

# ADXNF02524 SOFT STARTER, ADXNF... TYPE, NFC VERSION, WITH INTEGRATED BY-PASS RELAY. AUXILIARY SUPPLY 24VAC/DC. RATED OPERATIONAL VOLTAGE 208...600VAC, 25A



Product designation Product type designa Motor type	tion			Soft starter NFC ADXNF Asynchronous three phase
Electrical features				
Supplies voltage				
11 0		Type of system		Three phase
		Rated supply voltage	V	208600VAC
		auxiliary supply voltage (Us)		24VAC/DC
		Rated frequency	Hz	50/60
Rated starter current	le		А	25
Rated motor power				
	IEC ratings (T≤40°C)			
		230VAC	kW	5.5
		400VAC	kW	11
		500VAC	KW	15
	UL ratings (T≤40°C)			
		220-240VAC	HP	7.5
		380-415VAC	HP	10
		440-480VAC	HP	15
		550-600VAC	HP	20
Number of controlled	phases		Nr.	2
Built-in bypass				Yes
Cooling System				Natural or forced (optional)
Rated insulation volta	ge Ui		V	600
Programming interfac	ce			
Display				No
Programming with NF	C technology			Yes
Optical port				No
Startup and stop setti	ngs			
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 Protect	ion			No power line, phase loss, frequency out of limits, minimum and maximum voltage and
Startar protection				phase sequence

# Starter protection

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Overtemperature



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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 Yes Analog inputs **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 Digital input type Digital input functions	Nr.	1 Volt-free contact Motor start
Digital outputs	Number of digital output	Nr.	2 2 NO contacts with the same
	Digital output arrangement		
	Digital output functions		line contactor (Run), TOR (Top Of Ramp), alarm
Communication interfaces			
Communication interface			NFC
Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-20 +60°C (with
	max	°C	current derating >40°C)

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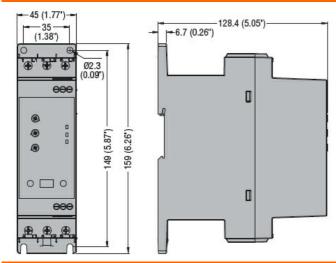
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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Storage temperature			
<b>0</b> .	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

		11 20
Dimensions (W x H x D)	mm	45 x 159 x 128.4
Weight	Kg	0.64
Dimonsione		



## 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		
		EC000640 - Soft

# ETIM 8.0

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EC000640 - Soft starter