SOFT STARTER, ADXNF... TYPE, NFC VERSION, WITH INTEGRATED BY-PASS RELAY. AUXILIARY SUPPLY 24VAC/DC. RATED OPERATIONAL VOLTAGE 208...600VAC, 30A

Product designation	Soft starter NFC
Product type designation	ADXNF
Motor type	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	30

Rated motor power

IEC ratings (T≤40°C)			
	230VAC	kW	7.5
	400VAC	kW	15
	500VAC	KW	18.5
UL ratings (T≤40°C)			
	220-240VAC	HP	10
	380-415VAC	HP	15
	440-480VAC	HP	20
	550-600VAC	HP	25

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

ADXNF03024

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

1 / 3

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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			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

Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-20
	max	°C	+60°C (with current derating >40°C)

ADXNF03024

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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 159 x 128.4
Weight	Kg	0.64

Dimensions
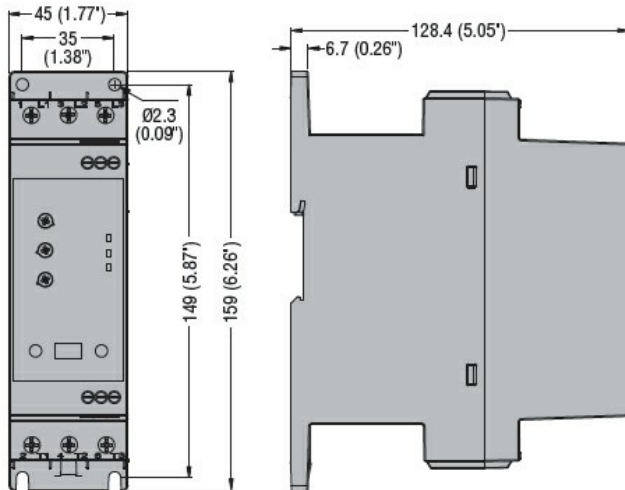
Certifications and compliance

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