



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		Α	195
Rated motor power			
IEC ratings (T≤40°C)			
	230VAC	kW	55
	400VAC	kW	110
	500VAC	KW	132
UL ratings (T≤40°C)	220 240\/AC		75
	220-240VAC 380-415VAC	HP HP	75 100
	440-480VAC	пР HP	150
	550-600VAC	HP	200
Number of controlled phases	550-000VAC	Nr.	2
Built-in bypass		111.	Yes
Cooling System			Forced
Rated insulation voltage Ui		V	600
Programming interface		•	
			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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ADXL0195600 SOFT STARTER, ADXL... TYPE, WITH INTEGRATED BY-PASS RELAY. AUXILIARY SUPPLY 100...240VAC. RATED OPERATIONAL VOLTAGE 208...600VAC, 195A

	No power, phase loss, phase
	sequence,
Power supply Protection	frequency out of
	limits, minimum and maximum
	voltage
	Overload at
	starting (trip class
	2, 10Ă, 10, 15,
	20, 25, 30, 35
	and 40), overload
	during running
Motor protection	(trip class 2, 10A, 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	
Functions Built-in bypass	maintenance request
Built-in bypass	maintenance
Built-in bypass Built-in display and keypad	maintenance request 2
Built-in bypass	maintenance request 2 Yes
Built-in bypass Built-in display and keypad Languages	maintenance request 2 Yes Yes
Built-in bypass Built-in display and keypad Languages View measurements	maintenance request 2 Yes Yes 6
Built-in bypass Built-in display and keypad Languages View measurements Torque control	maintenance request 2 Yes Yes 6 Yes
Built-in bypass Built-in display and keypad Languages View measurements Torque control Adjustable current limit	maintenance request 2 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	maintenance request 2 Yes Yes 6 Yes Yes Yes Yes No 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	maintenance request 2 Yes Yes 6 Yes Yes Yes Yes No Yes No 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	maintenance request 2 Yes Yes 6 Yes Yes Yes No Yes No 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	maintenance request 2 Yes Yes 6 Yes Yes Yes No 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 phase inversion Protection against locked rotor	maintenance request 2 Yes Yes 6 Yes 6 Yes Yes Yes No 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 locked rotor Protection against thyristor overtemperature	maintenance request 2 Yes Yes 6 Yes Yes Yes No 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 locked rotor Protection against thyristor overtemperature Protection against low load	maintenance request 2 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 locked rotor Protection against thyristor overtemperature Protection against low load Programmable alarm	maintenance request 2 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 Digital inputs	maintenance request 2 Yes Yes 6 Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes Yes Yes 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 thyristor overtemperatureProtection against locked rotorProtection against low loadProgrammable alarmDigital inputsAnalog inputs	maintenance request 2 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 Motor protection PTC input Protection against phase loss Protection against phase inversion Protection against locked rotor Protection against low load Programmable alarm Digital inputs Analog inputs Digital outputs	maintenance request 2 Yes Yes 6 Yes Yes Yes Yes Yes Yes Yes Yes Yes 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 outputsAnalog output	maintenance request 2 Yes Yes 6 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 locked rotor Protection against low load Programmable alarm Digital inputs Analog output Monitoring communication	maintenance request 2 Yes Yes 6 Yes 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 locked rotor Protection against low load Programmable alarm Digital inputs Analog inputs Digital outputs Analog output Monitoring communication Optical port for programming	maintenance request 2 Yes Yes 6 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 locked rotor Protection against low load Programmable alarm Digital inputs Analog inputs Digital outputs Analog output Monitoring communication	maintenance request 2 Yes Yes 6 Yes Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes

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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			_
	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 1NC
			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
Ambient conditions			Axx, OFF)
Temperature			
Operating temperatur	e		
	min	°C	-20
			+60°C (with
	max	°C	current derating >40°C of 0.5%/
			°C)
Storage temperature			
	min	°C	-30
	max	°C	+80

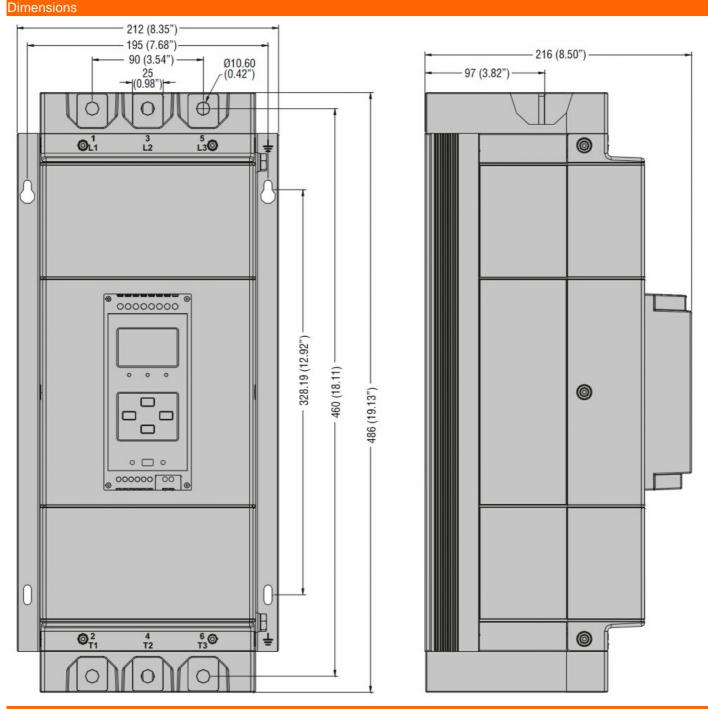
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Max altitude	m	1000 without derating (over 1000mt with current derating of 0.5%/100m)
Relative humidity	%	<80%
Pollution degree		2
Installation category		
Housing		
Mounting		Screw-fixing
IP degree of protection		IP00
Dimensions (W x H x D)	mm	212 x 486 x 216
Weight	Kg	13.9
Dimensione		



Certifications and compliance

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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 classificatior	1	
ETIM 8.0		EC000640 - Soft

starter

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