ADXT0187

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, 187A



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	187
Rated motor power			
IEC ratings (T≤40°C)			
	400VAC	kW	160
	500VAC	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

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

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

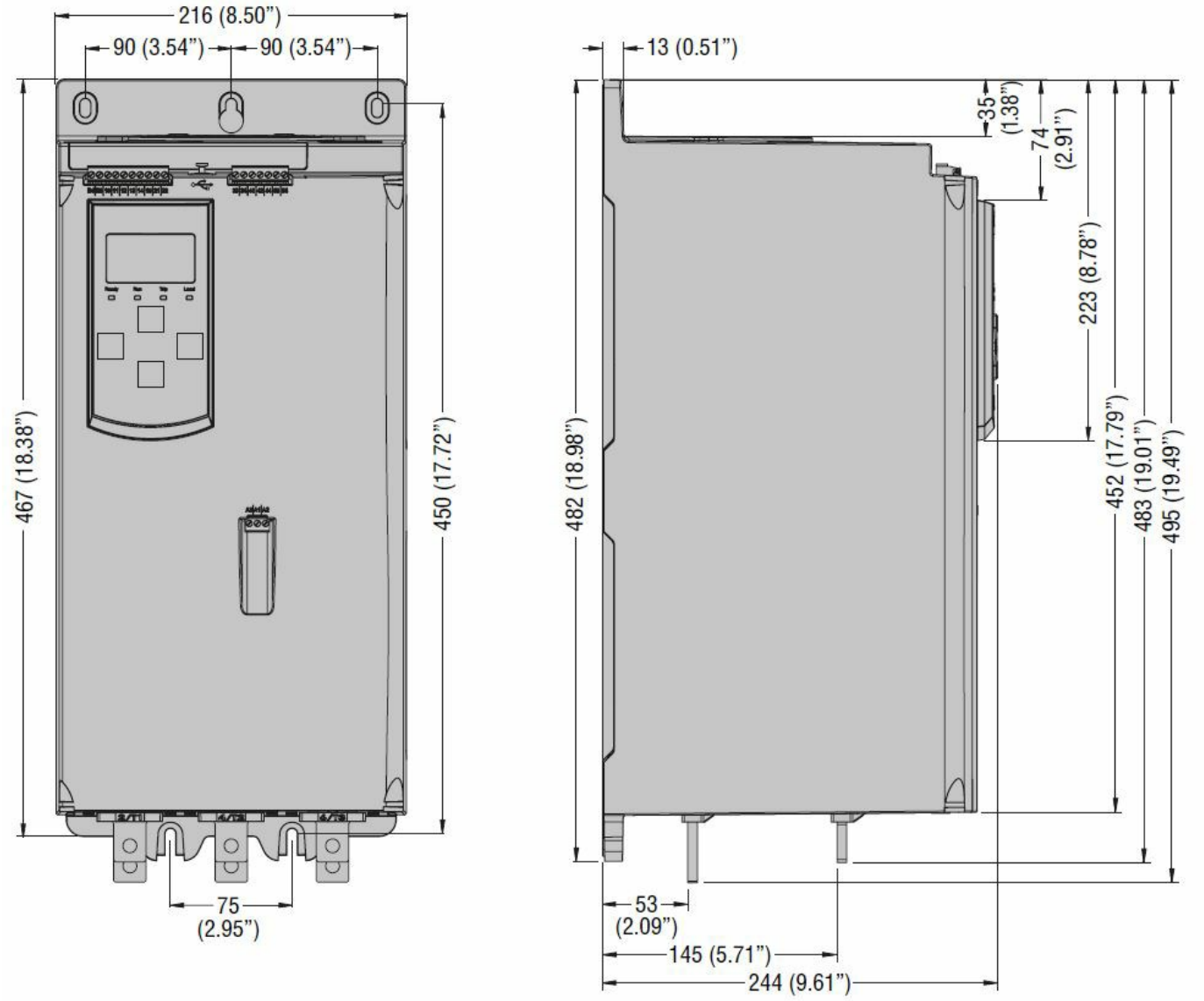
Input and Output

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

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

		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	216x495x244
Weight			Kg	12.7
Dimensions				

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding