



| | | | |
|----------------------------------|---|-------------|-----------------------|
| Product designation | Soft Starter | | |
| Product type designation | ADXL | | |
| Motor type | Asynchronous three phase | | |
| Electrical features | | | |
| Supplies voltage | Type of system | Three phase | |
| | Rated supply voltage | V | 208...600 VAC ±10% |
| | auxiliary supply voltage (Us) | | 100...240VAC ±10% |
| | Rated frequency | Hz | 50/60 |
| Rated starter current Ie | | A | 30 |
| Rated motor power | IEC ratings (T≤40°C) | | |
| | 230VAC | kW | 7.5 |
| | 400VAC | kW | 15 |
| | 500VAC | KW | 18.5 |
| | UL ratings (T≤40°C) | | |
| | 220-240VAC | hp | 10 |
| | 380-415VAC | hp | 15 |
| | 440-480VAC | hp | 20 |
| | 550-600VAC | hp | 25 |
| Number of controlled phases | | N° | 2 |
| Built-in bypass | Yes | | |
| Cooling System | Natural or forced (optional) | | |
| Rated insulation voltage Ui | | V | 600 |
| Programming interface | | | |
| Display | Backlit icon LCD display | | |
| Programming with NFC technology | Yes | | |
| Optical port | Yes | | |
| Startup and stop settings | | | |
| Startup method | Torque ramp with current limit, Voltage ramp with current limit, Constant torque with current limit | | |
| Stop method | Torque ramp, voltage ramp, free-wheel stop | | |
| Protections | | | |
| Auxiliary supply protection | Voltage too low | | |

| | |
|-------------------------|--|
| Power supply protection | No power, phase loss, phase sequence, frequency out of limits, minimum and maximum voltage |
| Motor protection | Overload at starting (trip class 2, 10A, 10, 15, 20, 25, 30, 35 and 40), overload during running (trip class 2, 10A, 10, 15, 20, 25 and 30), locked rotor, current asymmetry, minimum torque (dry run), overtemperature, starting too long |
| Starter protection | Overcurrent, overtemperature, bypass failure, phase shorted, temperature sensor fault, cooling fan fault, maintenance request |

Input and Output

Digital inputs

| | | |
|-------------------------|----|--|
| Number of digital input | n° | 3 |
| Digital input type | | 2 input with dry contact + 1 input with dry contact or PTC (configurable) Programmable (motor start, motor stop, freewheel stop, motor preheating, commands lock, alarms inhibition, thermal status reset, keyboard lock, motor selection, user alarm, command) |
| Digital input functions | | |

Digital outputs

| | | |
|--------------------------|----|---|
| Number of digital output | n° | 3 |
|--------------------------|----|---|

| | |
|----------------------------|--|
| Digital output arrangement | 2 x 1 NO (SPST) + 1 C/O (SPDT) Ratings: 2 x 1NO contacts: 3A 250VAC - 3A 30VDC 1 x C/O contact: NO contact 5A 250VAC - 5A 30VDC; NC contact 3A 250VAC - 3A 30VDC |
| Digital output functions | Programmable (line contactor, run, global alarm, limits, remote variable, alarm Axx, user alarm Axx, OFF) |

Ambient conditions

Temperature

Operating temperature

| | | |
|-----|----|---|
| min | °C | -20 |
| max | °C | +60°C (with current derating >40°C of 0.5%/ °C) |

Storage temperature

| | | |
|-----|----|-----|
| min | °C | -30 |
| max | °C | +80 |

Max altitude

| | |
|---|--|
| m | 1000 without derating (over 1000mt with current derating of 0.5%/100m) |
|---|--|

