

VFD Packaged Solution

SP100



General

Product code		6731006400
Product description		LSLV0550SP100-4CEND3
Enclosure Rating		UL Type1
Input Rating (3-Phase)	Supply Voltage [VAC]	480 VAC
	Rated Current [HD/Heavy Duty]	78.0 A
	Rated Current [ND/Normal Duty]	100.1 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)	480 VAC
	Motor Power HP (HD)	60 hp
	Motor Power HP (ND)	75 hp
	Motor Power kW (HD)	45 kW
	Motor Power kW (ND)	55 kW
	Output Current (HD)	81 A
	Output Current (ND)	107 A
	Rated Capacity (HD)	-
	Rated Capacity (ND)	82.0 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		D-2
W x H x D	mm	337.0 x 1460.0 x 343.7
	inch	13.21 x 57.48 x 13.53

Drawing

