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|--------------------------|--------------------------|
| Product designation | Soft starter basic |
| Product type designation | ADXNB |
| Motor type | Asynchronous three phase |

Electrical features

| | | |
|-----------------------------|-------------------------------|--------------|
| Supplies voltage | Type of system | Three phase |
| | Rated supply voltage | 208...600VAC |
| | auxiliary supply voltage (Us) | 24VAC/DC |
| | Rated frequency | 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

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

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 | No |
| 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 | | 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 | 0.66 |
| ETIM classification | | |
| ETIM 8.0 | | EC000640 - Soft starter |