Relative humidity

| | |
|---|------|
| % | <80% |
|---|------|

Pollution degree

2

Installation category

III

Housing

Mounting

Screw-fixing or
35mm DIN rail
with optional
accessory
EXP8003

IP degree of protection

IP00

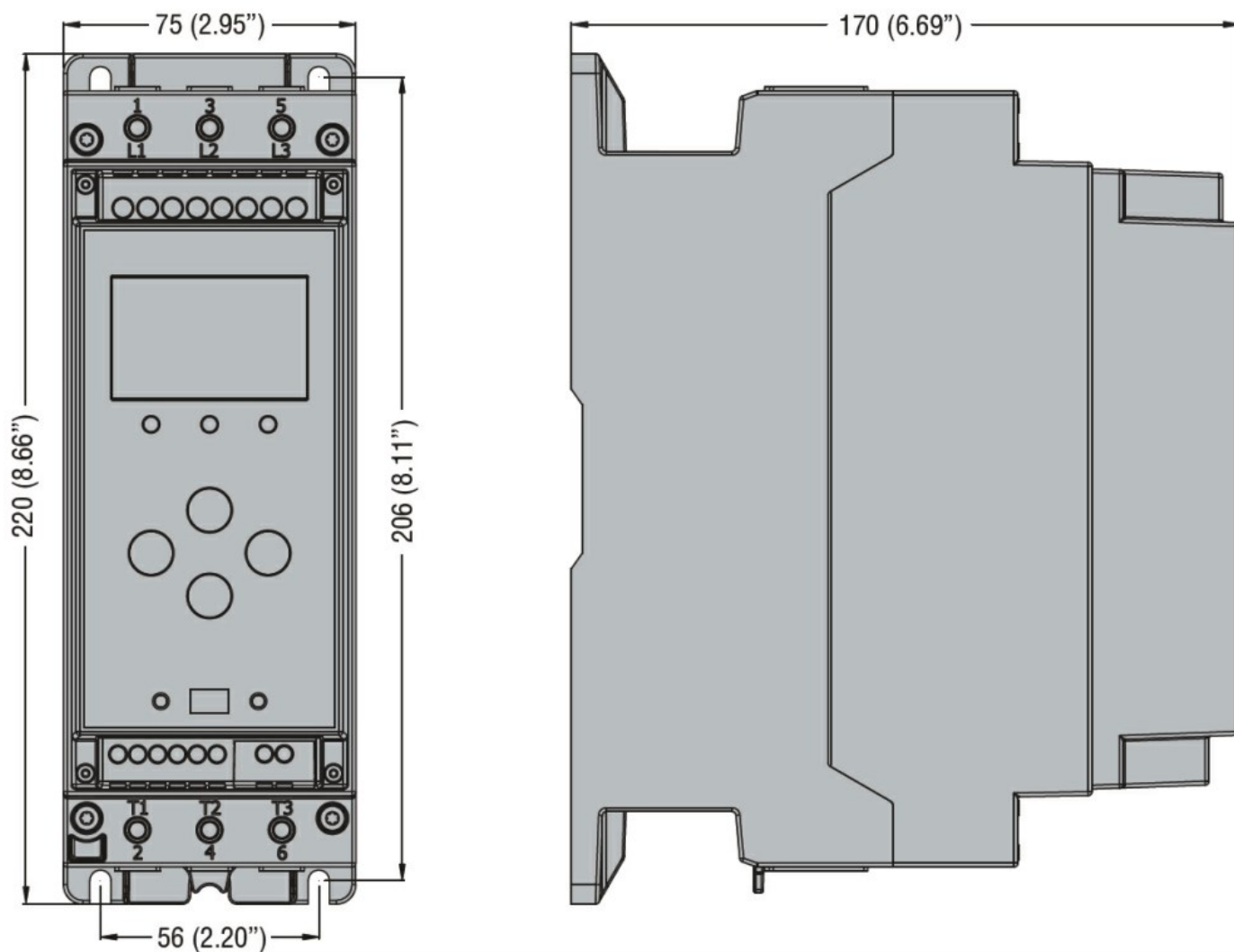
Dimensions (W x H x D)

| | |
|----|------------------|
| mm | 75 x 218 x 171.5 |
|----|------------------|

Weight

| | |
|----|-----|
| Kg | 2.1 |
|----|-----|

Dimensions



Certifications and compliance

Compliance

CSA C22.2 n° 14
 IEC/EN 60947-1
 IEC/EN 60947-4-2
 UL508

Certificates

cULus
 EAC
 RCM