DÉMARREURS PROGRESSIFS AVEC RELAIS BY PASS INTÉGRÉ (SOFT STARTER) 320A 600V



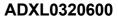
| | | | - |
|---------------------------------|------------------------------|-----|---------------------------------|
| Product designation | | | Soft Starter |
| Product type designation | | | ADXL |
| Motor type | | | Asynchronous three phase |
| Electrical features | | | and of prices |
| Supplies voltage | | | |
| | Type of system | | Three phase |
| | Rated supply voltage | V | 208600VAC |
| a | uxiliary supply voltage (Us) | | 100240VAC |
| | Rated frequency | Hz | 50/60 |
| Rated starter current le | | Α | 320 |
| Rated motor power | | | |
| IEC ratings (T≤40°C) | | | |
| | 230VAC | kW | 90 |
| | 400VAC | kW | 160 |
| | 500VAC | KW | 200 |
| UL ratings (T≤40°C) | | | |
| | 220-240VAC | HP | 125 |
| | 380-415VAC | HP | 200 |
| | 440-480VAC | HP | 250 |
| | 550-600VAC | HP | 300 |
| Number of controlled phases | | Nr. | 2 |
| Built-in bypass | | | Yes |
| Cooling System | | | Forced |
| 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 | | | T |
| | | | Torque ramp with current limit, |
| | | | Voltage ramp with |
| Startup method | | | current limit, |
| | | | Constant torque |
| | | | with current limit |
| | | | Torque ramp, |
| Stop method | | | voltage ramp, |
| | | | free-wheel stop |
| Protections | | | |
| Auxiliary supply protection | | | Voltage too low |





