



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	6	
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Rated motor power in-line

IEC ratings (T≤40°C)

230VAC	kW	1.1
400VAC	kW	2.2
500VAC	KW	3

UL ratings (T≤40°C)

220-240VAC	HP	1.5
380-415VAC	HP	2
440-480VAC	HP	3
550-600VAC	HP	5

Number of controlled phases	Nr.	2	
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Built-in bypass	Yes		
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Cooling System	Natural or forced (optional)		
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Rated insulation voltage Ui	V	600	
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Programming interface

Potentiometer	Settings: starting voltage, acceleration ramp, deceleration ramp		
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Display	No		
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Programming with NFC technology	No		
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Optical port	No		
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Startup and stop settings

Startup method	Voltage ramp		
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Stop method	Voltage ramp or free-wheel stop		
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Acceleration ramp	s	1-20	
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Deceleration ramp	s	0-20	
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Startup voltage	%	30-80	
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Protections

Power supply Protection	No power line, phase loss, frequency out of limits, phase sequence (configurable)		
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Starter protection	Overtemperature
Functions	
Built-in bypass	Yes
Built-in display and keypad	No
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	Yes
Protection against phase inversion	Yes
Protection against locked rotor	No
Protection against thyristor overtemperature	Yes
Protection against low load	No
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		Line contactor (Run), TOR (Top Of Ramp)

Communication interfaces

Communication interface	No
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Ambient conditions

Temperature	Operating temperature	min	°C	-20
		max	°C	+60°C (with current derating >40°C)

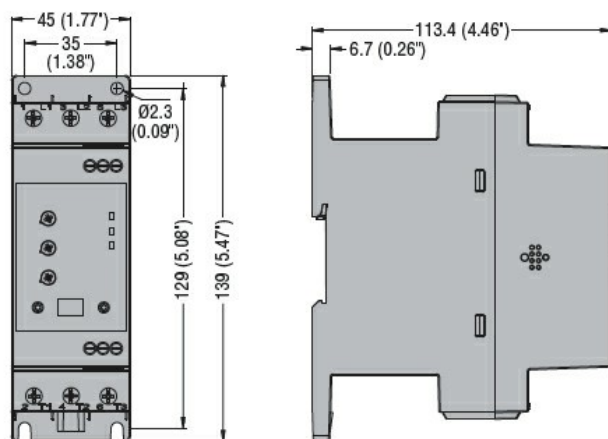
Storage temperature

	min	°C	-30
	max	°C	+80
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		0.45

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