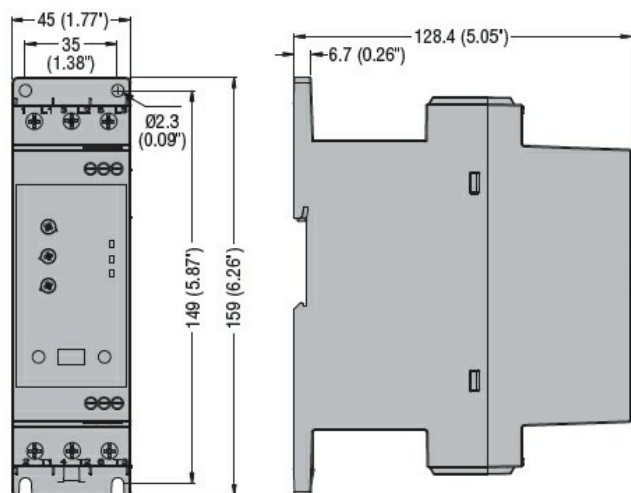
| | |
|---------------------------------|--|
| Potentiometer | Settings: starting voltage, acceleration ramp, deceleration ramp |
| Display | No |
| Programming with NFC technology | No |
| Optical port | No |

Startup and stop settings

| | |
|-------------------|---------------------------------|
| Startup method | Voltage ramp |
| 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, phase sequence (configurable) |
| Starter protection | | | | Overtemperature |
| 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 | | | Line contactor (Run), TOR (Top Of Ramp) |
| Communication interfaces | | | | |
| Communication interface | | | | No |
| 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 | 0.63 |
| 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