



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	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		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**

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

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

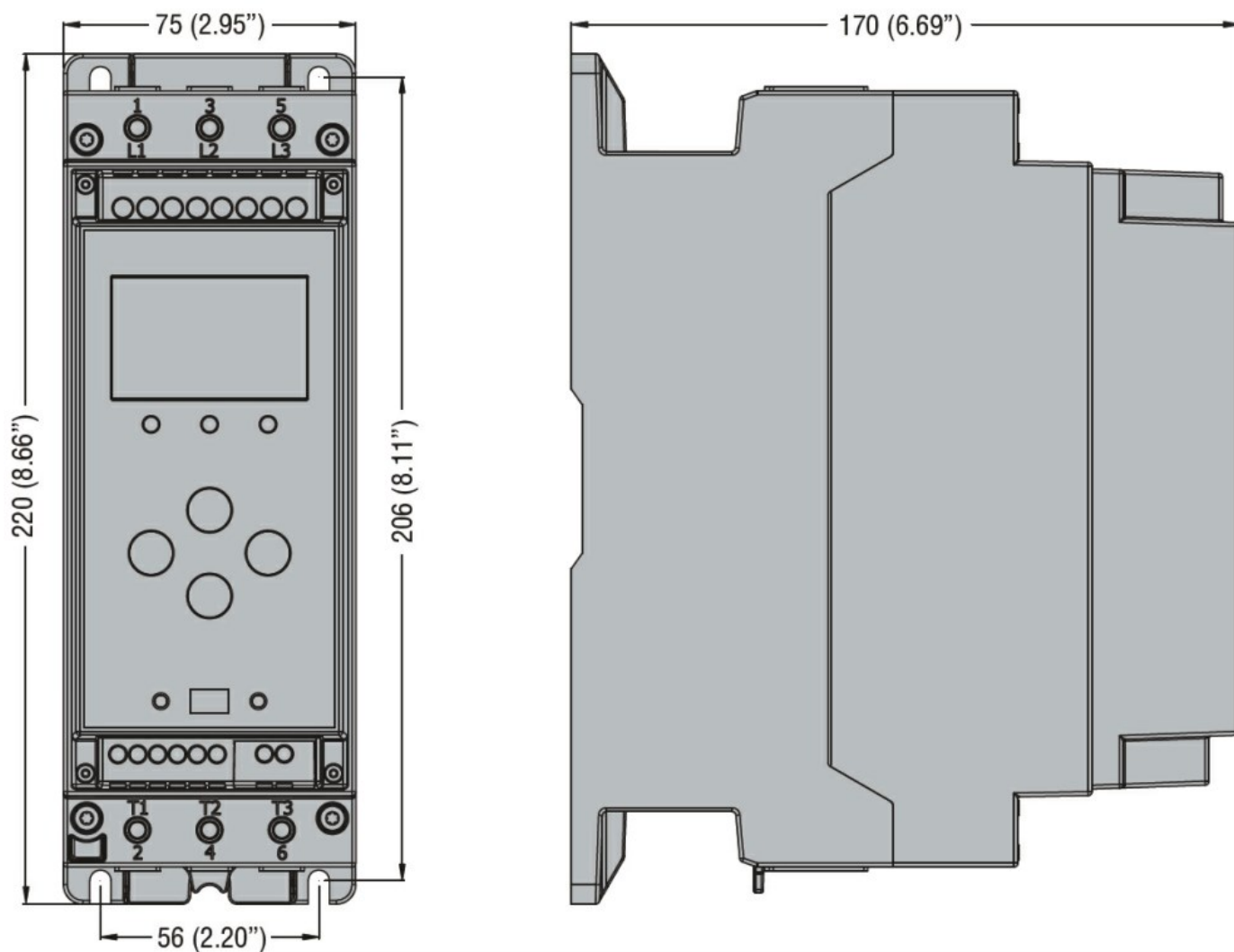
Dimensions (W x H x D)

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