



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)		24VAC/DC
	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**

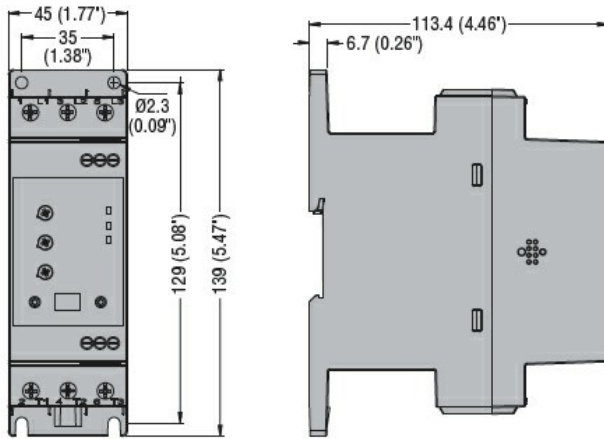
Potentiometer	Settings: starting voltage, acceleration ramp, deceleration ramp
Display	No
Programming with NFC technology	No
Optical port	No

**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)
Starter protection				Overtemperature
<b>Input and Output</b>				
<b>Digital inputs</b>				
	Number of digital input	Nr.	1	
	Digital input type		Volt-free contact	
	Digital input functions		Motor start	
<b>Digital outputs</b>				
	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)	
<b>Communication interfaces</b>				
Communication interface				No
<b>Ambient conditions</b>				
<b>Temperature</b>				
	Operating temperature			
		min	°C	-20
		max	°C	+60°C (with current derating >40°C)
	Storage temperature			
		min	°C	-30
		max	°C	+80
Max altitude				1000 without derating of the starter current
Relative humidity				% <80%
Pollution degree				2
Installation category				III
<b>Housing</b>				
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		
<b>Dimensions</b>				



**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