ADXNF018

SOFT STARTER, ADXNF... TYPE, NFC VERSION, WITH INTEGRATED BYPASS RELAY. AUXILIARY SUPPLY 100...240VAC. RATED OPERATIONAL VOLTAGE 208...600VAC, 18A



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)		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				
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

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

ADXNF018

SOFT STARTER, ADXNF... TYPE, NFC VERSION, WITH INTEGRATED BYPASS RELAY. AUXILIARY SUPPLY 100...240VAC. RATED OPERATIONAL VOLTAGE 208...600VAC, 18A

Functions	
Built-in bypass	Yes
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	1
Analog inputs	0
Digital outputs	2
Analog output	0
Monitoring communication	No
Optical port for programming	No
Event log	No
Motor hour counter	No
Startup counter	No
Clock calendar	No
Remote external keypad	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)

Storage temperature

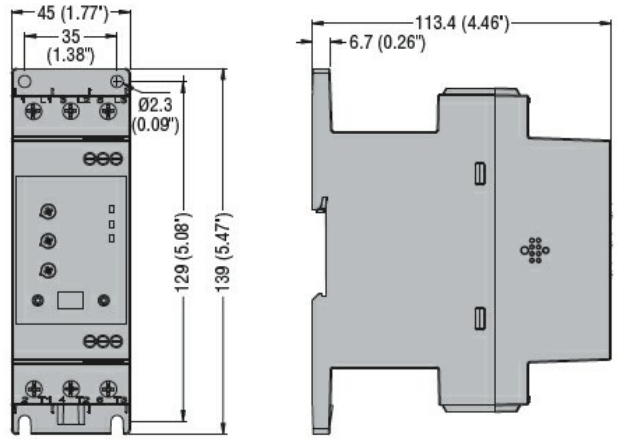
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

	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

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