SOFT STARTER, ADXNF... TYPE, NFC VERSION, WITH INTEGRATED BY-PASS RELAY, BUILT-IN FAN. AUXILIARY SUPPLY 24VAC/DC. RATED OPERATIONAL VOLTAGE 208...600VAC, 38A

Product designation Product type designation			Soft starter NFC ADXNF Asynchronous
Motor type			three phase
Electrical features			
Supplies voltage			
	Type of system Rated supply voltage auxiliary supply voltage (Us) Rated frequency	V Hz	Three phase 208600VAC 24VAC/DC 50/60
Rated starter current le		Α	38
Rated motor power IEC ratings (T≤40°C)			
	230VAC	kW	11
	400VAC 500VAC	kW KW	18.5 22
UL ratings (T≤40°C)	300 VAC	TVV	22
or raings (1=40 0)	220-240VAC	HP	10
	380-415VAC	HP	20
	440-480VAC	HP	25
	550-600VAC	HP	30
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			\/altana nama
Startup method			Voltage ramp
Stop method			Voltage ramp or free-wheel stop 1-20
Acceleration ramp Deceleration ramp		S S	0-20
Startup voltage		<u></u>	30-80
Protections		70	
Power supply Protection			No power line, phase loss, frequency out of limits, minimum and maximum voltage and phase sequence
Starter protection			Overtemperature
Functions			3 Tortomporature



SOFT STARTER, ADXNF... TYPE, NFC VERSION, WITH INTEGRATED BY-PASS RELAY, BUILT-IN FAN. AUXILIARY SUPPLY 24VAC/DC. RATED OPERATIONAL VOLTAGE 208...600VAC, 38A

