



Product designation  
Product type designation  
Motor type

Soft starter basic  
ADXNB  
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	12
Rated motor power	IEC ratings (T≤40°C)		
		230VAC kW	3
		400VAC kW	5.5
		500VAC KW	5.5
	UL ratings (T≤40°C)		
		220-240VAC HP	3
		380-415VAC HP	5
		440-480VAC HP	7.5
		550-600VAC HP	10
Number of controlled phases		Nr.	2
Built-in bypass			Yes
Cooling System			Natural or forced (optional)
Rated insulation voltage Ui		V	600

**Programming interface**

Potentiometer	Settings: starting voltage, acceleration ramp, deceleration ramp
Display	No
Programming with NFC technology	No
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, phase sequence (configurable)
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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	No
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		Line contactor (Run), TOR (Top Of Ramp)

**Communication interfaces**

Communication interface	No
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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
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Relative humidity

%	<80%
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Pollution degree

2

Installation category

III

Housing

Mounting

Screw-fixing or  
35mm DIN rail  
(IEC/EN/BS  
60715)

IP degree of protection

IP20

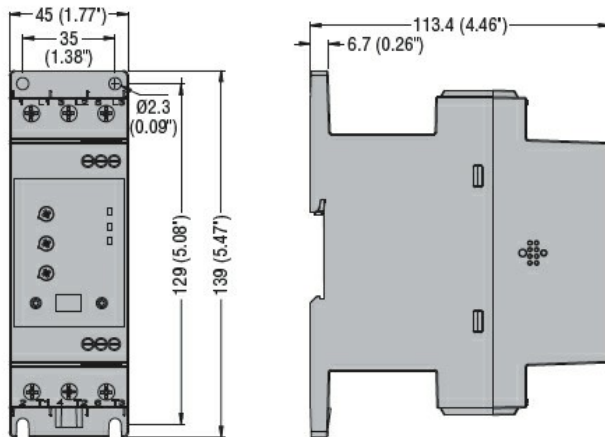
Dimensions (W x H x D)

mm 45 x 139 x 113.4

Weight

Kg 0.45

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