



Soft starter
ADXL
Asynchronous
three phase

Product designation
Product type designation
Motor type

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	135

Rated motor power

IEC ratings (T≤40°C)

230VAC	kW	37
400VAC	kW	75
500VAC	KW	90

UL ratings (T≤40°C)

220-240VAC	HP	50
380-415VAC	HP	75
440-480VAC	HP	100
550-600VAC	HP	125

Number of controlled phases

N° 2

Built-in bypass

Yes

Cooling System

Forced

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

IP degree of protection

IP00

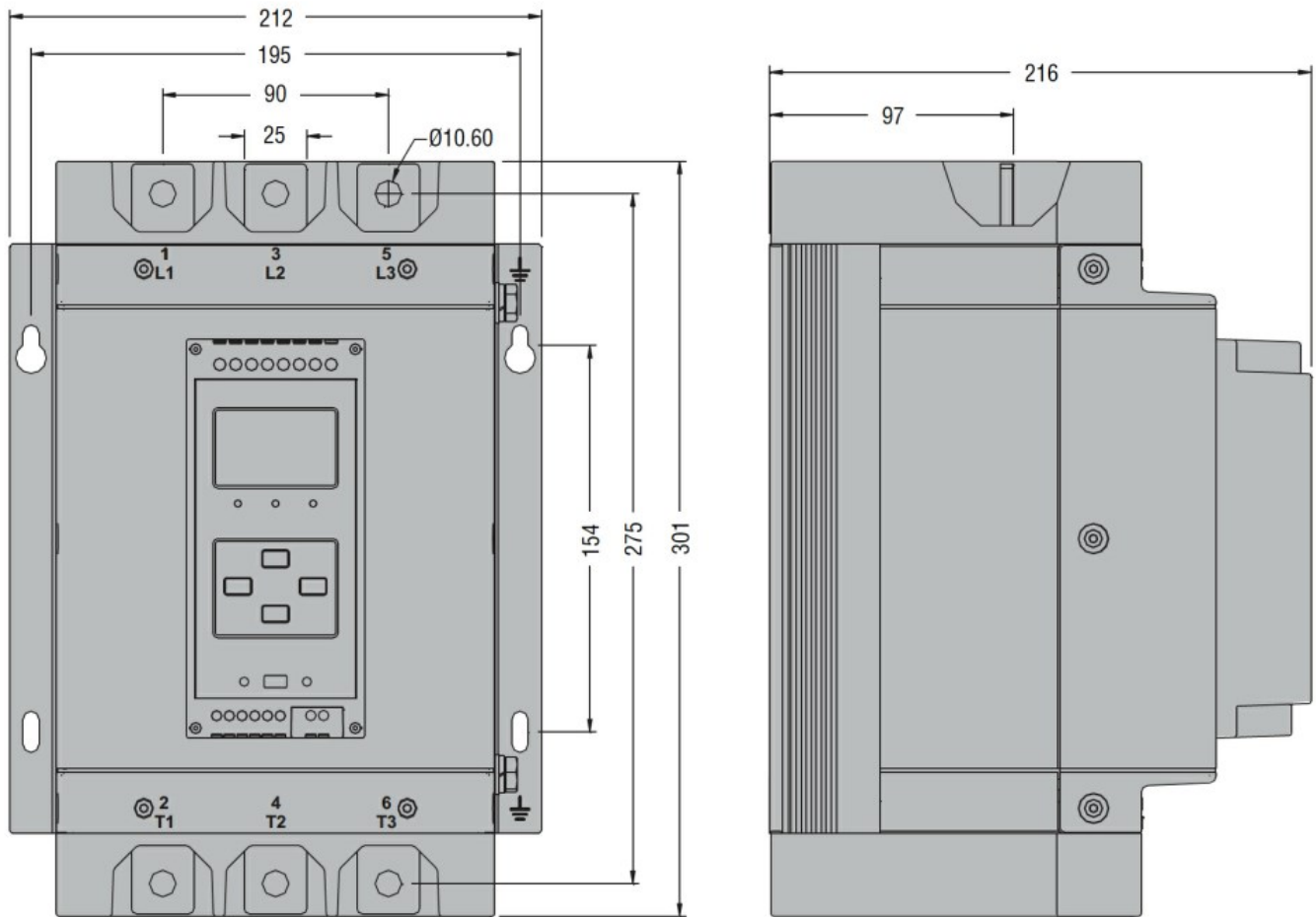
Dimensions (W x H x D)

mm	212 x 301 x 216
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Weight

Kg	7.8
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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