



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...600VAC
	auxiliary supply voltage (Us)		100...240VAC
	Rated frequency	Hz	50/60
Rated starter current Ie		A	60
Rated motor power	IEC ratings (T=40°C)		
	230VAC	kW	15
	400VAC	kW	30
	500VAC	KW	37
	UL ratings (T=40°C)		
	220-240VAC	HP	20
	380-415VAC	HP	30
	440-480VAC	HP	40
	550-600VAC	HP	50
Number of controlled phases		Nr.	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
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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),		
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	Nr.	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	Nr.	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

Installation category

III

Housing

Mounting

Screw-fixing or
35mm DIN rail
with optional
accessory
EXP8003

IP degree of protection

IP00

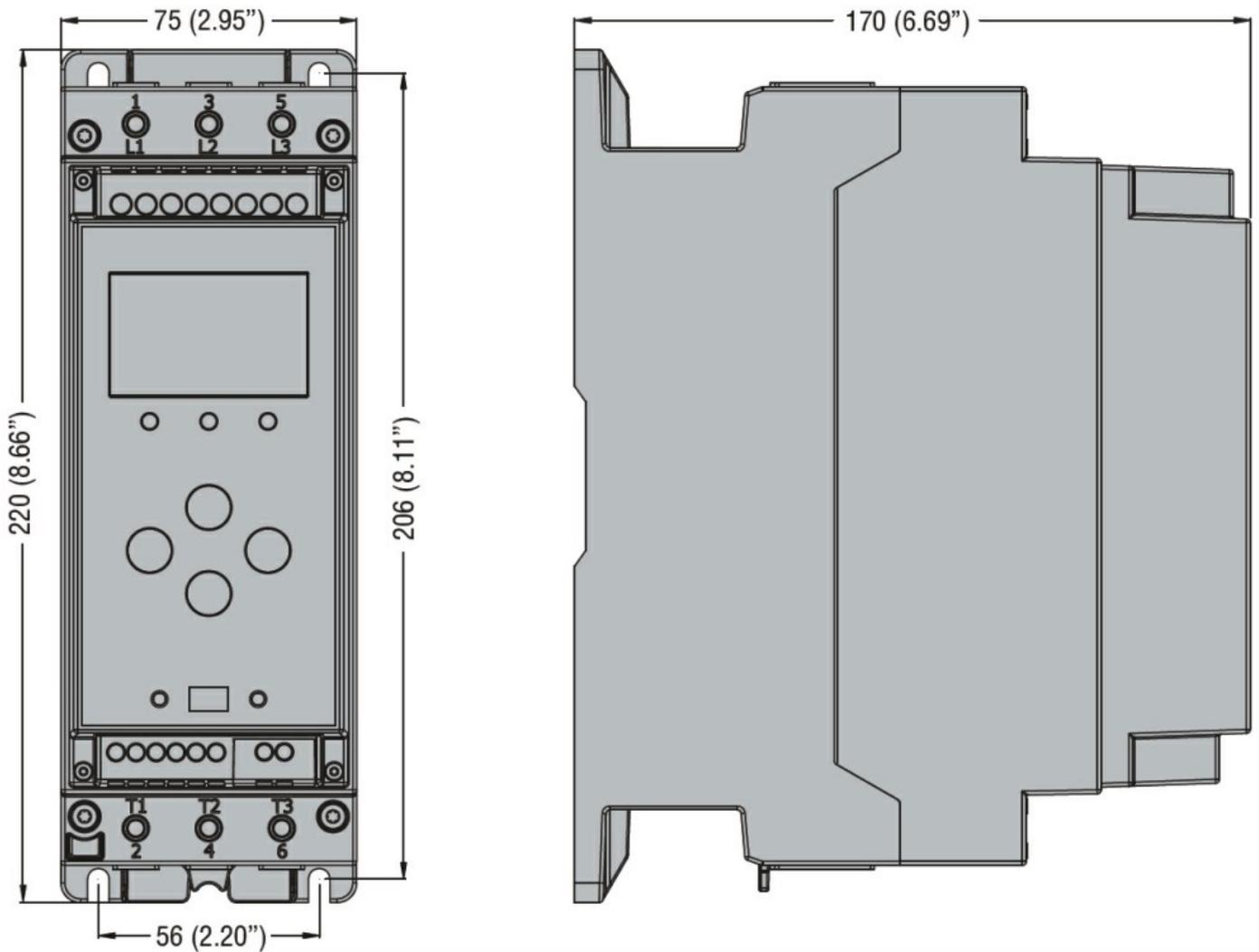
Dimensions (W x H x D)

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