

VFD Packaged Solution

SP100



General

Product code		6730002300
Product description		LSLV0055SP100-2CEND3
Enclosure Rating		UL Type1
Input Rating (3-Phase)	Supply Voltage [VAC]	240 VAC
	Rated Current [HD/Heavy Duty]	18.5 A
	Rated Current [ND/Normal Duty]	23.7 A
	Supply Frequency [Hz]	60 Hz
Input Rating (1-Phase)	Supply Voltage (VAC)	-
	Rated Current (HD)	-
	Rated Current (ND)	-
	Supply Frequency (Hz)	-
Output Rating (3-Phase Input)	Output Voltage (VAC)	240 VAC
	Motor Power HP (HD)	5 hp
	Motor Power HP (ND)	7.5 hp
	Motor Power kW (HD)	3.7 kW
	Motor Power kW (ND)	5.5 kW
	Output Current (HD)	17 A
	Output Current (ND)	22 A
	Rated Capacity (HD)	-
	Rated Capacity (ND)	8.4 kVA

	Output Frequency (Hz)	0~400 Hz
Output Rating (1-Phase Input)	Output Voltage [VAC]	-
	Motor Power HP [HD]	-
	Motor Power HP [ND]	-
	Output Current [HD]	-
	Output Current [ND]	-
	Rated Capacity [HD]	-
	Rated Capacity [ND]	-
	Output Frequency [Hz]	-

General

Short Circuit Rating		100kA (IEC 60439-1)
Overload Capacity	HD	-
	ND	120% for 1min
Control Method		V/F Control(IM/PM), Slip compensation, Bypass features
Input Terminals		6 Points
Output Terminals	Relay Output	2 Points
	Open Collector Output	1 Point
EMC Filter		-
DC Reactor		Built-in
Communication	Built-in	Modbus RTU, LS INV 485
	Option	RAPIDnet+, EtherNet/IP, Modbus TCP, BACNet/IP
Option Card		Extension I/O, Remote cable(2/3m), Flange, Conduit, Disconnect switch

Environment

Ambient Temperature	HD	-10~50°C (14~122°F)
	ND	-10~40°C (14~104°F)
Storage Temperature		-20~65°C (-4~149°F)
Humidity		Relative humidity of 95% RH or below (without dew formation)

Vibration	9.8m/sec ² (1.0G) or below
Altitude	1,000m above sea level (From 1,000m or more, voltage/ output current derating by 1% for every 100m elevation; up to 4,000m)
Certification	KC, CE, UL, cUL

Dimensions

Frame	A	
W x H x D	mm	168.9 x 927.4 x 226.7
	inch	6.65 x 36.61 x 8.93

Drawing

