



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	165

Rated motor power in-line

IEC ratings (T≤40°C)

400VAC	kW	90
500VAC	KW	110
690VAC	KW	160

UL ratings (T≤40°C)

380-415VAC	HP	100
440-480VAC	HP	125
550-600VAC	HP	150

Rated motor power inside delta

IEC ratings (T≤40°C)

400VAC	kW	132
500VAC	KW	160
690VAC	KW	200

UL ratings (T≤40°C)

380-415VAC	HP	150
440-480VAC	HP	200
550-600VAC	HP	250

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

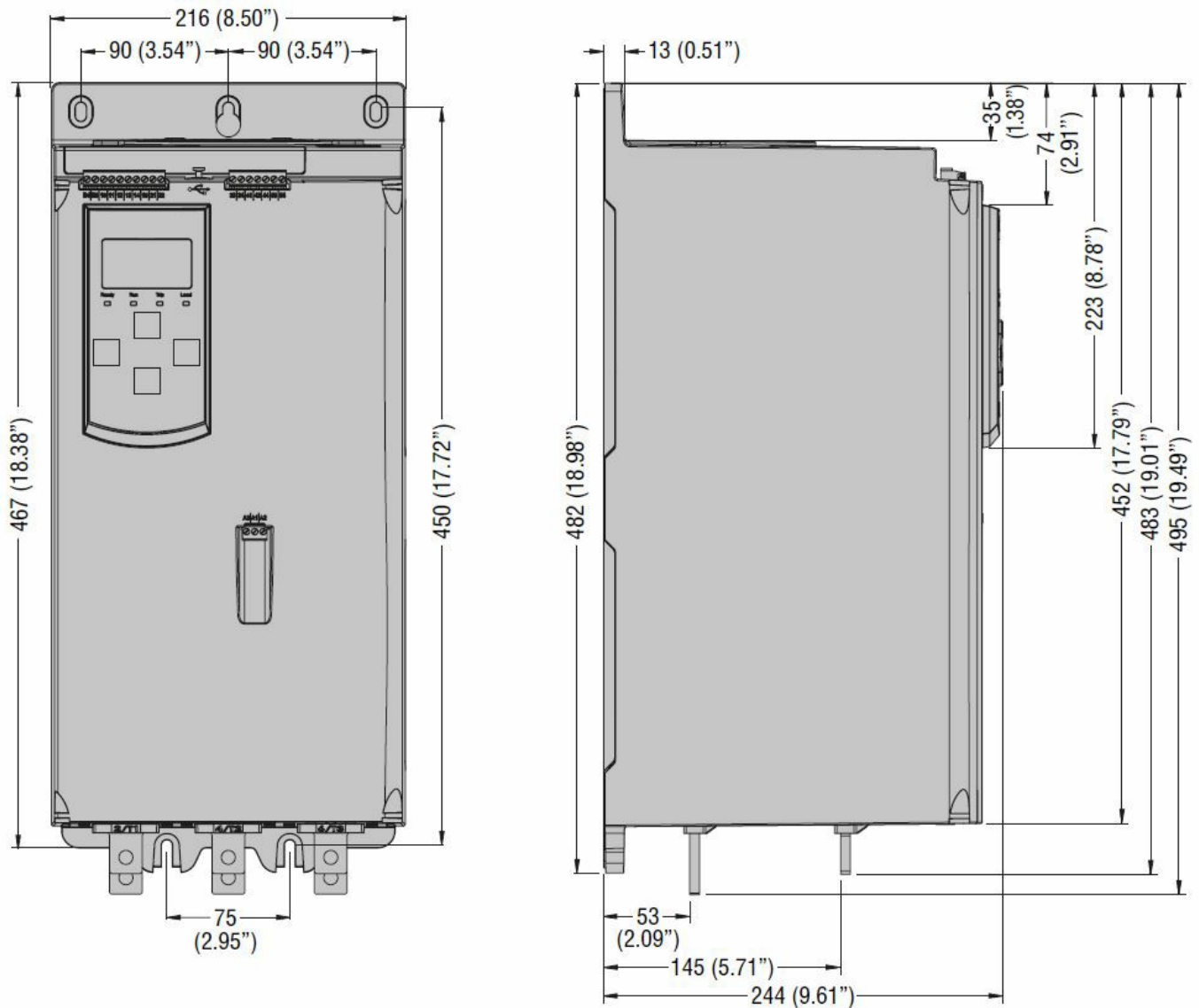
Stop method	Voltage ramp, adaptive control, free-wheel stop, DC braking, soft stop with braking contactor
Protections	
Auxiliary supply protection	Voltage too low
Power supply Protection	No power, phase loss, phase sequence, frequency out of limits, voltage out of limits
Motor protection	Overload, locked rotor, current asymmetry, current too low, power too low, overtemperature, starting too long
Starter protection	Overcurrent, overtemperature, phase shorted

Functions	
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
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			IP00
Dimensions (W x H x D)		mm	216x495x244
Weight		Kg	12.7
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