

TYPE (with 2 controlled phases)		ADXL...600
Motor	Type	Asynchronous three phase squirrel cage
	Power	18.5...200kW (500VAC) 25...300HP (550/600VAC)
	Rated current	30...320A
Supply voltage	Power circuit	208...600VAC ±10%
	Auxiliary power Us	100...240VAC±10%
	Frequency	50 or 60Hz ±5% self-configurable
Cooling system	natural	ADXL0030600...ADXL0115600
	forced	ADXL0135600...ADXL0320600
		Optional ADXL0030600...ADXL0115600
PROTECTIONS		
Auxiliary supply		Voltage too low
Power supply		Lack of line voltage, lack of phase, out-of-range frequency, minimum and maximum voltage and phase sequence
Motor		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 and maximum starting time
Starter		Overcurrent and high temperature
STARTUP AND STOP SETTINGS		
Startup		Torque ramp with current limit, Voltage ramp with current limit, Constant torque with current limit
Stop		Torque ramp, voltage ramp, free-wheel stop
Braking		—
DISPLAY AND PROGRAMMING		
		Using the built-in keyboard and display, PC with CX01 and CX02, App NFC Configurator, App SAM1 with CX02 and remote keyboard with EXC1042
Display		Backlit icon LCD display
Measure view		Maximum current, L1 current, L2 current, L3 current, torque, line voltage, total PF, thermal status motor, starter temperature, active power, motor counter, startup counter
Other views		Operational status, events, alarms, measures
LED		"POWER", "RUN" and "FAULT"
DIGITAL INPUTS		
Number of inputs		3
Input type		2 input with dry contact - 1 input with dry contact or PTC
Input function		OFF, motor startup, motor stop, free-range stop, motor preheating, local control, alarm disabling, thermal status reset, keyboard lock, motor selection, user alarm
RELAY OUTPUTS		
Number of outputs		3
Output arrangement		- 2 NA: 3A 250V~ AC1 - 3A 30V= AC1 - 1 changeover: NO contact 5A 250V~ AC1 - 5A 30V= ; NC contact 3A 250V~ AC1 - 3A 30V=
Output functions		OFF, motor powered, ramp completed, global alarm, limits, remote variable, Axx alarm
COMMUNICATION INTERFACES		
		NFC, front optical port, optional RS485 (EXC1042)
VARIOUS FUNCTIONS		
Clock		—
Operational data memory		Startup counter, motor operation counter and maintenance counter
AMBIENT CONDITIONS		
Operating temperature		-20...+40°C (up to 60°C with derating)
Storage temperature		-30...+80°C
Maximum altitude		1000m (higher up with derating)
Maximum pollution degree		3
Operating position		Vertical ±15°
HOUSING		
Mounting		Screw-mount on panel or 35mm DIN rail (IEC/EN 60715) with EXP8003 accessory for ADXL0030 600...ADXL0115 600
IEC degree of protection		IP00