



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	12
Rated motor power in-line			
	IEC ratings (T≤40°C)		
	230VAC	kW	3
	400VAC	kW	5.5
	500VAC	KW	5.5
	UL ratings (T≤40°C)		
	220-240VAC	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

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

Startup and stop settings

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

Protections

Power supply Protection			No power line, phase loss, frequency out of limits, phase sequence (configurable)
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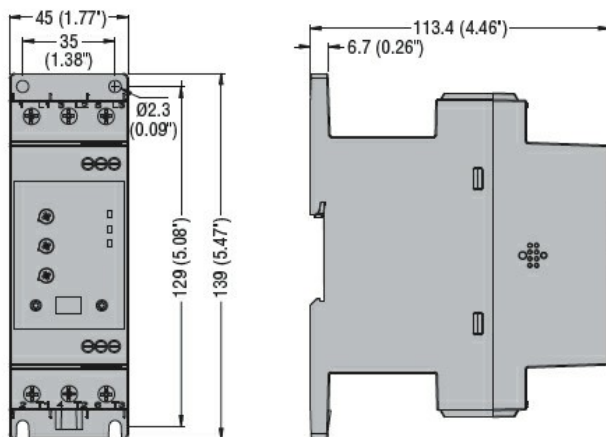
Starter protection				Overtemperature
Functions				
Built-in bypass				Yes
Built-in display and keypad				No
Languages				No
View measurements				No
Torque control				No
Adjustable current limit				No
Dynamic braking				No
Kick Start function				No
Motor overload electronic protection				No
Motor protection 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