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 type designation ADXNF Motor type Asynchronous three phase Electrical features U 208500/AC Asynchronous three phase Supplies voltage Type of system Rated supply voltage auxiliary supply voltage (U) 100240 VAC ASYNCH					
Electrical features Supplies voltage Supplies voltage Type of system Rated supply voltage Type of system Rated supply voltage U 208600VAC 100240VAC Rated frequency Hz 50/60 Rated frequency H		tion			ADXNF Asynchronous
Supplies voltage Type of system Rated supply voltage auxiliary supply voltage (Us) Rated frequency V 208600VAC Rated starter current le A 45 Rated motor power IEC ratings (T≤40°C) 230VAC kW 11 400VAC kW 22 50VAC kW 12 UL ratings (T≤40°C) 220-240VAC HP 15 380-415VAC HP 25 440-480VAC HP 30 Stated insulation voltage Ui V 600 Programming interface Yes Diplay No Programming with NFC technology Yes Optical port No Startup method Voltage ramp Startup method Voltage ramp Startup method s Programming with NFC technology Yes Optical port No Startup method Voltage ramp Startup method s Protections s Protections s					three phase
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Protections No power line, phase loss, frequency out of limits, minimum and maximum voltage and phase sequence	Deceleration ramp			S	0-20
No power line, phase loss, frequency out of limits, minimum and maximum voltage and phase sequence	Startup voltage			%	30-80
Power supply Protection phase loss, frequency out of limits, minimum and maximum voltage and phase sequence	Protections				
	Power supply Protect	lion			phase loss, frequency out of limits, minimum and maximum voltage and
	Starter protection				Overtemperature

Starter protection	Over
Functions	

ADXNF045



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

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 overload electronic protection No Protection against phase loss No Protection against phase inversion Yes Protection against thyristor overtemperature No Protection against thyristor overtemperature No Protection against phase loss No Protection against phase Yes Protection against phase Yes Protection against thyristor overtemperature No Protection against phase Yes Protection against phase No Digital inputs Yes Analog inputs Yes Digital outputs No Analog output Yes Monitoring communication No <th></th> <th></th>		
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Motor overload electronic protectionNoMotor protection PTC inputNoProtection against phase lossNoProtection against phase inversionYesProtection against locked rotorYesProtection against locked rotorYesProtection against low loadYesProgrammable alarmNoDigital inputsYesAnalog inputsYesDigital outputsNoAnalog outputYesMonitoring communicationNoOptical port for programmingOptionalEvent logNoStartup counterNoClock calendarNoPlug-in versionNoPlug-in versionNo	Dynamic braking	No
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Protection against phase inversionYesProtection against locked rotorYesProtection against locked rotorNoProtection against thyristor overtemperatureNoProtection against low loadYesProgrammable alarmNoDigital inputsYesAnalog inputsYesDigital outputsNoAnalog outputYesMonitoring communicationNoOptical port for programmingOptionalEvent logNoMotor hour counterNoStartup counterNoClock calendarNoPlug-in versionNo	Motor protection PTC input	No
Protection against locked rotorYesProtection against thyristor overtemperatureNoProtection against low loadYesProgrammable alarmNoDigital inputsYesAnalog inputsYesDigital outputsNoAnalog outputYesMonitoring communicationNoOptical port for programmingOptionalEvent logNoMotor hour counterNoStartup counterNoClock calendarNoPug-in versionNoPlug-in versionNo	Protection against phase loss	No
Protection against thyristor overtemperatureNoProtection against low loadYesProgrammable alarmNoDigital inputsYesAnalog inputsYesDigital outputsNoDigital outputsNoAnalog outputYesMonitoring communicationNoOptical port for programmingOptionalEvent logNoMotor hour counterNoStartup counterNoClock calendarNoPug-in versionNoPlug-in versionNo	Protection against phase inversion	Yes
Protection against low loadYesProgrammable alarmNoDigital inputsYesAnalog inputsYesDigital outputsNoAnalog outputYesMonitoring communicationNoOptical port for programmingOptionalEvent logNoMotor hour counterNoStartup counterNoClock calendarNoRemote external keypadNoPlug-in versionNo	Protection against locked rotor	Yes
Programmable alarmNoDigital inputsYesAnalog inputsYesDigital outputsNoAnalog outputYesMonitoring communicationNoOptical port for programmingOptionalEvent logNoMotor hour counterNoStartup counterNoClock calendarNoRemote external keypadNoPlug-in versionNo	Protection against thyristor overtemperature	No
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Monitoring communicationNoOptical port for programmingOptionalEvent logNoMotor hour counterNoStartup counterNoClock calendarNoRemote external keypadNoPlug-in versionNo	Digital outputs	No
Optical port for programmingOptionalEvent logNoMotor hour counterNoStartup counterNoClock calendarNoRemote external keypadNoPlug-in versionNo	Analog output	Yes
Event logNoMotor hour counterNoStartup counterNoClock calendarNoRemote external keypadNoPlug-in versionNo	Monitoring communication	No
Motor hour counter No Startup counter No Clock calendar No Remote external keypad No Plug-in version No	Optical port for programming	Optional
Startup counter No Clock calendar No Remote external keypad No Plug-in version No	Event log	No
Clock calendarNoRemote external keypadNoPlug-in versionNo	Motor hour counter	No
Remote external keypadNoPlug-in versionNo	Startup counter	No
Plug-in version No	Clock calendar	No
Plug-in version No	Remote external keypad	No
•	Plug-in version	No
	Input and Output	

Digital inputs

Digital inputs				
		Number of digital input	Nr.	1
		Digital input type		Volt-free contact
		Digital input functions		Motor start
Digital outputs				
0		Number of digital output	Nr.	2
				2 NO contacts
				with the same
		Digital output arrangement		common, 5A
		<u> </u>		250VAC AC1 -
				5A 30 VDC
				Programmable:
		Digital output functions		line contactor
		Digital output functions		(Run), TOR (Top
				Of Ramp), alarm
Communication interf	faces			
Communication interf	ace			NFC
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-20
				+60°C (with
		max	°C	current derating
				>40°C)
	Storage temperature			•

ADXNF045

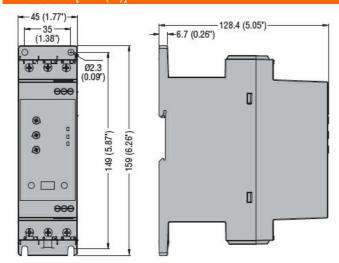
ADXNF045



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

	min	°C	-30
	max	°C	+80
			1000 without
Max altitude		m	derating of the
			starter current
Relative humidity		%	<80%
Pollution degree			2
Installation category			
Housing			
			Screw-fixing or
Manuation			35mm DIN rail
Mounting			(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 [mm (in)]



Certifications and compliance

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

ADXNF045