



Electrical features

Supplies voltage

Type of system		Three phase
Rated supply voltage	V	208...600VAC
auxiliary supply voltage (Us)		24VAC/DC
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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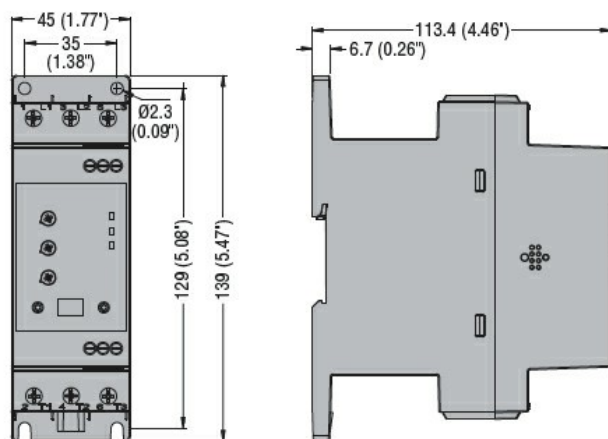
Starter protection				Overtemperature
Functions				
Built-in bypass				Yes
Built-in display and keypad				No
Languages				No
View measurements				No
Torque control				No
Adjustable current limit				No
Dynamic braking				No
Kick Start function				No
Motor overload electronic protection				No
Motor protection 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
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