

# SOFT STARTER, ADXNP... TYPE, ADVANCED VERSION, WITH INTEGRATED BYPASS RELAY. AUXILIARY SUPPLY 100...240VAC. RATED OPERATIONAL VOLTAGE 208...600VAC, 12A

Product type designation         Soft starter advanced three phases.           Electrical features           Type of system Rated supply voltage auxiliary voltage auxiliary supply voltage auxiliary voltage auxiliary supply voltage auxiliary supply supply voltage auxiliary supply voltage auxiliary supply voltage auxiliary voltage auxiliary supply voltage auxiliary voltage auxiliary supply voltage auxiliary supply voltage auxiliary supply voltage auxiliary supply voltage auxiliary volta					6 0 0
Product type designation	Product designation				
Motor type   Selectrical features   Supplies voltage   Type of system Rated supply voltage   Natural or forced features   Natural or features   Natural or forced features   Natural or forced features   Natural or forced features   Natural or featu	Product type designati	on			
Type of system Rated supply voltage   Rated starter current le   Rated frequency   Hz   50060   100240VAC   208600VAC					
Type of system Rated supply voltage and surliar supply voltage (us)   100240VAC   10024	Electrical features				trice priase
Rated supply voltage (LP)         V         208600VAC 100240VAC 100240VAC 100240VAC Rated frequency         FV         20.000240VAC 100240VAC 1002	Supplies voltage				
Rated starter current le         auxiliary supply voltage (Us) Rated frequency         Hz         50/60           Rated motor power         IEC ratings (T≤40°C)         230VAC         kW         3 400VAC         kW         5.5         500VAC         kW         5.0         500VAC         kW         5.					
Rated starter current le         Rated frequency         Hz         50/60           Rated motor power         IEC ratings (T≤40°C)         230VAC kW 3 400VAC kW 5.5 500VAC kW 5.5 500VAC kW 5.5 500VAC kW 5.5           UL ratings (T≤40°C)         220-240VAC HP 3 380-415VAC HP 5 5440-480VAC HP 7.5 550-600VAC HP 10           Number of controlled phases         Nr. 2           Built-in bypass         Yes           Cooling System         Natural or forced (optional)           Rated insulation voltage Ui         V 600           Programming interface         Settings: starting voltage, acceleration ramp, deceleration ramp, deceleration ramp, beceleration ramp, beceleration ramp, beceleration ramp, become be disabled via NFC.           Display         No           Programming with NFC technology         Yes           Optical port         Yes           Startup and stop settings         Voltage ramp with current limit           Stop method         Voltage ramp or free-wheel stop of free-wheel s			, , ,	V	
Rated starter current le         A         12           Rated motor power         IEC ratings (T≤40°C)         230VAC kW 3 400VAC kW 5.5 500VAC HP 3 380-415VAC HP 5 440-480VAC HP 7.5 550-600VAC HP 10           Number of controlled phases         Nr. 2           Built-in bypass         Yes           Cooling System         Natural or forced (optional)           Rated insulation voltage Ui         V 600           Programming interface         Settings: starting voltage, acceleration ramp, deceleration ramp, deceleration ramp, Note. Potentiometers can be disabled via NFC.           Display         No           Programming with NFC technology         Yes           Optical port         Yes           Startup and stop settings         Yes           Startup method         Voltage ramp with current limit           Stop method         Voltage ramp or free-wheel stop           Acceleration ramp         Voltage ramp or free-wheel stop					
Rated motor power			Rated frequency		
EEC ratings (T≤40°C)				Α	12
230VAC	Rated motor power	IFO (7.44000)			
Movac   KW   5.5		IEC ratings (1≤40°C)	0001/40	1-147	0
SOUVAC   KW   5.5					
UL ratings (T≤40°C)					
220-240VAC		III ratings (T 10°C)</td <td>300 VAC</td> <td>rvv</td> <td>5.5</td>	300 VAC	rvv	5.5
Number of controlled phases   Nr.   2		or raings (1340 C)	220-240VAC	HP	3
440-480VAC 550-600VACHP HP HP HD7.5 10Number of controlled phasesNr.2Built-in bypassYesCooling SystemNatural or forced (optional)Rated insulation voltage UiV600Programming interfaceSettings: starting voltage, acceleration ramp, deceleration ramp, Note. PotentiometerPotentiometerPotentiometers can be disabled via NFC.DisplayNoProgramming with NFC technologyYesOptical portYesStartup and stop settingsVoltage ramp with current limitStartup methodVoltage ramp or free-wheel stopAcceleration ramps1-20					
S50-600VAC HP 10					
