



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 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**

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)

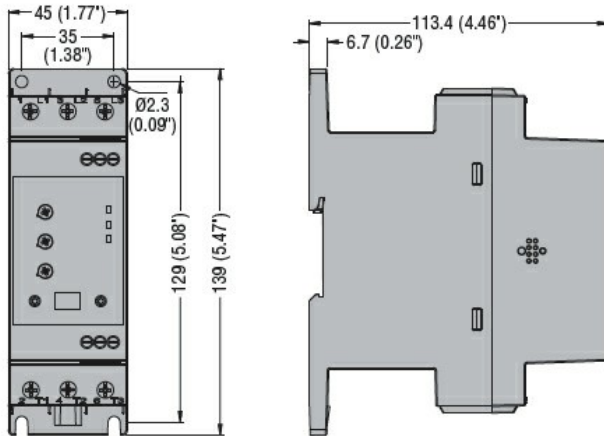
Storage temperature

	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 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