



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	311

Rated motor power in-line

IEC ratings (T≤40°C)

400VAC	kW	160
500VAC	KW	220
690VAC	KW	315

UL ratings (T≤40°C)

380-415VAC	HP	150
440-480VAC	HP	250
550-600VAC	HP	300

Rated motor power inside delta

IEC ratings (T≤40°C)

400VAC	kW	250
500VAC	KW	315
690VAC	KW	400

UL ratings (T≤40°C)

380-415VAC	HP	250
440-480VAC	HP	350
550-600VAC	HP	450

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

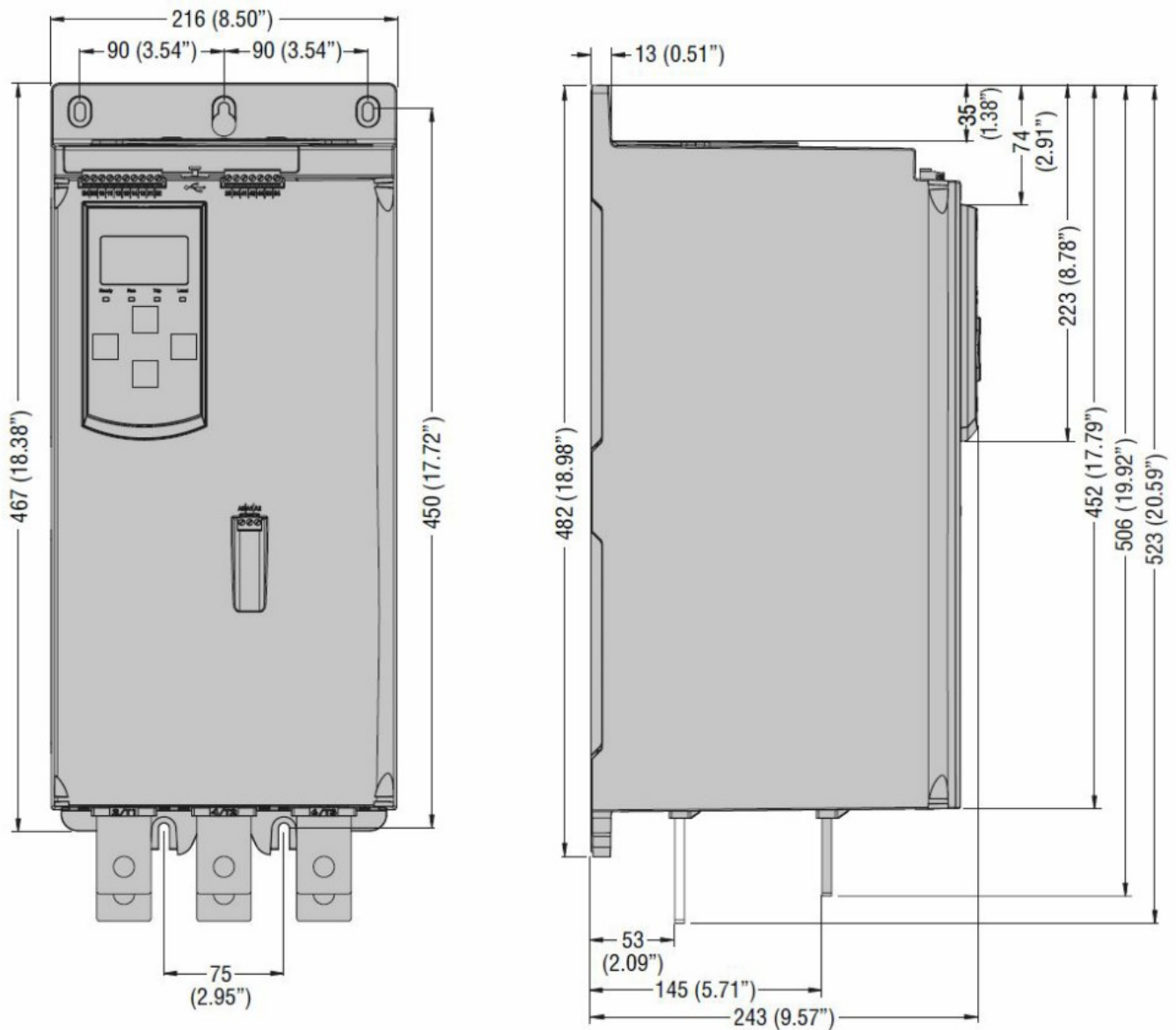
Stop method	Voltage ramp, adaptive control, free-wheel stop, DC braking, soft stop with braking contactor
<b>Protections</b>	
Auxiliary supply protection	Voltage too low
Power supply Protection	No power, phase loss, phase sequence, frequency out of limits, voltage out of limits
Motor protection	Overload, 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

	Digital input type		4 input with dry contact + 1 thermistor input
	Digital input functions		1x Start/Stop, 1x Reset and 2 Programmable
<b>Digital outputs</b>			
	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		
<b>Ambient conditions</b>			
<b>Temperature</b>			
	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
<b>Housing</b>			
	Mounting		Screw-fixing
	IP degree of protection		IP00
	Dimensions (W x H x D)	mm	216x523x244
	Weight	Kg	15.5
<b>Dimensions</b>			



**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