



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	18
Rated motor power	IEC ratings (T≤40°C)		
		230VAC kW	4
		400VAC kW	7.5
		500VAC KW	11
	UL ratings (T≤40°C)		
		220-240VAC HP	5
		380-415VAC HP	10
		440-480VAC HP	10
		550-600VAC HP	15
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)		
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	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		
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
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Installation category

	III
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Housing

Mounting

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

IP degree of protection

IP20

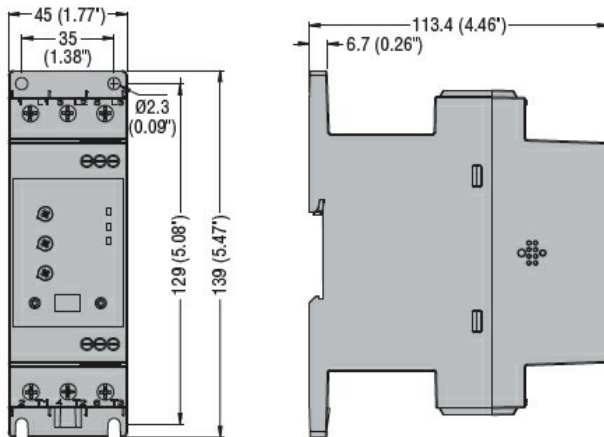
Dimensions (W x H x D)

mm 45 x 139 x 113.4

Weight

Kg 0.45

Dimensions [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