ADXNF045

SOFT STARTER, ADXNF... TYPE, NFC VERSION, WITH INTEGRATED BY-PASS RELAY, BUILT-IN FAN. AUXILIARY SUPPLY 100...240VAC. RATED OPERATIONAL VOLTAGE 208...600VAC, 45A



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	45
Rated motor power			
IEC ratings (T≤40°C)			
	230VAC	kW	11
	400VAC	kW	22
	500VAC	KW	30
UL ratings (T≤40°C)			
	220-240VAC	HP	15
	380-415VAC	HP	25
	440-480VAC	HP	30
	550-600VAC	HP	40
Number of controlled phases		Nr.	2
Built-in bypass			Yes
Cooling System			Forced
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			

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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			
	min	°C	-30

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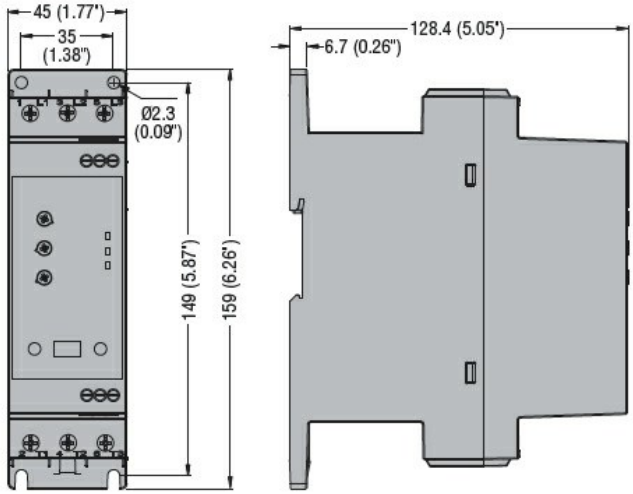
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	max	°C	+80
Max altitude		m	1000 without derating of the starter current
Relative humidity		%	<80%
Pollution degree			2
Installation category			III

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	0.67

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

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