ADXT0126

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, 126A

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	126
Rated motor power			
IEC ratings (T≤40°C)			
	400VAC	kW	90
	500VAC	KW	132
UL ratings (T≤40°C)			
	380-415VAC	HP	100
	440-480VAC	HP	150
	550-600VAC	HP	150
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

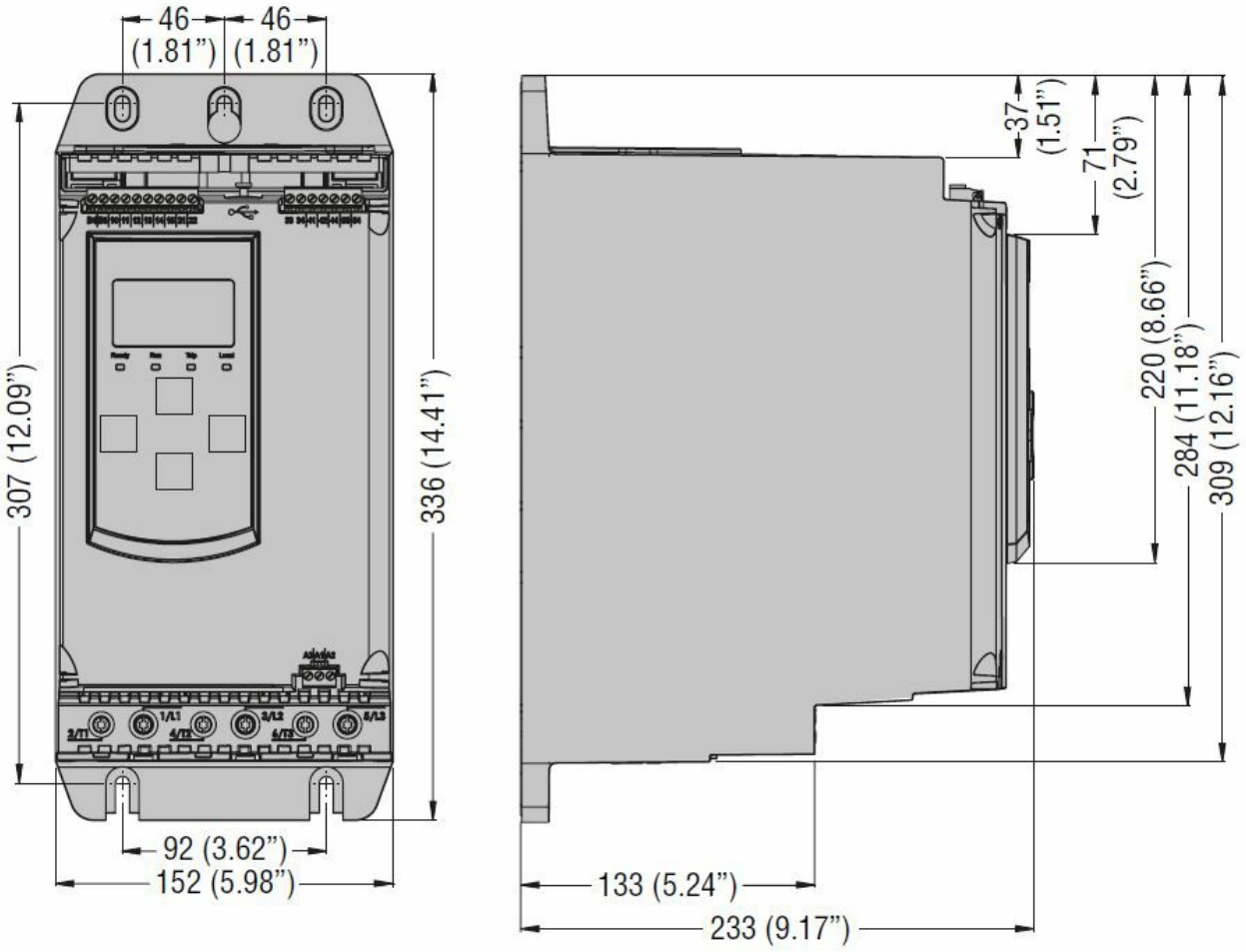
Ambient conditions

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		IP20
Dimensions (W x H x D)	mm	152x336x233
Weight	Kg	5.5

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