



Product designation Product type designation Motor type			Soft Starter ADXL Asynchronous three phase
Electrical features			thee phase
Supplies voltage			
euppnee renage	Type of system		Three phase
	Rated supply voltage	V	208600VAC
	auxiliary supply voltage (Us)		100240VAC
	Rated frequency	Hz	50/60
Rated starter current le	· · ·	А	115
Rated motor power			
IEC ratings (T≤40°C)			
	230VAC	kW	37
	400VAC	kW	55
	500VAC	KW	75
UL ratings (T≤40°C)			
	220-240VAC	HP	40
	380-415VAC	HP	60
	440-480VAC	HP	75
	550-600VAC	HP	100
Number of controlled phases		Nr.	2
Built-in bypass			Yes
Cooling System			Natural or forced
Rated insulation voltage Ui		V	(optional) 600
Programming interface		V	000
			Backlit icon LCD
Display			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

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ADXL0115600 SOFT STARTER, ADXL... TYPE, WITH INTEGRATED BY-PASS RELAY. AUXILIARY SUPPLY 100...240VAC. RATED OPERATIONAL VOLTAGE 208...600VAC, 115A

	No power, phase loss, phase sequence,
Power supply Protection	frequency out of
	limits, minimum
	and maximum
	voltage
	Overload at
	starting (trip class 2, 10A, 10, 15,
	2, 10, 10, 10, 10, 20, 25, 30, 35
	and 40), overload
	during running
	(trip class 2, 10A,
Motor protection	10, 15, 20, 25
	and 30), locked rotor, current
	asymmetry,
	minimum torque
	(dry run),
	overtemperature,
	starting too long
	Overcurrent,
	overtemperature, bypass failure,
	phase shorted,
Starter protection	temperature
	sensor fault,
	cooling fan fault,
	maintenance
Functions	request
	2
Built-in bypass	2 Yes
Built-in bypass Built-in display and keypad	Yes
Built-in bypass Built-in display and keypad Languages	Yes Yes
Built-in bypass Built-in display and keypad Languages View measurements	Yes
Built-in bypass Built-in display and keypad Languages View measurements Torque control	Yes Yes 6
Built-in bypass Built-in display and keypad Languages View measurements	Yes Yes 6 Yes
Built-in bypass Built-in display and keypad Languages View measurements Torque control Adjustable current limit	Yes Yes 6 Yes Yes
Built-in bypass Built-in display and keypad Languages View measurements Torque control Adjustable current limit Dynamic braking Kick Start function Motor overload electronic protection	Yes Yes 6 Yes Yes Yes
Built-in bypass Built-in display and keypad Languages View measurements Torque control Adjustable current limit Dynamic braking Kick Start function Motor overload electronic protection Motor protection PTC input	Yes Yes 6 Yes Yes Yes No Yes Yes Yes
Built-in bypass Built-in display and keypad Languages View measurements Torque control Adjustable current limit Dynamic braking Kick Start function Motor overload electronic protection Motor protection PTC input Protection against phase loss	Yes Yes 6 Yes Yes Yes No Yes Yes Yes Yes
Built-in bypass Built-in display and keypad Languages View measurements Torque control Adjustable current limit Dynamic braking Kick Start function Motor overload electronic protection Motor protection PTC input Protection against phase loss Protection against phase inversion	Yes Yes 6 Yes Yes Yes No Yes Yes Yes Yes Yes Yes
Built-in bypass Built-in display and keypad Languages View measurements Torque control Adjustable current limit Dynamic braking Kick Start function Motor overload electronic protection Motor protection PTC input Protection against phase loss Protection against phase inversion Protection against locked rotor	Yes Yes 6 Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes
Built-in bypass Built-in display and keypad Languages View measurements Torque control Adjustable current limit Dynamic braking Kick Start function Motor overload electronic protection Motor protection PTC input Protection against phase loss Protection against locked rotor Protection against thyristor overtemperature	YesYes6YesYesYesYesNoYes
Built-in bypass Built-in display and keypad Languages View measurements Torque control Adjustable current limit Dynamic braking Kick Start function Motor overload electronic protection Motor protection PTC input Protection against phase loss Protection against locked rotor Protection against thyristor overtemperature Protection against low load	Yes Yes 6 Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes
Built-in bypass Built-in display and keypad Languages View measurements Torque control Adjustable current limit Dynamic braking Kick Start function Motor overload electronic protection Motor protection PTC input Protection against phase loss Protection against phase inversion Protection against thyristor overtemperature Protection against low load Programmable alarm	YesYes6Yes
Built-in bypass Built-in display and keypad Languages View measurements Torque control Adjustable current limit Dynamic braking Kick Start function Motor overload electronic protection Motor protection PTC input Protection against phase loss Protection against phase inversion Protection against locked rotor Protection against thyristor overtemperature Protection against low load Programmable alarm Digital inputs	Yes 6 Yes
Built-in bypass Built-in display and keypad Languages View measurements Torque control Adjustable current limit Dynamic braking Kick Start function Motor overload electronic protection Motor protection PTC input Protection against phase loss Protection against phase inversion Protection against locked rotor Protection against locked rotor Protection against low load Programmable alarm Digital inputs Analog inputs	Yes 6 Yes
Built-in bypassBuilt-in display and keypadLanguagesView measurementsTorque controlAdjustable current limitDynamic brakingKick Start functionMotor overload electronic protectionMotor protection PTC inputProtection against phase lossProtection against phase inversionProtection against locked rotorProtection against thyristor overtemperatureProtection against low loadProgrammable alarmDigital inputsAnalog inputsDigital outputs	Yes 6 Yes Yes <t< td=""></t<>
Built-in bypassBuilt-in display and keypadLanguagesView measurementsTorque controlAdjustable current limitDynamic brakingKick Start functionMotor overload electronic protectionMotor protection PTC inputProtection against phase lossProtection against phase inversionProtection against bypase inversionProtection against locked rotorProtection against low loadProgrammable alarmDigital inputsAnalog inputsDigital outputsAnalog output	Yes 6 Yes
Built-in bypass Built-in display and keypad Languages View measurements Torque control Adjustable current limit Dynamic braking Kick Start function Motor overload electronic protection Motor protection PTC input Protection against phase loss Protection against phase inversion Protection against locked rotor Protection against locked rotor Protection against low load Programmable alarm Digital inputs Analog inputs Digital outputs Analog output Monitoring communication	Yes 6 Yes No Yes No Yes No Yes No
Built-in bypass Built-in display and keypad Languages View measurements Torque control Adjustable current limit Dynamic braking Kick Start function Motor overload electronic protection Motor protection PTC input Protection against phase loss Protection against phase inversion Protection against locked rotor Protection against thyristor overtemperature Protection against low load Programmable alarm Digital inputs Analog inputs Digital outputs Analog output Monitoring communication Optical port for programming	Yes 6 Yes No Yes No RS485
Built-in bypass Built-in display and keypad Languages View measurements Torque control Adjustable current limit Dynamic braking Kick Start function Motor overload electronic protection Motor protection PTC input Protection against phase loss Protection against phase inversion Protection against locked rotor Protection against locked rotor Protection against low load Programmable alarm Digital inputs Analog inputs Digital outputs Analog output Monitoring communication	Yes 6 Yes No Yes No Yes No Yes No

