



Product designation				Soft starter
Product type designation				ADXL
Motor type				Asynchronous three phase
<b>Electrical features</b>				
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	85
Rated motor power				
	IEC ratings (T≤40°C)			
	230VAC	kW	22	
	400VAC	kW	45	
	500VAC	KW	55	
	UL ratings (T≤40°C)			
	220-240VAC	HP	30	
	380-415VAC	HP	50	
	440-480VAC	HP	60	
	550-600VAC	HP	75	
Number of controlled phases			N°	2
Built-in bypass				Yes
Cooling System				Natural or forced (optional)
Rated insulation voltage Ui			V	600
<b>Programming interface</b>				
Display				Backlit icon LCD display
Programming with NFC technology				Yes
Optical port				Yes
<b>Startup and stop settings</b>				
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
<b>Protections</b>				
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

Installation category

III

**Housing**

Mounting

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

IP degree of protection

IP00

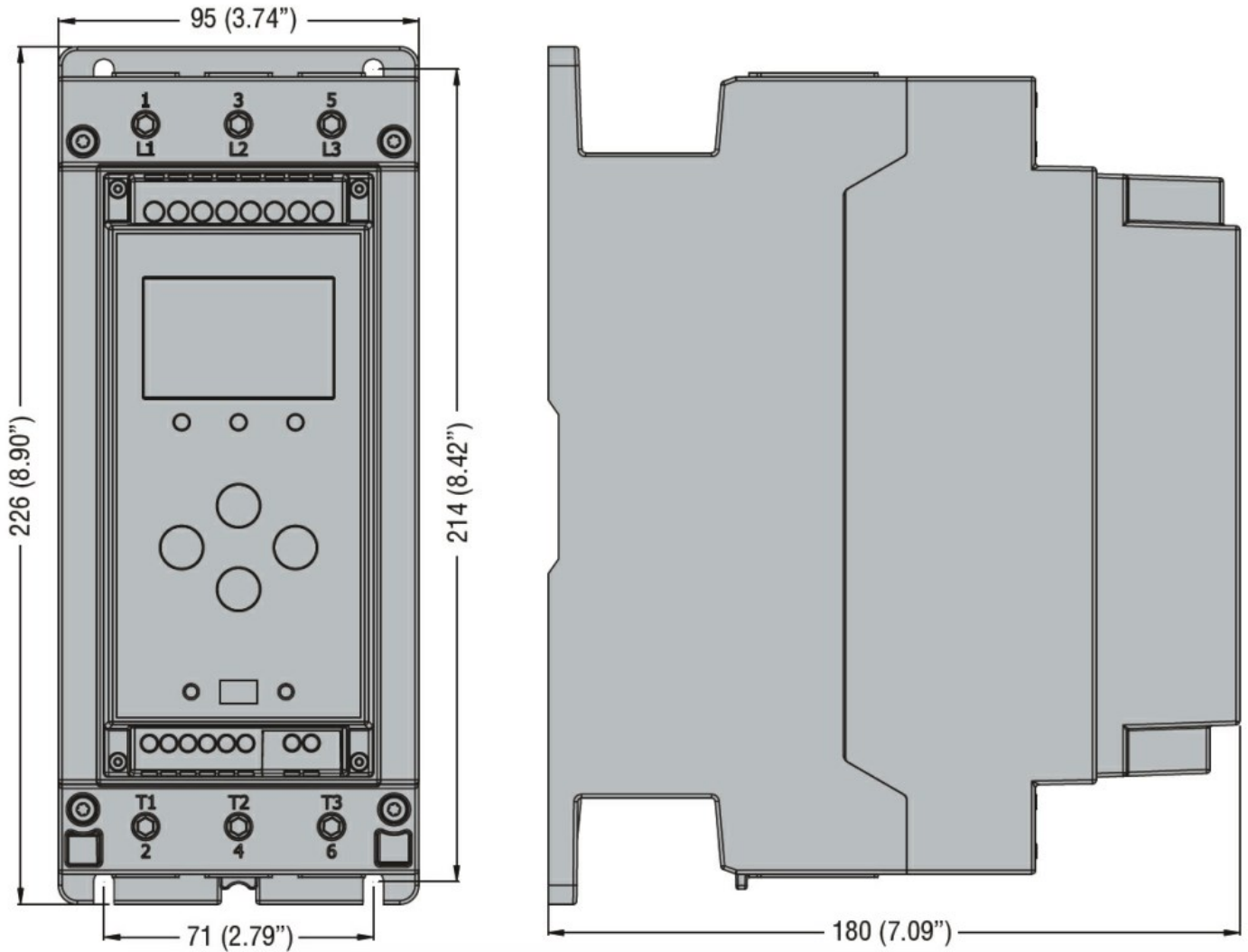
Dimensions (W x H x D)

mm	95 x 226 x 182
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Weight

Kg	2.9
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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