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| Power supply Protection Comment | | No power, phase |
|--|--|--|
| Power supply Protection frequency out of limits, minimum and maximum voltage 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, 30, 35) and 40), overload during running (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), Overcurrent, overtemperature, bypass failure, phase shorted, cooling fan fault, maintenance request Functions Built-in bypass 2 2 Built-in display and keypad Yes Built-in display and keypad Yes Languages Yes View measurements 6 6 Torque control Yes Dynamic braking Yes Dynamic braking Yes Kick Start function Yes Motor overload electronic protection Yes Motor overload electronic protection Yes Protection against phase inversion Yes Prote | | |
| limis, minimum and maximum woltage Overload at starting (trip class 2, 10A, 10, 15, 20, 25, 30, 35 and 40), overload at during running from the protection Motor protection Motor protection Motor protection Motor protection Motor protection Motor protection Starter protection sparse shorted, temperature Functions Starter protection protection Yes View measurements G Turque control Yes View measurements G Turque control Yes View measurements G Turque control Yes View measurements Yes View measu | Devices examply Dresto etion | |
| and maximum voltage Overload at starting (trip class 2, 10A, 10, 15, 20, 25, 30, 36, 3 and 40), overload during running Motor protection Motor protection Motor protection Motor protection Starter protection Starter protection Covercurrent, overtemperature sensor fault, cooling fan fault, maintenance request Functions Built-in bypass 2 Built-in bypass 2 Built-in display and keypad yes Languages Yes Languages Yes View measurements 6 Forque control Yes Adjustable current limit Yes Dynamic braking Yes Adjustable current limit Yes Dynamic braking Yes Motor protection PTC input Protection against phase loss Protection against phase loss Protection against phase inversion Programmable alarm Yes Protection against toked rotor Yes Protection against toked rotor Yes Protection against phase inversion Y | Power Supply Protection | |
| Voltage | | |
| Starter protection Motor protection Cerement asystymmetry, minimum torque (day run), by a sea failure, by a sea failure, by a sea failure, by a sea failure, phase shorted, temperature sensor fault, cooling fan fault, maintenance request Functions Built-in bypass 2 Built-in bypass 2 Built-in bypass 2 Built-in bypass 2 Languages Yes Languages Yes View measurements 6 Torque control Yes Adjustable current limit Yes Dynamic braking Yes Adjustable current limit Yes Protection against phase loss Yes Protection against phase loss Yes Protection against phase loss Yes Protection against phase weresion Yes Protection against phase weresion Yes Protection against locked rotor Yes Protection aga | | |
| Starting (trip class 2, 10A, 10, 15, 20, 25, 30, 35 and 40), overload during running running running running furtip class 2, 10A, 10, 15, 20, 25 and 30, locked rotor, current asymmetry, minimum torque, (dry run), overtemperature, bypass failure, phase shorted, temperature sensor fault, coling fan fault, maintenance request languages yet mainten | | |
| Part | | |
| Motor protection It (1), 15, 20, 25 and 30), locked rotor, current asymmetry, minimum torque (dry run), overturemperature, phase shorted, phase sh | | |
| Motor protection Starter protection protection Starter protection protection No Motor overload electronic protection No Motor overload electronic protection Yes Motor protection against phase loss Yes Protection against looked rotor | | |
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| rotor, current asymmetry, minimum torque (dry run), Overcurrent, overtemperature, bypass failure, phase shorted, temperature sensor fault, cooling fan fault, maintenance request sensor fault, cooling fault, maintenance request sensor fault, coolin | | |
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| FunctionsYesBuilt-in display and keypad2LanguagesYesView measurements6Torque controlYesDynamic brakingYesExist functionYesLanguagesYesView measurements6Torque controlYesDynamic brakingYesKick Start functionNoMotor portection PTC inputYesProtection against phase lossYesProtection against phase inversionYesProtection against thysistor overtemperatureYesProtection against thyristor overtemperatureYesProtegrammable alarmYesDigital inputsYesAnalog outputYesMonitoring communicationNoOptical port for programmingRS485Event logYesMotor hour counterYes | | |
| Cidy run). Overcurrent, overtemperature, bypass failure, phase shorted, temperature sensor fault, cooling fan fault, maintenance request | | |
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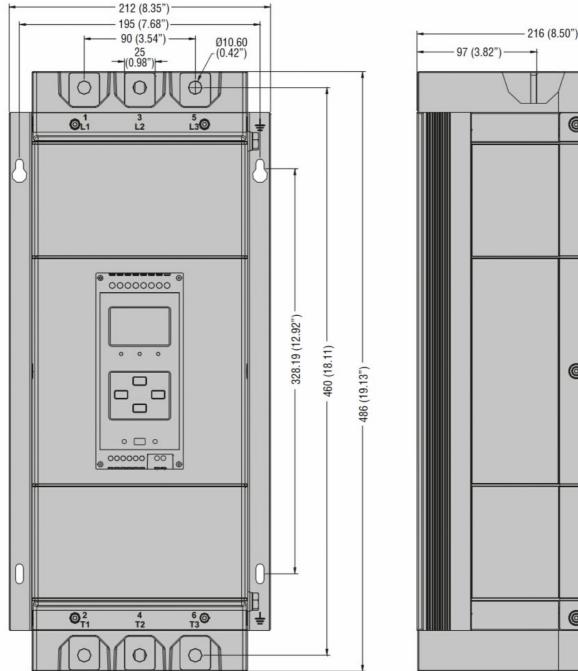
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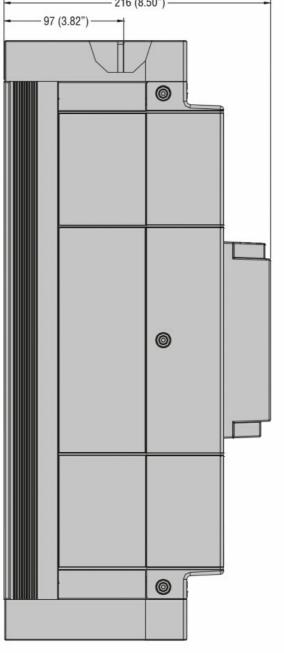
| Clock calendar | | | | Yes |
|-----------------------|-----------------------|----------------------------|------|------------------------------------|
| Remote external keypa | ad | | | No |
| Plug-in version | | | | Optional |
| Input and Output | | | | |
| Digital inputs | | No. of Particles of | N.1. | 0 |
| | | Number of digital input | Nr. | 3 |
| | | | | 2 input with dry contact + 1 input |
| | | Digital input type | | with dry contact |
| | | | | or PTC |
| | | | | (configurable) |
| | | | | Programmable (motor start, |
| | | | | motor stop, |
| | | | | freewheel stop, |
| | | | | motor preheating |
| | | Digital input functions | | commands lock, alarms inhibition, |
| | | | | thermal status |
| | | | | reset, keyboard |
| | | | | lock, motor selection, user |
| | | | | alarm, command) |
| Digital outputs | | | | |
| | | Number of digital output | Nr. | 3 |
| | | | | 2 x 1 NO (SPST) |
| | | | | + 1 C/O (SPDT) Ratings: 2 x 1NO |
| | | | | contacts: 3A |
| | | | | 250VAC - 3A |
| | | Digital output arrangement | | 30VDC 1 x C/O contact: NO |
| | | Digital output arrangement | | contact 5A |
| | | | | 250VAC - 5A |
| | | | | 30VDC; NC |
| | | | | contact 3A |
| | | | | 250VAC - 3A 30VDC |
| | | | | Programmable |
| | | | | (line contactor, |
| | | Division to the contract | | run, global alarm, |
| | | Digital output functions | | limits, remote variable, alarm |
| | | | | Axx, user alarm |
| | | | | Axx, OFF) |
| Ambient conditions | | | | |
| Temperature | Operating temperature | | | |
| | Sporacing temperature | min | °C | -20 |
| | | | | +60°C (with |
| | | max | °C | current derating |
| | | | = | >40°C of 0.5%/ °C) |
| | Storage temperature | | | <u> </u> |
| | c.orago tomporataro | min | °C | -30 |
| | | max | °C | +80 |
| | | | | |



ENERGY AND AUTOMATION

| 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 |
| IP degree of protection | | IP00 |
| Dimensions (W x H x D) | mm | 212 x 486 x 216 |
| Weight | Kg | 13.9 |
| Dimensions | | |







ADXL0320600

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Compliance

CSA C22.2 n° 14

IEC/EN 60947-1

IEC/EN 60947-4-2

UL508

Certificates

CULus
EAC
RCM

ETIM classification

ETIM 8.0 EC000640 - Soft starter