



Product designation Product type designation Motor type				Soft Starter ADXL Asynchronous three phase
Electrical features				
Supplies voltage				
		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	135
Rated motor power				
	IEC ratings (T≤40°C)			
		230VAC	kW	37
		400VAC	kW	75
		500VAC	KW	90
	UL ratings (T≤40°C)			
		220-240VAC	HP	50
		380-415VAC	HP	75
		440-480VAC	HP	100
		550-600VAC	HP	125
Number of controlled phases			Nr.	2
Built-in bypass				Yes
Cooling System				Forced
Rated insulation volta			V	600
Programming interfac	ce			
Display				Backlit icon LCD display
Programming with NFC technology				Yes
Optical port				Yes
Startup and stop sett	ings			
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 prote	action			Voltage too low

Auxiliary supply protection

Voltage too low

ADXL0135600



ADXL0135600 SOFT STARTER, ADXL... TYPE, WITH INTEGRATED BY-PASS RELAY. AUXILIARY SUPPLY 100...240VAC. RATED OPERATIONAL VOLTAGE 208...600VAC, 135A

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 Overcurrent,
Starter protection	Overcurrent, overtemperature, bypass failure, phase shorted, temperature sensor fault, cooling fan fault, maintenance request
Functions	
Built-in bypass	2
Built-in display and keypad	Yes
Languages	Yes6
View measurements	Yes
Torque control Adjustable current limit	Yes
Dynamic braking	Yes
Kick Start function	No
Motor overload electronic protection	Yes
Motor protection PTC input	Yes
Protection against phase loss	
	Yes
Protection against phase inversion	Yes Yes
Protection against phase inversion Protection against locked rotor	
	Yes
Protection against locked rotor	Yes Yes
Protection against locked rotor Protection against thyristor overtemperature	Yes Yes Yes
Protection against locked rotor Protection against thyristor overtemperature Protection against low load	Yes Yes Yes Yes
Protection against locked rotor Protection against thyristor overtemperature Protection against low load Programmable alarm Digital inputs Analog inputs	Yes Yes Yes Yes Yes
Protection against locked rotor Protection against thyristor overtemperature Protection against low load Programmable alarm Digital inputs Analog inputs Digital outputs	Yes Yes Yes Yes Yes Yes Yes No
Protection against locked rotor Protection against thyristor overtemperature Protection against low load Programmable alarm Digital inputs Analog inputs Digital outputs Analog output	Yes Yes Yes Yes Yes Yes Yes No Yes
Protection against locked rotor Protection against thyristor overtemperature Protection against low load Programmable alarm Digital inputs Analog inputs Digital outputs Analog output Monitoring communication	Yes Yes Yes Yes Yes Yes Yes No Yes No
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 Yes Yes Yes Yes Yes Yes No Yes No RS485
Protection against locked rotor Protection against thyristor overtemperature Protection against low load Programmable alarm Digital inputs Analog inputs Digital outputs Analog output Monitoring communication	Yes Yes Yes Yes Yes Yes Yes No Yes No

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ENERGY AND AUTOMATION

Startup counter			Yes
Clock calendar			Yes
Remote external keypad			No
Plug-in version			Optional
Input and Output			
Digital inputs			2
	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 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
	Digital output arrangement		30VDC 1 x C/O contact: NO
	Digital output analigement		contact 5A
			250VAC - 5A
			30VDC; NC
			contact 3A 250VAC - 3A
			30VDC
			Programmable
			(line contactor,
			run, global alarm,
	Digital output functions		-
	Digital output functions		limits, remote
	Digital output functions		limits, remote variable, alarm Axx, user alarm
	Digital output functions		limits, remote variable, alarm
	Digital output functions		limits, remote variable, alarm Axx, user alarm
Temperature			limits, remote variable, alarm Axx, user alarm
		°C	limits, remote variable, alarm Axx, user alarm
Ambient conditions Temperature Operating te	nperature	°C	limits, remote variable, alarm Axx, user alarm Axx, OFF)
Temperature	nperature	°C ⊃°	limits, remote variable, alarm Axx, user alarm Axx, OFF) -20 +60°C (with current derating
Temperature	nperature min		limits, remote variable, alarm Axx, user alarm Axx, OFF) -20 +60°C (with current derating >40°C of 0.5%/
Temperature Operating te	nperature min max		limits, remote variable, alarm Axx, user alarm Axx, OFF) -20 +60°C (with current derating
Temperature	nperature min max		limits, remote variable, alarm Axx, user alarm Axx, OFF) -20 +60°C (with current derating >40°C of 0.5%/

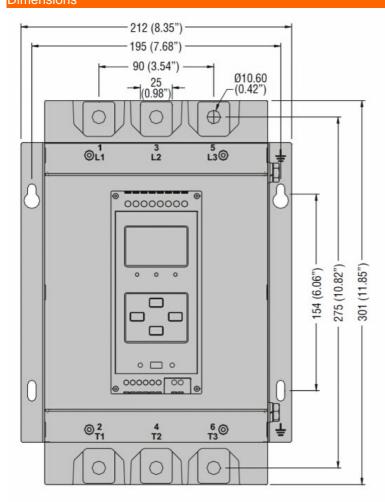
ADXL0135600

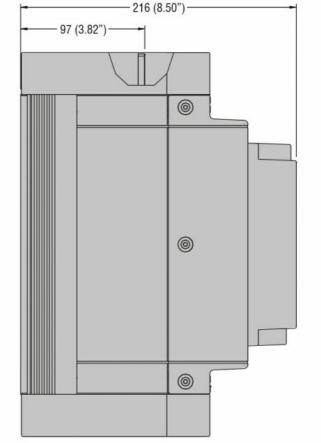
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Max altitude	m	1000 without derating (over 1000mt with current derating of 0.5%/100m)
Relative humidity	%	<80%
Pollution degree		2
Installation category		III
Housing		
Mounting		Screw-fixing
IP degree of protection		IP00
Dimensions (W x H x D)	mm	212 x 301 x 216
Weight	Kg	7.8
Dimensions		





Certifications and compliance

Compliance	
	CSA C22.2 n° 14
	IEC/EN 60947-1
	IEC/EN 60947-4-2
	UL508
Certificates	
	cULus
	EAC
	RCM
ETIM classificatio	n n

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Electric

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ETIM 8.0

EC000640 - Soft starter