



Product designation Product type designation			Soft Starter ADXL Asynchronous
Motor type			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		Α	75
Rated motor power			
IEC ratings (T≤40°C)			
	230VAC	kW	22
	400VAC	kW	37
	500VAC	KW	45
UL ratings (T≤40°C)			
	220-240VAC	HP	25
	380-415VAC	HP	40
	440-480VAC	HP	50
	550-600VAC	HP	60
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	800
			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

ADXL0075600



## ADXL0075600 SOFT STARTER, ADXL... TYPE, WITH INTEGRATED BY-PASS RELAY. AUXILIARY SUPPLY 100...240VAC. RATED OPERATIONAL VOLTAGE 208...600VAC, 75A

	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,
	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
	request
Functions	2
Built-in bypass Built-in display and keypad	2 Yes
	Yes
Languages View measurements	fes6
Torque control	Yes
Adjustable current limit	Yes
Dynamic braking Kick Start function	Yes
	No
Motor overload electronic protection	Yes
Motor protection PTC input	Yes
Protection against phase loss	Yes
Protection against phase inversion	Yes
Protection against locked rotor	Yes
Protection against thyristor overtemperature	Yes
Protection against low load	\ <i>1</i>
	Yes
Programmable alarm	Yes
Programmable alarm Digital inputs	Yes Yes
Programmable alarm Digital inputs Analog inputs	Yes Yes Yes
Programmable alarm Digital inputs Analog inputs Digital outputs	Yes Yes Yes No
Programmable alarm Digital inputs Analog inputs Digital outputs Analog output	Yes Yes Yes No Yes
Programmable alarm Digital inputs Analog inputs Digital outputs Analog output Monitoring communication	Yes Yes Yes No Yes No
Programmable alarm Digital inputs Analog inputs Digital outputs Analog output Monitoring communication Optical port for programming	Yes Yes Yes No Yes No RS485
Programmable alarm Digital inputs Analog inputs Digital outputs Analog output Monitoring communication Optical port for programming Event log	Yes Yes Yes No Yes No RS485 Yes
Programmable alarm Digital inputs Analog inputs Digital outputs Analog output Monitoring communication Optical port for programming	Yes Yes Yes No Yes No RS485

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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			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, 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,
	Digital output functions		run, global alarm,
	Digital output functions		run, global alarm, limits, remote
	Digital output functions		run, global alarm, limits, remote variable, alarm Axx, user alarm
	Digital output functions		run, global alarm, limits, remote variable, alarm
Ambient conditions	Digital output functions		run, global alarm, limits, remote variable, alarm Axx, user alarm
Temperature			run, global alarm, limits, remote variable, alarm Axx, user alarm
		°C	run, global alarm, limits, remote variable, alarm Axx, user alarm
Temperature	erature	°C	run, global alarm, limits, remote variable, alarm Axx, user alarm Axx, OFF)
Temperature	erature	°C °C	run, global alarm, limits, remote variable, alarm Axx, user alarm Axx, OFF) -20 +60°C (with current derating
Temperature	erature min		run, global alarm, limits, remote variable, alarm Axx, user alarm Axx, OFF) -20 +60°C (with current derating >40°C of 0.5%/
Temperature Operating tempe	erature min max		run, global alarm, limits, remote variable, alarm Axx, user alarm Axx, OFF) -20 +60°C (with current derating
Temperature	erature min max		run, global alarm, limits, remote variable, alarm Axx, user alarm Axx, OFF) -20 +60°C (with current derating >40°C of 0.5%/

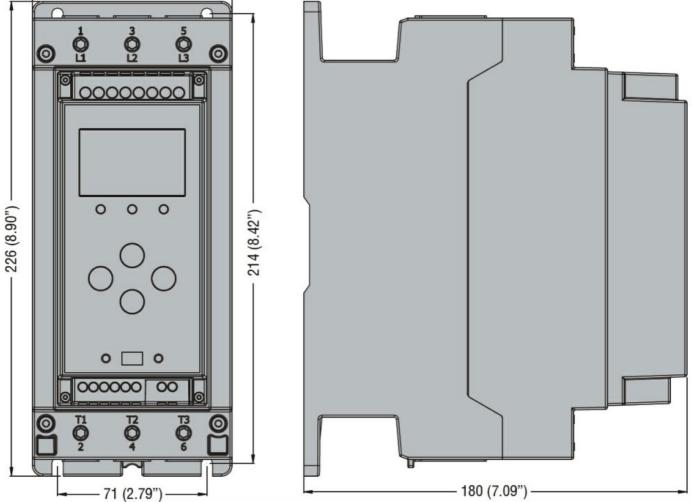
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Max altitude	m	1000 without derating (over 1000mt with current derating of 0.5%/100m)
Relative humidity	%	<80%
Pollution degree		2
Installation category		
Housing		
Mounting		Screw-fixing or 35mm DIN rail with optional accessory EXP8003
IP degree of protection		IP00
Dimensions (W x H x D)	mm	95 x 226 x 182
Weight	Kg	2.9
Dimensions		
95 (3.74")		



## Certifications and compliance

Compliance

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

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ENERGY AND AUTOMATION

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Certificates					
	cULus				
	EAC				
	RCM				
ETIM classification					
				-	

ETIM 8.0

EC000640 - Soft starter

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