Number of controlled phases       Nr. 2         Built-in bypass       Yes         Cooling System       Natural or forced (optional)         Rated insulation voltage Ui       V 600         Programming interface         Settings: starting voltage, acceleration ramp, voltage, acceleration ramp. Note. Potentiometers can be disabled via NFC.         Display       No         Programming with NFC technology       Yes         Optical port       Yes         Startup and stop settings       Voltage ramp with current limit         Stop method       Voltage ramp or free-wheel stop         Acceleration ramp       s 1-20					
Built-in bypassYesCooling SystemNatural or forced (optional)Rated insulation voltage UiV 600Programming interfaceSettings: starting voltage, acceleration ramp, deceleration ramp, Note, PotentiometerPotentiometerdeceleration ramp. Note. Potentiometers can be disabled via NFC.DisplayNoProgramming with NFC technologyYesOptical portYesStartup and stop settingsYoltage ramp with current limitStartup methodVoltage ramp or free-wheel stopAcceleration ramps 1-20	Number of controlled p	phases		Nr.	
Rated insulation voltage Ui Programming interface  Settings: starting voltage, acceleration ramp, Vote deceleration ramp. Note. Potentiometers can be disabled via NFC.  Display Programming with NFC technology Optical port Startup and stop settings Startup method  Acceleration variable deceleration ramp. Note. Potentiometers can be disabled via NFC.  Voltage ramp with variable via NFC ves.  Startup and stop settings Startup method  Acceleration ramp  Voltage ramp or free-wheel stop or free-wheel stop.					Yes
Rated insulation voltage Ui  Programming interface  Settings: starting voltage, acceleration ramp, of deceleration ramp, Note. Potentiometers can be disabled via NFC.  Display  Programming with NFC technology  Optical port  Startup and stop settings  Startup method  Stop method  Acceleration ramp Voltage via NFC.  Voltage ramp with current limit  Voltage ramp or free-wheel stop  Acceleration ramp  s 1-20	Cooling System				
Potentiometer  Potentiometer  Potentiometer  Potentiometer  Potentiometer  Display  No  Programming with NFC technology  Optical port  Startup and stop settings  Startup method  Acceleration ramp. Note. Potentiometers can be disabled via NFC.  Yes  Voltage ramp with current limit  Voltage ramp or free-wheel stop  Acceleration ramp  \$ 1-20	Rated insulation voltag	e Ui		V	
Potentiometer  Potentiometer  Potentiometer  Potentiometer  Potentiometers  can be disabled via NFC.  Display  No  Programming with NFC technology  Optical port  Startup and stop settings  Startup method  Stop method  Acceleration ramp  Voltage ramp or free-wheel stop  Acceleration ramp  s 1-20	Programming interface				
Potentiometers can be disabled via NFC.  Display Programming with NFC technology Optical port Startup and stop settings Startup method Stop method Acceleration ramp Startup and stop settings Startup method Stop method	Potentiometer				voltage, acceleration ramp, deceleration
Programming with NFC technology  Optical port  Startup and stop settings  Startup method  Stop method  Acceleration ramp  Yes  Voltage ramp with current limit  Voltage ramp or free-wheel stop					Potentiometers can be disabled via NFC.
Optical port Startup and stop settings Startup method Stop method Stop method Acceleration ramp  Yes  Voltage ramp with current limit  Voltage ramp or free-wheel stop  s 1-20					
Startup and stop settingsStartup methodVoltage ramp with current limitStop methodVoltage ramp or free-wheel stopAcceleration ramps1-20		technology			
Startup methodVoltage ramp with current limitStop methodVoltage ramp or free-wheel stopAcceleration ramps1-20					Yes
Stop method Voltage ramp or free-wheel stop  Acceleration ramp s 1-20		gs			
Acceleration ramp s 1-20	Stop method				Voltage ramp or
Deceleration ramp s 0-20	Acceleration ramp			s	
	Deceleration ramp			S	0-20



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Startup voltage		%	30-80
Protections			
Power supply Protection			No power line, phase loss, frequency out of limits, minimum and maximum voltage and phase sequence
Motor protection			Electronic current thermal protection (overload), locked rotor, current asymmetry, load too low, starting too long  Overtemperature
Starter protection			and overcurrent
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		common, 5A 250VAC AC1 - 5A 30 VDC Programmable: line contactor (Run), TOR (Top Of Ramp), alarm, max torque
Communication interfaces			NFC, optical port
Communication interface			for the connection of USB (CX01) and Wi-Fi (CX02) devices, optional RS485 module (CX04) Modbus RTU protocol
Ambient conditions			
Temperature Operating temperature	min	°C	-20
	max	°C	+60°C (with current derating >40°C)
Storage temperature	min	°C	-30
	max	°C	+80

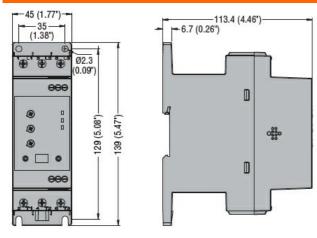


**ENERGY AND AUTOMATION** 

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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	0.47
Dimensions		

#### 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