



Product designation
Product type designation
Motor type

Soft starter NFC
ADXNF
Asynchronous
three phase

Electrical features

Supplies voltage	Type of system		Three phase
	Rated supply voltage	V	208...600VAC
	auxiliary supply voltage (Us)		100...240VAC
	Rated frequency	Hz	50/60
Rated starter current Ie		A	45
Rated motor power	IEC ratings (T≤40°C)		
		230VAC kW	11
		400VAC kW	22
		500VAC KW	30
	UL ratings (T≤40°C)		
		220-240VAC HP	15
		380-415VAC HP	25
		440-480VAC HP	30
		550-600VAC HP	40
Number of controlled phases		Nr.	2
Built-in bypass			Yes
Cooling System			Forced
Rated insulation voltage Ui		V	600

Programming interface

Display	No
Programming with NFC technology	Yes
Optical port	No

Startup and stop settings

Startup method	Voltage ramp
Stop method	Voltage ramp or free-wheel stop
Acceleration ramp	s 1-20
Deceleration ramp	s 0-20
Startup voltage	% 30-80

Protections

Power supply Protection	No power line, phase loss, frequency out of limits, minimum and maximum voltage and phase sequence
Starter protection	Overtemperature

Functions

Built-in bypass	2
Built-in display and keypad	Yes
Languages	No
View measurements	No
Torque control	No
Adjustable current limit	No
Dynamic braking	No
Kick Start function	No
Motor overload electronic protection	No
Motor protection PTC input	No
Protection against phase loss	No
Protection against phase inversion	Yes
Protection against locked rotor	Yes
Protection against thyristor overtemperature	No
Protection against low load	Yes
Programmable alarm	No
Digital inputs	Yes
Analog inputs	Yes
Digital outputs	No
Analog output	Yes
Monitoring communication	No
Optical port for programming	Optional
Event log	No
Motor hour counter	No
Startup counter	No
Clock calendar	No
Remote external keypad	No
Plug-in version	No

Input and Output

Digital inputs	Number of digital input	Nr.	1
	Digital input type		Volt-free contact
	Digital input functions		Motor start
Digital outputs	Number of digital output	Nr.	2
	Digital output arrangement		2 NO contacts with the same common, 5A 250VAC AC1 - 5A 30 VDC
	Digital output functions		Programmable: line contactor (Run), TOR (Top Of Ramp), alarm

Communication interfaces

Communication interface	NFC
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Ambient conditions

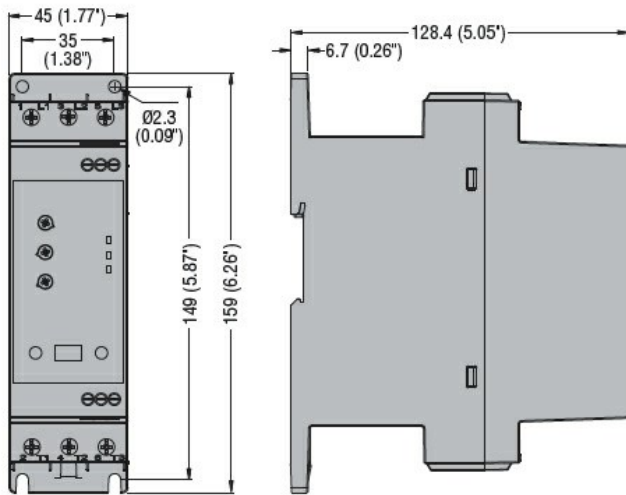
Temperature	Operating temperature	min	°C	-20
		max	°C	+60°C (with current derating >40°C)
	Storage temperature			

	min	°C	-30
	max	°C	+80
Max altitude		m	1000 without derating of the starter current
Relative humidity		%	<80%
Pollution degree			2
Installation category			III

Housing

Mounting			Screw-fixing or 35mm DIN rail (IEC/EN/BS 60715)
IP degree of protection			IP20
Dimensions (W x H x D)	mm		45 x 159 x 128.4
Weight	Kg		0.67

Dimensions [mm (in)]



Certifications and compliance

Compliance	CSA C22.2 n° 60947-4-2
	IEC/EN/BS 60947-1
	IEC/EN/BS 60947-4-2
	UL 60947-4-2

Certificates	cULus
	EAC
	RCM (pending)

ETIM classification

ETIM 8.0	EC000640 - Soft starter
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