



**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	18
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Rated motor power in-line

IEC ratings (T≤40°C)

230VAC	kW	4
400VAC	kW	7.5
500VAC	KW	11

UL ratings (T≤40°C)

220-240VAC	HP	5
380-415VAC	HP	10
440-480VAC	HP	10
550-600VAC	HP	15

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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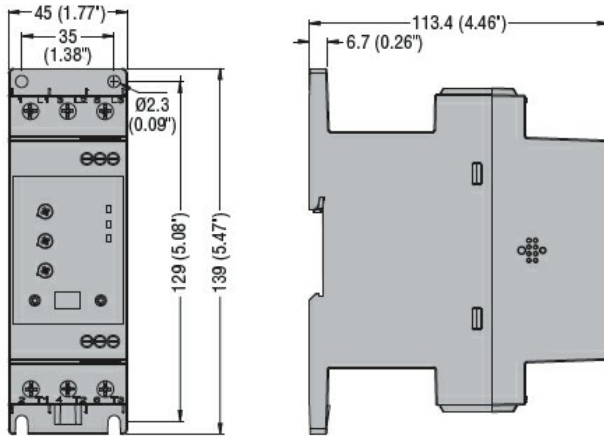
Starter protection				Overtemperature
<b>Functions</b>				
Built-in bypass				Yes
Built-in display and keypad				No
Languages				No
View measurements				No
Torque control				No
Adjustable current limit				No
Dynamic braking				No
Kick Start function				No
Motor overload electronic protection				No
Motor 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
<b>Input and Output</b>				
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)	
<b>Communication interfaces</b>				
Communication interface				No
<b>Ambient conditions</b>				
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
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