ADXT0506

SOFT STARTER, ADXT… SERIES, FOR STANDARD AND HEAVY-DUTY APPLICATIONS, WITH BUILT-IN BYPASS RELAY. AUXILIARY SUPPLY VOLTAGE 110…120VAC AND 220…240VAC. RATED OPERATIONAL VOLTAGE 380...690VAC, 506A



Product designation			Soft Starter
Product type designation			ADXT
Motor type			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	506
Rated motor power in-line			
IEC ratings (T≤40°C)			
	400VAC	kW	280
	500VAC	KW	355
	690VAC	KW	500
UL ratings (T≤40°C)			
	380-415VAC	HP	300
	440-480VAC	HP	400
	550-600VAC	HP	500
Rated motor power inside delta			
IEC ratings (T≤40°C)			
	400VAC	kW	400
	500VAC	KW	500
	690VAC	KW	710
UL ratings (T≤40°C)			
	380-415VAC	HP	400
	440-480VAC	HP	600
	550-600VAC	HP	700
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

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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

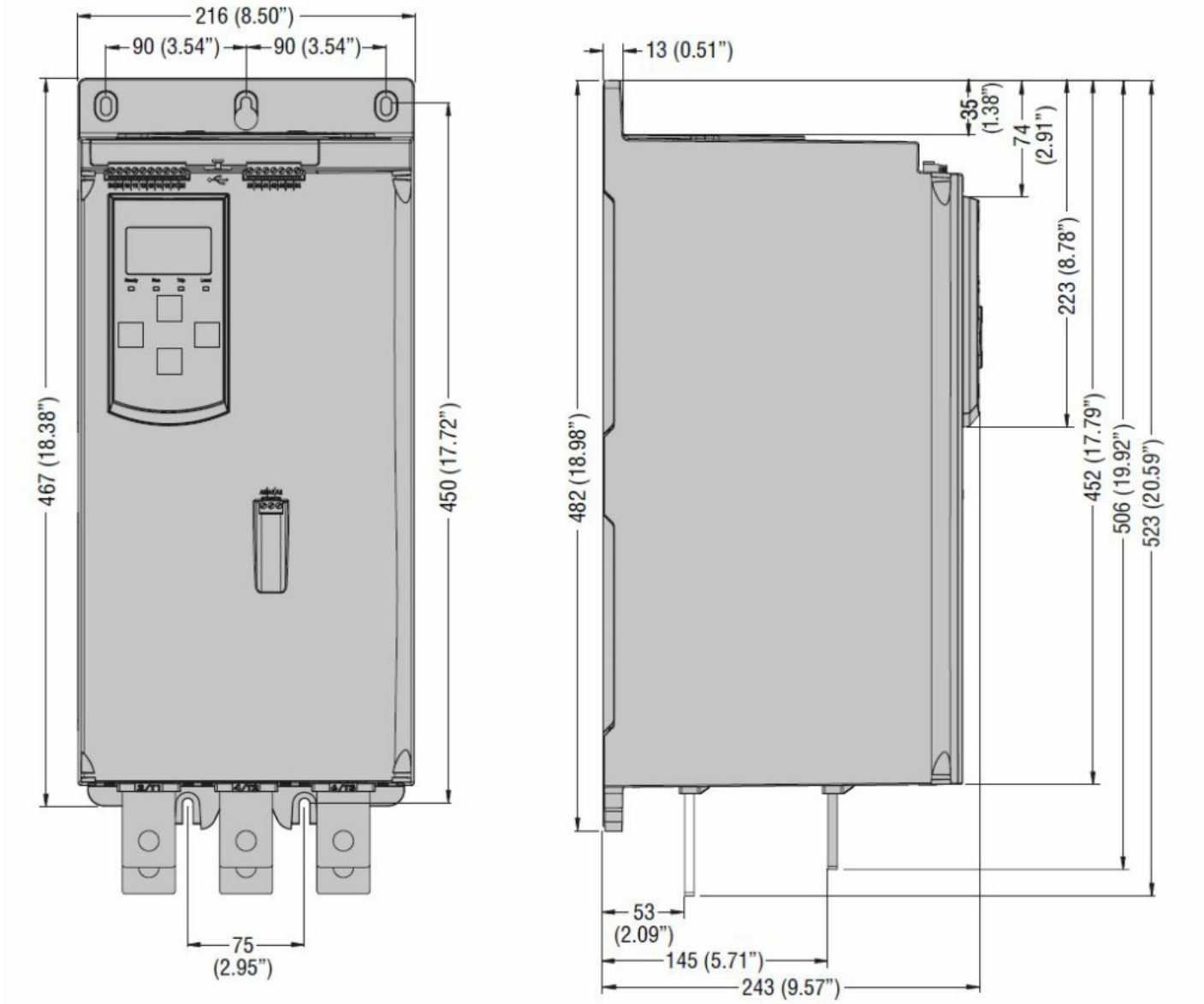
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		Digital input type		4 input with dry contact + 1 thermistor input
		Digital input functions		1x Start/Stop, 1x Reset and 2 Programmable
Digital outputs				
		Number of digital output	Nr.	3
		Digital output arrangement		2x 1NO + 1x C/O
		Digital output functions		1NO Line contactor + 1NO 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	19
Dimensions				

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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

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