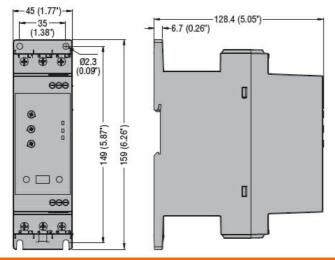
Built-in display and keypad Languages No No No No No No Adjustable current limit No Dynamic braking No Motor overload electronic protection Motor protection PTC input Protection against phase loss Protection against phase inversion Protection against locked rotor Protection against locked rotor Protection against low load Protection against will not a service a service and long to the service an	Built-in bypass				2
Languages View measurements No Torque control No Adjustable current limit No No Adjustable current limit No No No No Kick Start function No Motor overfoad electronic protection No Motor protection against phase inversion No No No Digital inputs Protection against phase inversion No		/nad			
View measurements		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Torque control No Adjustable current limit No No Adjustable current limit No No No No No No No N					
Adjustable current limit No Dynamic braking No Momic braking No Motor roverload electronic protection No Motor protection PTC input No Protection against phase loss No Protection against phase loss No Protection against phase inversion Yes Protection against thylistor overtemperature No Protection against thylistor overtemperature No Protection against tolked rotor Yes Protection against tolked rotor Yes Protection against tolk low load Yes Protection against tolk low load Yes Protection against thylistor overtemperature No Protection against thylistor overtemperature No No Protection against thylistor overtemperature No Analog inputs Yes Digital outputs No Analog inputs No No Optional Event log No Motor four counter No Startup counter No <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
Dynamic braking No No No No No No No N		<u> </u>			
Kick Start function Motor overload electronic protection Motor protection PTC input No Motor protection against phase loss Protection against phase loss Protection against phase loss Protection against locked rotor Protection against locked rotor Protection against locked rotor Protection against locked rotor Protection against low load Programmable alarm Digital inputs No Digital inputs Programmable alarm Digital outputs No Analog inputs No Optical port for programming No Optical port for programming No Motor hour counter No Startup counter No Optical inputs No Motor hour counter No Digital inputs No Digital inputs No Digital inputs Digital input put Digital input type Digital output functions Digital outputs Optical output arrangement Digital output functions Digital output functions Digital output interfaces Communication interface		•			
Motor overload electronic protection No Motor protection PTC input No No Protection against phase loss No Protection against phase inversion Yes Protection against phase inversion Yes Protection against thyristor overlemperature No No Digital input No Protection against tow load Yes Programmable alarm No No Digital outputs Yes Analog inputs Yes No No Analog output Yes No No No Analog output Yes No No No No No No No N					
Motor protection PTC input		unic protection			
Protection against phase loss					
Protection against phase inversion		•			
Protection against locked rotor Protection against thyristor overtemperature Protection against thyristor overtemperature Protection against low load Protection against load Protection again					
Protection against thyristor overtemperature Protection against tow load Protection against tow load Protection against low load Protection against low load Programmable alarm No Digital inputs Programmable alarm No Digital inputs Pres Analog inputs No Analog output No Analog output No Optical port for programming Pent log No Motor hour counter No Motor hour counter No Startup counter No Startup counter No No Input and Output Digital inputs No Input and Output Digital input type Digital input type Digital input type Digital output arrangement Digital output arrangement Digital output arrangement Digital output functions Or Rampl, alarm Communication interfaces Communication interfaces Communication interface Communic					
Protection against low load Programmable alarm No Digital inputs Yes Analog inputs Yes Digital outputs No Analog output Yes Monitoring communication Optical port for programming Veneral port for programmable interesting Veneral port for programming Veneral port for programmable interesting Veneral port for programming Veneral port for program					
Programmable alarm Digital inputs Yes Analog inputs No Digital outputs No Analog output No Optical port for programming Event log Monitoring communication Optical port for programming Event log No Motor hour counter No Clock calendar No Remote external keypad No Input and Output Digital inputs Number of digital input type Digital input functions Digital outputs Number of digital output Digital output Digital output Digital output functions Operating temperature Min °C -20					
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 Clock calendar No Remote external keypad No Plug-in version No Input and Output Nr. Digital inputs Nr. 1 Note free contact Motor start Motor start Digital outputs Nr. 2 Number of digital output functions Nr. 2 No contacts with the same common, 5A 250VAC AC1 - 5A 30 VDC 250VAC AC1 - 5A 30 VDC Programmable: line contactor (Run), TOR (Top Of Ramp), alarm Communication interfaces Communication interfaces NFC Communication interface NFC Communication interfaces NFC Communication interface NFC Communication interface NFC Communication interface NFC <td></td> <td>1044</td> <td></td> <td></td> <td></td>		1044			
