



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	208...600VAC
	auxiliary supply voltage (Us)		100...240VAC
	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		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
-----------------------------	-----------------

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
Programmable
(line contactor,
run, global alarm,
limits, remote
variable, alarm
Axx, user alarm
Axx, OFF)

Digital output functions

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)
---	--

Relative humidity

%	<80%
---	------

Pollution degree

	2
--	---

Installation category

	III
--	-----

Housing

Mounting

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

IP degree of protection

	IP00
--	------

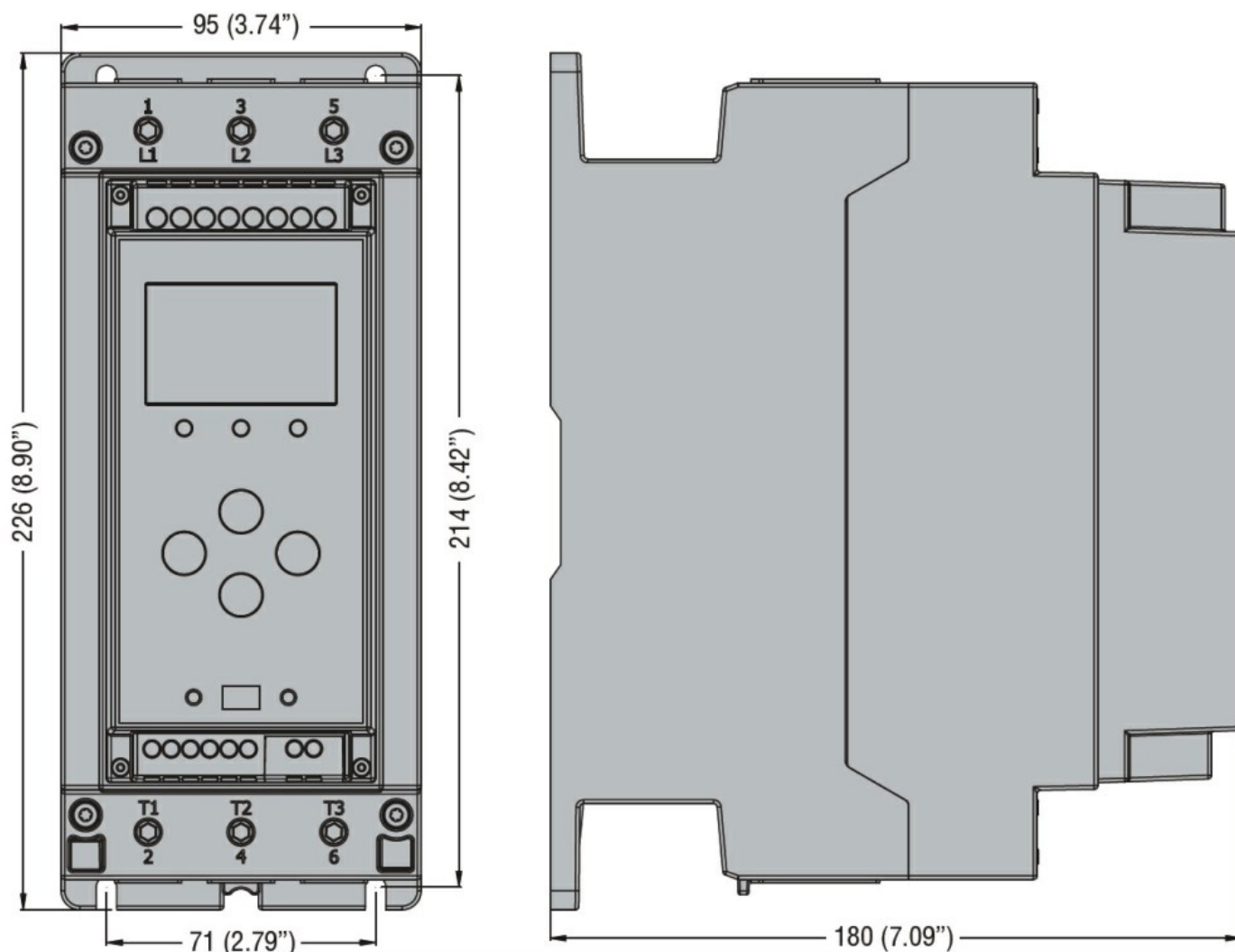
Dimensions (W x H x D)

mm	95 x 226 x 182
----	----------------

Weight

Kg	2.9
----	-----

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