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SV1100IS7-4SOD

Variable Speed/Frequency Drive (VSD/VFD) / Inverter with built-in DC reactor + graphic loader - LSIS (LS-iS7 series) - Input voltage 380Vac-480Vac (3-phase) (-15%...+10%) (400Vac / 415Vac / 440Vac) - Rated power 110kW / 150HP - Rated output current 264A (VT; normal duty) - Frequency (output) 0.01-400Hz - 3-phase 400V class - with RS-485 communication capablilty - NEMA 1 - Order code 6121005200



Brand
LS ELECTRIC

Online Price
\$14,136.84

Contact for availability



Please add this item to cart to request a quote or contact us at ka.kyklo@gilsoneng.com for product availability.

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LSIS - LS-IS7 SERIES SV1100IS7-4SOD

Additional Information

Variable Speed / Frequency Drive (VSD/VFD) / Inverter - LSIS (iS7 series) - Rated input voltage (3-phase) 380V-480V - Rated power 150HP - Rated current 150 Amps - NEMA 1 - with built-in Keypad - DC reactor built-in - Order code: 6121005200

Main function

Variable Speed/Frequency Drive (VSD/VFD) / Inverter

Product series / family name

LS-iS7 series

Network frequency

(input) 50/60 Hz

(output) 0.01-400 Hz

(output sensorless-1 control) 0.01-300 Hz

(output sensorless-2 / sensored control) 0.01-120 Hz

Functions

Variable Speed/Frequency Drive (VSD/VFD) / Inverter

V/f control

V/f PG control

Slip compensation

Sensorless-1 vector

Sensorless-2 vector

Sensored vector

Auto & Manual torque boost

PID control

Up-Down operation

3-wire operation

DC braking

Frequency limit

Second function

Reverse rotation prevention

Auto restart

Drive By-pass

Auto-tuning

Energy buffering

Power braking

Flux braking

Low leakage

MMC

Easy start

Design

built-in DC reactor

3-phase 400V class

Frame size 10

heatsink out the back

graphic loader

Rated current

264A (VT; normal duty)

223A (CT; heavy duty)

Rated active power (kW)

110kW

Rated power (HP)

150HP

Protection functions

Over current

Over voltage

Low current

External trip

Ground fault

Drive overheat

I/O phase open

Overload

Communication error

Frequency command loss

Hardware fault

Fan fault

Pre-PID fault

No motor trip

External brake trip

Communication protocol

RS-485

Digital inputs

4 x digital inputs (24Vdc; NPN/Sink or PNP/Source) (FX Forward; RX Reverse; BX Emergency stop; RST Reset)

Digital outputs

2 x digital inputs (Safe-Torque OFF STO A and B)

1 x digital output (SPDT Form-C NO/NC rly. contact; 1A at 250Vac/30Vdc)

1 x digital output (open-collector; 26Vdc; below 100mA)

Analog inputs

1 x analog input (-10...+10Vdc / 0-10Vdc / 0-20mA)

Dimensions

W20.1" x H30.9" x D16.7"

Ambient air temperature for operation

-10...+50 °C

Rated apparent power (S)

170kVA

Application type

Applied to the industries such as elevator; construction lift; crane/hoist; parking equipment; auto warehouse; press; washer/dehydrator; compressor ; warping /beaming machine; laminating machine; drawing machine; tire line

Order code / Manufacturer SKU

6121005200

Manufacturer product status

Commercialized

Compliant with standard(s)

CE**cULus****DNV****ABS**

Benefits

Improved accuracy in speed and torque operation**Satisfied the safety standards and contacts with complete safety functions provided****Possible to handle various field networks; convenient maintenance of options board; and easier mounting****Reduced electromagnetic noise; and additional space and expenses for parts unnecessary****Minimized harmonics and power factor decline****Flexible application for load equipment used in various industrial sectors**[SHOW LESS](#)















[LSIS - iE5 iC5 M100 iG5A S100 H100 iS7 iP5A iV5 - Catalog.pdf](#)



























15 Mar 2020

English (US)

Accessories and Spare parts for this product

Motor & motion control

Picture	Compatible SKU	Add to Cart	Description
	64110038		Advanced display - LSIS
	76676236322		Cable for converting RS-232 to RJ45 - LSIS
	64110012		CANopen communication board - speed 1Mbps
	64110023		CC-LINK communication board - speed 10Mbps
	64110013		DeviceNet communication board - speed 125Mbps
	64110002		Encod. (PG) feedback - A; B Pulse; output 12V; 5000 pulses/rev
	64110022		Ethernet/IP and Modbus TCP communication

	64110004		Insulated extention I/O module - 3DI + 3 rly. ou
	64110003		Insulated standard I/O module - 8DI + 2 rly. ou
	64110055		LCD keypad mount - LSIS - NEMA 4X
	64110014		LONworks communication board - speed 78kl
	64110006		P.L.C. board - 6-inputs (Sink/Source) + 4-outpu
	64110005		Profibus DP communication board - speed 12l
	64110052		Profinet communication board - LSIS
	64110009		Remote cable extension - 2m length - LSIS
	64110010		Remote cable extension - 3m length - LSIS
	64110007		RNET communication board - speed 1Mbps - l
	DBLS-iS7		V.F.D. demo kit - LSIS - Order code 64110057
	64090112		V.F.D. firmware download and parameter dow
	64090124		Wire and connector package - LSIS

ABOUT US

COMPANY WEBSITE

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