



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	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
<b>Programming interface</b>			
Display			No
Programming with NFC technology			Yes
Optical port			No
<b>Startup and stop settings</b>			
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
<b>Protections</b>			
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)

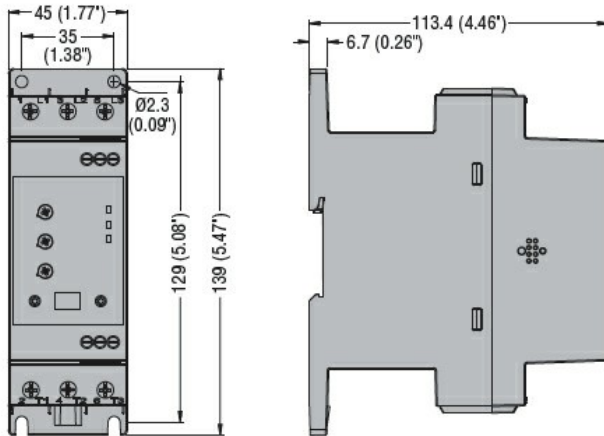
Storage temperature

	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