



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)		24VAC/DC
Rated frequency	Hz	50/60

Rated starter current Ie		A	45
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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
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Built-in bypass			Yes
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Cooling System			Forced
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Rated insulation voltage Ui		V	600
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Programming interface

Display			No
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Programming with NFC technology			Yes
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Optical port			No
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Startup and stop settings

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

Power supply Protection

No power line,
phase loss,
frequency out of
limits, minimum
and maximum
voltage and
phase sequence

Starter protection			Overtemperature
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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

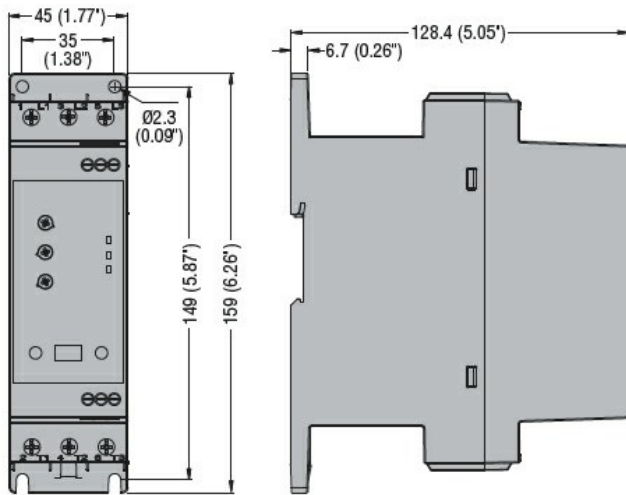
Communication interface	NFC
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Ambient conditions

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



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