Analog inputs Digital outputs No Analog output No Analog output No Monitoring communication Optical port for programming Event log No Motor hour counter No Startup counter No Clock calendar Remote external keypad No Plug-in version Input and Output Digital input sersion Digital output functions Digital output arrangement Digital output arrangement Digital output functions Digital output functions Digital output functions No Communication interfaces Communication interface Communication interface Operating temperature Pire service description No No Communication interface NFC Ambient conditions Temperature No					
Digital outputs					
Analog output Monitoring communication Optical port for programming Venet log No Motor hour counter No Startup counter No Clock calendar No Remote external keypad No Input and Output Digital input so Digital input type Digital input functions Digital output functions Digital output functions Communication interfaces Communication interface Co					
Monitoring communication Optical port for programming Event log Event log Motor hour counter No Motor hour counter No Clock calendar Remote external keypad Plug-in version Input and Output Digital inputs Number of digital input type Digital input functions Digital output arrangement Digital output arrangement Digital output functions Digital o					
Optical port for programming Event log Motor hour counter No Motor hour counter No Startup counter No Clock calendar No Remote external keypad No Input and Output Digital inputs No Digital input functions Digital outputs No Digital output arrangement Digital output functions Digital output func		ation			
Event log Motor hour counter Startup counter Clock calendar No Remote external keypad Digital inputs No No No No No No Input and Output Digital input sperion Digital input type Digital input type Digital input type Digital output functions Nr. 1 Volt-free contact Motor start Number of digital output Nr. 2 2 NO contacts with the same common, 5A 250VAC AC1-5A 30 VDC Programmable: line contactor (Run), TOR (Top Of Ramp), alarm Communication interface Communication interface Communication interface Communication interface Operating temperature Operating temperature Operating temperature Min °C -20 +60°C (with current derating >40°C)					
Motor hour counter Startup counter Clock calendar Remote external keypad Plug-in version Input and Output Digital inputs Number of digital input type Digital input type Digital input functions Number of digital output Nr. 1 Volt-free contact Motor start Pugital outputs Number of digital output Digital output functions Number of digital output Nr. 2 2 NO contacts with the same common, 5A 250VAC AC1 - 5A 30 VDC Programmable: line contactor (Run), TOR (Top Of Ramp), alarm Communication interfaces Communication interface Communication interface Communication interface Operating temperature Pigital output functions Temperature Operating temperature Pigital output functions Nr. 2 2 NO contacts with the same common, 5A 250VAC AC1 - 5A 30 VDC Programmable: line contactor (Run), TOR (Top Of Ramp), alarm Communication interface NFC Ambient conditions Temperature Operating temperature Pigital output functions Nr. 2 2 No contacts With the same common, 5A 250VAC AC1 - 5A 30 VDC Programmable: line contactor (Run), TOR (Top Of Ramp), alarm Communication interface NFC Ambient conditions					
Startup counter Clock calendar Remote external keypad Romote externa					
Clock calendar Remote external keypad Remote external keypad Plugi-in version No Input and Output Digital inputs Number of digital input type Digital output swith the same common, 5A 250VAC AC1 - 5A 30 VDC Programmable: line contactor (Run), TOR (Top Of Ramp), alarm Communication interfaces Communication interface Communication interface Communication interface Operating temperature Operating temperature Operating temperature Min °C -20 +60°C (with carrier derating >40°C)					
Remote external keypad No Plug-in version No Input and Output Digital inputs Number of digital input yoe Digital input type Digital input functions No	-				
Plug-in version Input and Output Digital inputs Number of digital input type Digital input type Digital input type Digital outputs Number of digital output functions Number of digital output Nr. 2 2 NO contacts with the same common, 5A 250VAC AC1 - 5A 30 VDC Programmable: line contactor (Run), TOR (Top Of Ramp), alarm Communication interfaces Communication interface Communication interface Communication interface Operating temperature Operating temperature Operating temperature Min °C -20 +60°C (with current derating >40°C)		ad			
Input and Output Digital inputs Number of digital input type Digital input type Digital input type Digital input functions Number of digital input type Digital outputs Now Point input functions Number of digital output Now Point interfaces Digital output arrangement 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 +60°C (with current derating >40°C)					
Digital inputs Number of digital input type Volt-free contact Volt-free contact					110
