



Product designation				Soft starter
Product type designation				ADXL
Motor type				Asynchronous three phase
Electrical features				
Supplies voltage				
	Type of system			Three phase
	Rated supply voltage	V	208...600 VAC ±10%	
	auxiliary supply voltage (Us)			100...240VAC ±10%
	Rated frequency	Hz	50/60	
Rated starter current Ie			A	30
Rated motor power				
	IEC ratings (T≤40°C)			
	230VAC	kW	7.5	
	400VAC	kW	15	
	500VAC	KW	18.5	
	UL ratings (T≤40°C)			
	220-240VAC	HP	10	
	380-415VAC	HP	15	
	440-480VAC	HP	20	
	550-600VAC	HP	25	
Number of controlled phases			N°	2
Built-in bypass				Yes
Cooling System				Natural or forced (optional)
Rated insulation voltage Ui			V	600
Programming interface				
Display				Backlit icon LCD 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

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
Starter protection	Overcurrent, overtemperature, bypass failure, phase shorted, temperature sensor fault, cooling fan fault, maintenance request

Input and Output

Digital inputs			
	Number of digital input	n°	3
	Digital input type		2 input with dry contact + 1 input with dry contact or PTC (configurable) Programmable (motor start, motor stop, freewheel stop, motor preheating, commands lock, alarms inhibition, thermal status reset, keyboard lock, motor selection, user alarm, command)
	Digital input functions		
Digital outputs			
	Number of digital output	n°	3

Digital output arrangement	2 x 1 NO (SPST) + 1 C/O (SPDT) Ratings: 2 x 1NO contacts: 3A 250VAC - 3A 30VDC 1 x C/O contact: NO contact 5A 250VAC - 5A 30VDC; NC contact 3A 250VAC - 3A 30VDC
Digital output functions	Programmable (line contactor, run, global alarm, limits, remote variable, alarm Axx, user alarm Axx, OFF)

Ambient conditions

Temperature

Operating temperature

min	°C	-20
max	°C	+60°C (with current derating >40°C of 0.5%/ °C)

Storage temperature

min	°C	-30
max	°C	+80

Max altitude

m	1000 without derating (over 1000mt with current derating of 0.5%/100m)
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Relative humidity

%	<80%
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Pollution degree

	2
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Installation category

	III
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Housing

Mounting

	Screw-fixing or 35mm DIN rail with optional accessory EXP8003
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IP degree of protection

	IP00
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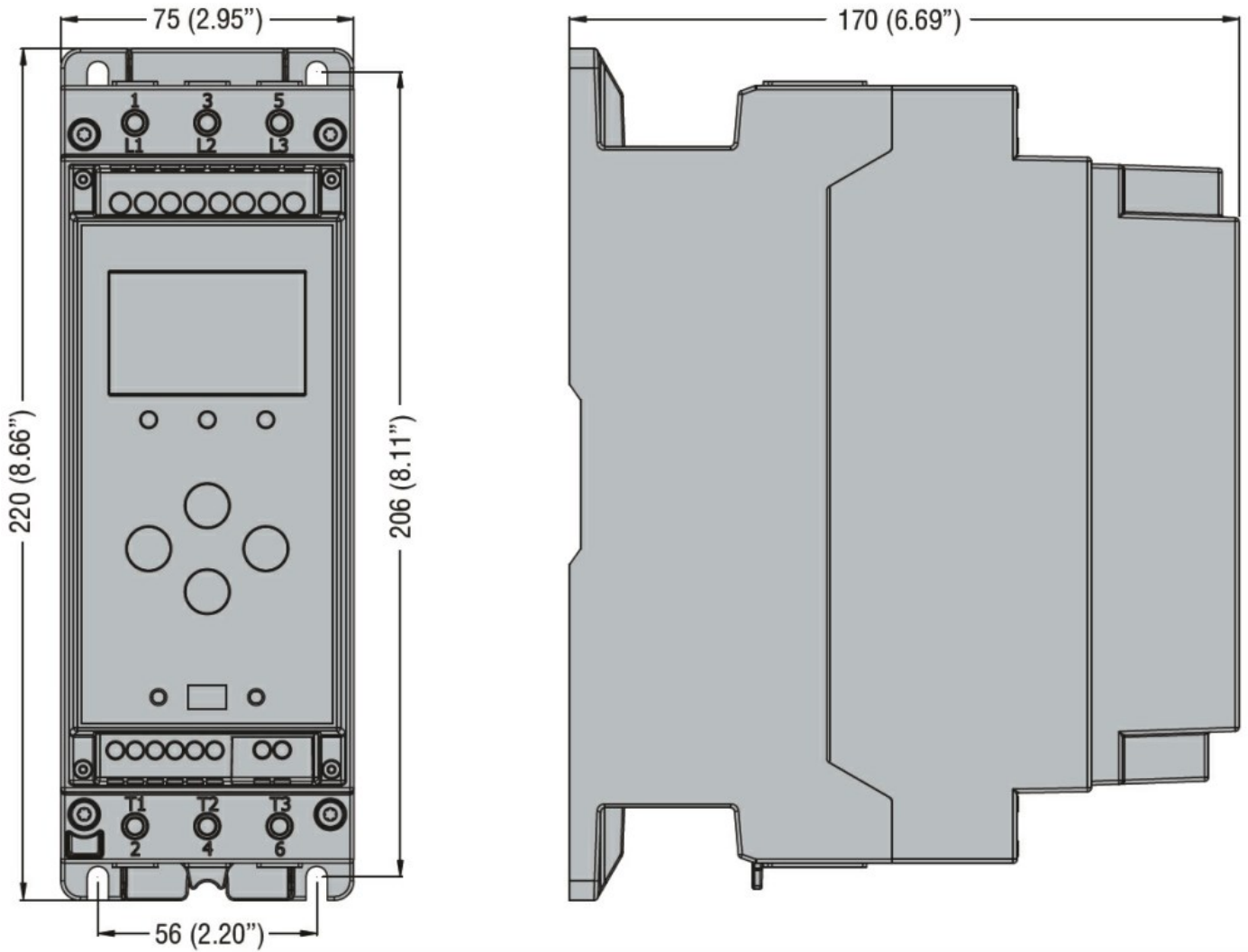
Dimensions (W x H x D)

mm	75 x 218 x 171.5
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Weight

Kg	2.1
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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 classification

ETIM 8.0

EC000640 - Soft starter