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Startup counter Yes Clock calendar Yes Remote external keypad No Optional Plug-in version Input and Output **Digital inputs** Number of digital input 3 Nr. 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, commands lock, **Digital input functions** 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 30VDC 1 x C/O Digital output arrangement contact: NO contact 5A 250VAC - 5A 30VDC: NC contact 3A 250VAC - 3A 30VDC Programmable (line contactor, run, global alarm, Digital output functions limits, remote variable, alarm Axx, user alarm Axx, OFF) Ambient conditions Temperature Operating temperature °C -20 min +60°C (with current derating °C max >40°C of 0.5%/ °C) Storage temperature °C -30 min °C max +80

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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Max altitude Relative humidity Pollution degree	m %	1000 without derating (over 1000mt with current derating of 0.5%/100m) <80% 2
Installation category		
Housing Mounting		Screw-fixing or 35mm DIN rail with optional accessory EXP8003
IP degree of protection		IP00
Dimensions (W x H x D)	mm	95 x 226 x 182
Weight Dimensions	Kg	2.9

Certifications and compliance

- 71 (2.79")

Compliance

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

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- 180 (7.09")



ENERGY AND AUTOMATION

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Certificates				
	cULus			
	EAC			
	RCM			
ETIM classification				

ETIM 8.0

EC000640 - Soft starter