



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	IEC ratings (T≤40°C)		
		400VAC kW	250
		500VAC KW	315
	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

**Protections**

Auxiliary supply protection	Voltage too low
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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
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Digital output arrangement	2x 1NO + 1x C/O 1NO Line contactor + 1NO
Digital output functions	Programmable + 1C/O Programmable

### Ambient conditions

#### Temperature

##### Operating temperature

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

##### Storage temperature

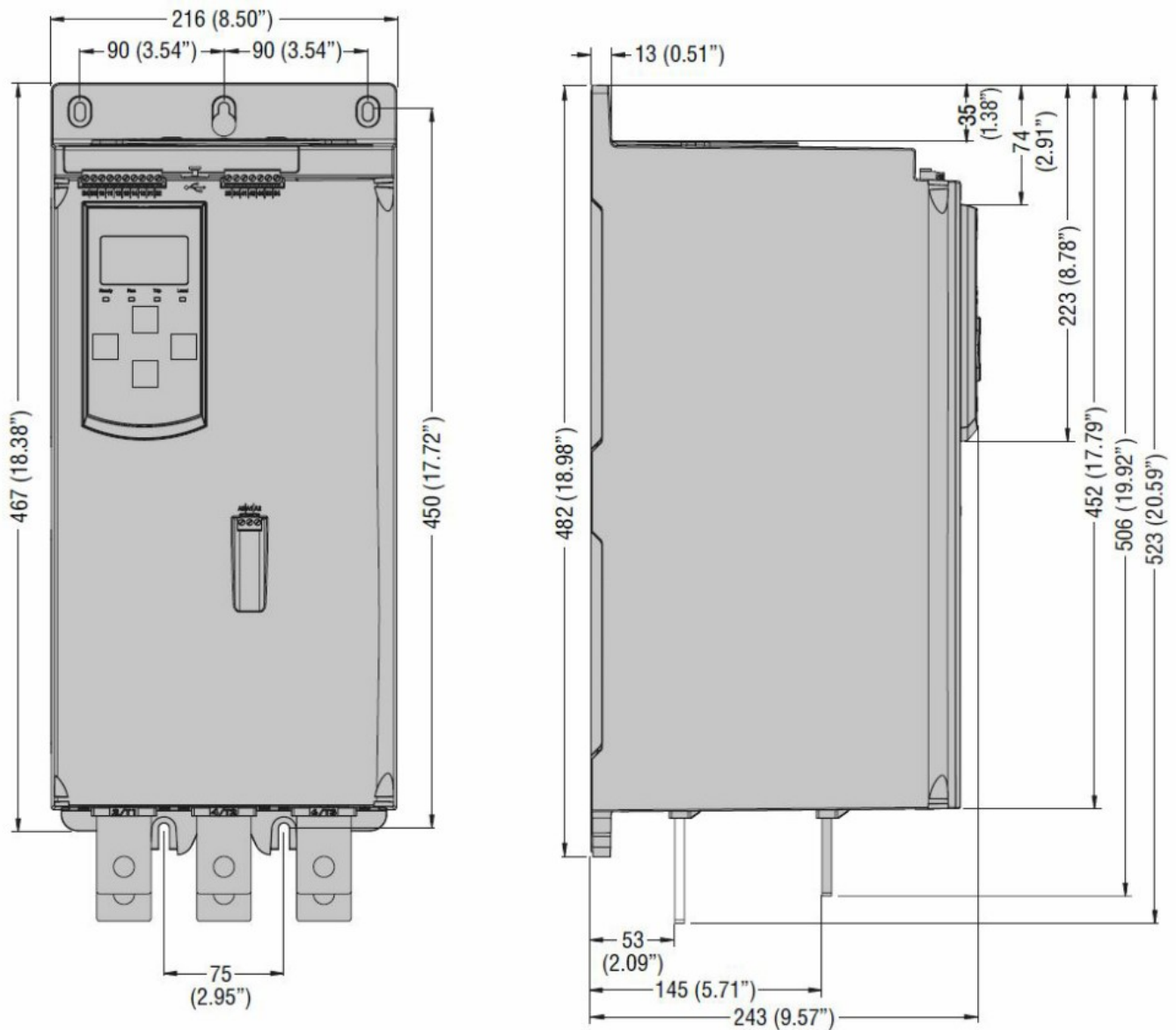
min	°C	-25
max	°C	+60

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	216x523x244
Weight	Kg	15.5

### 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