Number of digital input type Digital input functions Number of digital output solutions Nr. 2 2 NO contacts with the same common, 5A 250VAC AC1 - 5A 30 VDC Programmable: line contactor (Run), TOR (Top Of Ramp), alarm Communication interfaces Communication interfaces Communication interface NFC Ambient conditions Temperature Operating temperature Min °C -20 +60°C (with max °C current derating >40°C)					
Digital input type Digital input type Digital input type Digital input functions Number of digital output Nr. 2 2 NO contacts with the same common, 5A 250VAC AC1 - 5A 30 VDC Programmable: line contactor (Run), TOR (Top Of Ramp), alarm Communication interfaces Communication interface Communication interface Temperature Operating temperature Operating temperature Min °C -20 +60°C (with carting >40°C)	5 1		Number of digital input	Nr.	1
Digital outputs Number of digital output Nr. 2 2 NO contacts with the same common, 5A 250VAC AC1 - 5A 30 VDC Programmable: line contactor (Run), TOR (Top Of Ramp), alarm Communication interfaces Communication interface Communication interface Communication interface Communication interface Communication interface Temperature Operating temperature Operating temperature Motor start About 1 2 NO contacts with the same common, 5A 250VAC AC1 - 5A 30 VDC Programmable: line contactor (Run), TOR (Top Of Ramp), alarm NFC Ambient conditions Temperature Operating temperature min °C -20 +60°C (with course) +60°C (with carting >40°C)			Ç ,		Volt-free contact
Digital outputs Number of digital output Nr. 2 2 NO contacts with the same common, 5A 2 250VAC AC1 - 5A 30 VDC Programmable: line contactor (Run), TOR (Top Of Ramp), alarm Communication interfaces Communication interface Temperature Operating temperature Operating temperature min °C -20 +60°C (with current derating >40°C)					
Number of digital output Nr. 2 2 NO contacts with the same common, 5A 250VAC AC1 - 5A 30 VDC Programmable: line contactor (Run), TOR (Top Of Ramp), alarm Communication interfaces Communication interface Communication interface Temperature Operating temperature Min °C -20 +60°C (with max °C current derating >40°C)	Digital outputs		<u> </u>		
Digital output arrangement Digital output arrangement Digital output functions Programmable: line contactor (Run), TOR (Top Of Ramp), alarm Communication interfaces Communication interface Ambient conditions Temperature Operating temperature min °C -20 +60°C (with current derating >40°C)			Number of digital output	Nr.	2
Digital output arrangement Digital output arrangement Digital output functions Programmable: line contactor (Run), TOR (Top Of Ramp), alarm NFC Ambient conditions Temperature Operating temperature min °C -20 +60°C (with current derating >40°C)					2 NO contacts
Digital output functions Communication interfaces Communication interfaces NFC Ambient conditions Temperature Operating temperature min °C -20 +60°C (with current derating >40°C)					with the same
Digital output functions Digital output functions Digital output functions Digital output functions Communication interfaces Communication interface Communication interface NFC Ambient conditions Temperature Operating temperature min °C -20 +60°C (with current derating >40°C)			Digital output arrangement		
Digital output functions Digital output functions Digital output functions Digital output functions Communication interfaces Communication interface NFC Ambient conditions Temperature Operating temperature min °C -20 +60°C (with +60°C (with current derating >40°C)					
Digital output functions Line contactor (Run), TOR (Top Of Ramp), alarm					
Communication interfaces Communication interface Communication interface Communication interface NFC Ambient conditions Temperature Operating temperature min °C -20 +60°C (with current derating >40°C)					
Communication interfaces Communication interface Communication interface NFC Ambient conditions Temperature Operating temperature min °C -20 +60°C (with max °C current derating >40°C)			Digital output functions		
Communication interfaces Communication interface Ambient conditions Temperature Operating temperature min °C -20 +60°C (with max °C current derating >40°C)					
Communication interface Ambient conditions Temperature Operating temperature min °C -20 +60°C (with max °C current derating >40°C)	Communication interfa	aces			2.1.13.1.1p/, didiffi
Ambient conditions Temperature Operating temperature min °C -20 +60°C (with max °C current derating >40°C)					NFC
Operating temperature min °C -20 +60°C (with max °C current derating >40°C)					
Operating temperature min °C -20 +60°C (with max °C current derating >40°C)	Temperature				
min °C -20 +60°C (with max °C current derating >40°C)	·	Operating temperature			
max °C current derating >40°C)		· ·	min	°C	-20
max °C current derating >40°C)					+60°C (with
· · · · · · · · · · · · · · · · · · ·			max	°C	current derating
Storage temperature					>40°C)
		Storage temperature			



SOFT STARTER, ADXNF... TYPE, NFC VERSION, WITH INTEGRATED BY-PASS RELAY, BUILT-IN FAN. AUXILIARY SUPPLY 24VAC/DC. RATED OPERATIONAL VOLTAGE 208...600VAC, 38A

	min	°C	-30
	max	°C	+80
			1000 without
Max altitude		m	derating of the
			starter current
Relative humidity		%	<80%
Pollution degree			2
Installation category			III
Housing			
			Screw-fixing or 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)]			

Dimensions [mm (in)]



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

3/3