



Product designation
Product type designation
Motor type

Soft starter NFC
ADXNF
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 | 45 |
| Rated motor power | IEC ratings (T≤40°C) | | |
| | | 230VAC kW | 11 |
| | | 400VAC kW | 22 |
| | | 500VAC KW | 30 |
| | UL ratings (T≤40°C) | | |
| | | 220-240VAC HP | 15 |
| | | 380-415VAC HP | 25 |
| | | 440-480VAC HP | 30 |
| | | 550-600VAC HP | 40 |
| Number of controlled phases | | Nr. | 2 |
| Built-in bypass | | | Yes |
| Cooling System | | | Forced |
| Rated insulation voltage Ui | | V | 600 |

Programming interface

| | |
|---------------------------------|-----|
| Display | No |
| Programming with NFC technology | Yes |
| 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, minimum and maximum voltage and phase sequence |
| Starter protection | Overtemperature |

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 | No |
| Kick Start function | No |
| Motor overload electronic protection | No |
| Motor protection PTC input | No |
| Protection against phase loss | No |
| Protection against phase inversion | Yes |
| Protection against locked rotor | Yes |
| Protection against thyristor overtemperature | No |
| Protection against low load | Yes |
| Programmable alarm | No |
| Digital inputs | Yes |
| Analog inputs | Yes |
| Digital outputs | No |
| Analog output | Yes |
| Monitoring communication | No |
| Optical port for programming | Optional |
| Event log | No |
| Motor hour counter | No |
| Startup counter | No |
| Clock calendar | No |
| 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 |
| 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 |

Communication interfaces

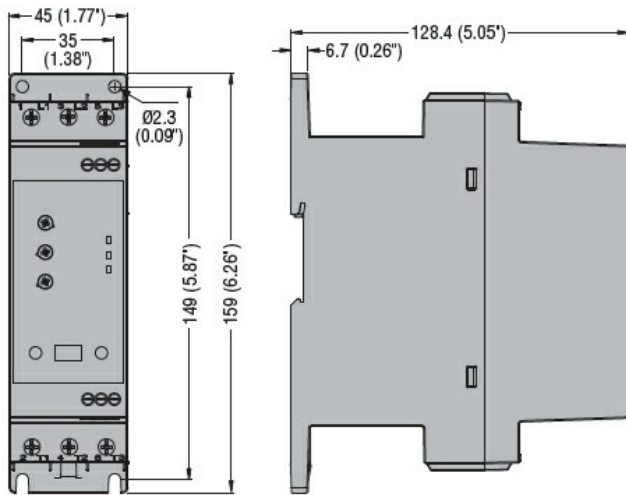
| | |
|-------------------------|-----|
| Communication interface | NFC |
|-------------------------|-----|

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 | | 0.67 |

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