



Product designation  
Product type designation  
Motor type

Soft Starter  
ADXT  
Asynchronous  
three phase

### Electrical features

Supplies voltage

Type of system		Three phase
Rated supply voltage	V	380...690VAC
auxiliary supply voltage (Us)		110...120VAC / 220...240VAC
Rated frequency	Hz	50/60
Rated starter current Ie	A	126

Rated motor power in-line

IEC ratings (T≤40°C)

400VAC	kW	55
500VAC	KW	90
690VAC	KW	110

UL ratings (T≤40°C)

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

Rated motor power inside delta

IEC ratings (T≤40°C)

400VAC	kW	90
500VAC	KW	132
690VAC	KW	160

UL ratings (T≤40°C)

380-415VAC	HP	100
440-480VAC	HP	150
550-600VAC	HP	150

Number of controlled phases

Nr. 3

Built-in bypass

Yes

Cooling System

Forced

Rated insulation voltage Ui

V 690

### Programming interface

Display

LCD graphic  
display

Programming with NFC technology

No

Optical port

No

### Startup and stop settings

Startup method

Constant current,  
current ramp,  
voltage ramp,  
adaptive control

Stop method	Voltage ramp, adaptive control, free-wheel stop, DC braking, soft stop with braking contactor
<b>Protections</b>	
Auxiliary supply protection	Voltage too low
Power supply Protection	No power, phase loss, phase sequence, frequency out of limits, voltage out of limits
Motor protection	Overload, locked rotor, current asymmetry, current too low, power too low, overtemperature, starting too long
Starter protection	Overcurrent, overtemperature, phase shorted
<b>Functions</b>	
Built-in bypass	Yes
Built-in display and keypad	Yes
Languages	6
View measurements	Yes
Torque control	No
Adjustable current limit	Yes
Dynamic braking	Yes
Kick Start function	Yes
Motor overload electronic protection	Yes
Motor protection PTC input	Thermistor input
Protection against phase loss	Yes
Protection against phase inversion	Yes
Protection against locked rotor	Yes
Protection against thyristor overtemperature	Yes
Protection against low load	Yes
Programmable alarm	Yes
Digital inputs	4
Analog inputs	0
Digital outputs	3
Analog output	1
Optical port for programming	No
Event log	Yes
Motor hour counter	Yes
Startup counter	Yes
Clock calendar	Yes
Remote external keypad	Yes

**Input and Output**

Digital inputs	Number of digital input	Nr.	4
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	Digital input type		4 input with dry contact + 1 thermistor input
	Digital input functions		1x Start/Stop, 1x Reset and 2 Programmable
Digital outputs			
	Number of digital output	Nr.	3
	Digital output arrangement		2x 1NO + 1x C/O 1NO Line contactor + 1NO Programmable + 1C/O Programmable
	Digital output functions		

### Ambient conditions

#### Temperature

##### Operating temperature

min	°C	-10
max	°C	+60°C (with current derating >40°C)

##### Storage temperature

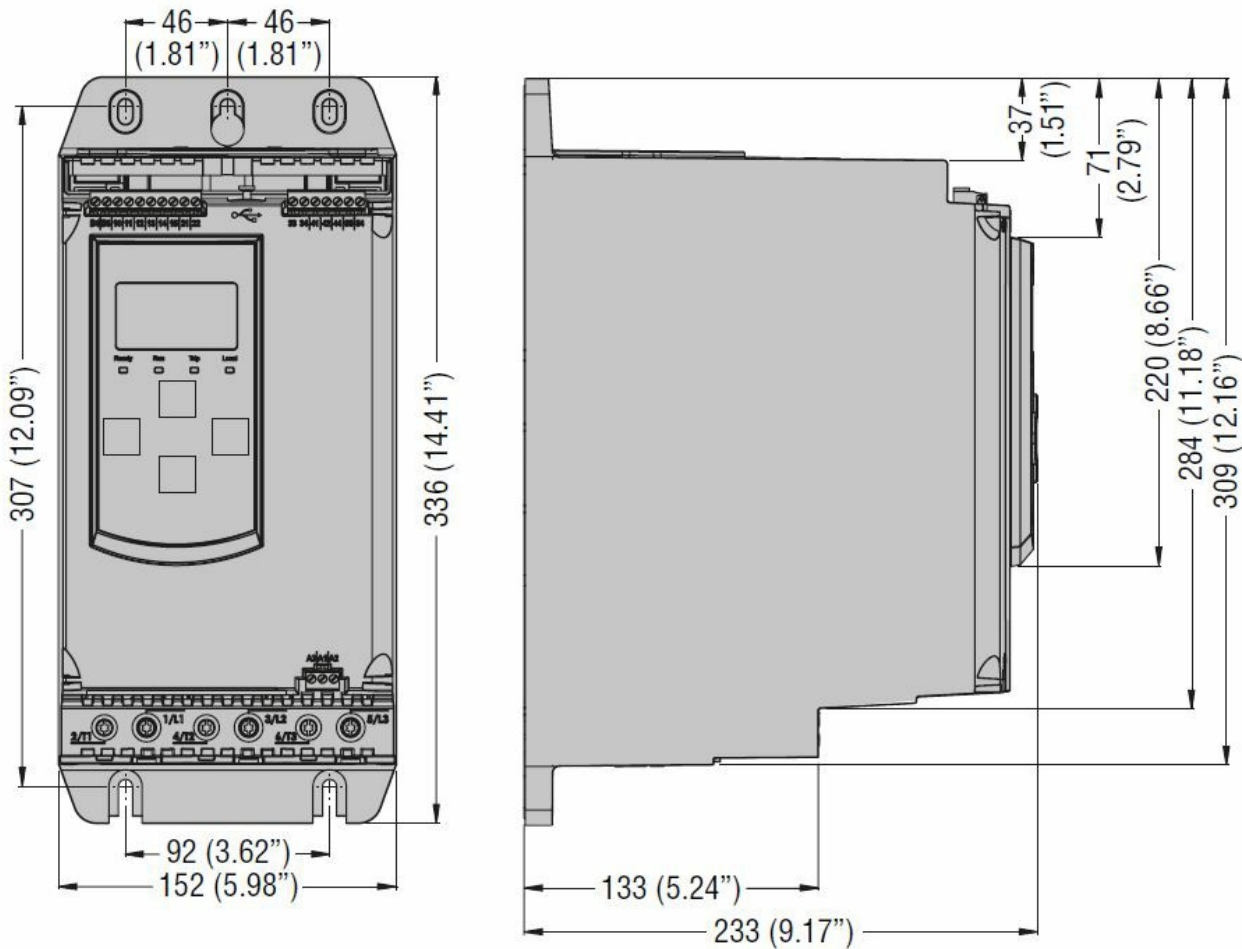
min	°C	-25
max	°C	+60

Max altitude		m	1000 without derating
Relative humidity		%	<95%
Pollution degree			3

### Housing

Mounting			Screw-fixing
IP degree of protection			IP20
Dimensions (W x H x D)		mm	152x336x233
Weight		Kg	5.5

### Dimensions



**Certifications and compliance**

Compliance

CSA C22.2 n°60947-4-2

IEC/EN/BS 60947-4-2

UL 60947-4-2

Certificates

cULus

RCM

**ETIM classification**

ETIM 8.0

EC000640 - Soft starter