

Fan & Pump Drive

H100+



General

Product code		67310043PL
Product description		LSLV1600H100-4COFD(PLUS)
Enclosure Rating		IP20, UL Type 1 (Optional)
Input Rating (3-Phase)	Supply Voltage [VAC]	380~480 VAC
	Rated Current [HD/Heavy Duty]	243.4 A
	Rated Current [ND/Normal Duty]	315.3 A
	Supply Frequency [Hz]	50~60 Hz
Input Rating (1-Phase)	Supply Voltage (VAC)	480 VAC
	Rated Current (HD)	-
	Rated Current (ND)	315.3 A
	Supply Frequency (Hz)	60 Hz
Output Rating (3-Phase Input)	Output Voltage (VAC)	380~480 VAC
	Motor Power HP (HD)	200 hp
	Motor Power HP (ND)	250 hp
	Motor Power kW (HD)	132 kW
	Motor Power kW (ND)	160 kW
	Output Current (HD)	255 A
	Output Current (ND)	325 A
	Rated Capacity (HD)	-
	Rated Capacity (ND)	248 kVA

	Output Frequency (Hz)	0~400 Hz
Output Rating (1-Phase Input)	Output Voltage [VAC]	-
	Motor Power HP [HD]	-
	Motor Power HP [ND]	100 hp
	Output Current [HD]	-
	Output Current [ND]	137 A
	Rated Capacity [HD]	-
	Rated Capacity [ND]	-
	Output Frequency [Hz]	-

General

Short Circuit Rating		100kA (IEC 60439-1)
Overload Capacity	HD	150% for 1min
	ND	110% for 1min
Control Method		V/F Control(IM/PM), Slip compensation
Input Terminals		7 Points
Output Terminals	Relay Output	5 Points
	Open Collector Output	1 Point
EMC Filter		Built-in
DC Reactor		Built-in
Communication	Built-in	Modbus RTU, LS INV 485, BACnet/MSTP, Lonworks, Me taSys N2
	Option	RAPiEnet+, EtherNet/IP, Modbus TCP, BACNet/IP
Option Card		Extension I/O, Remote cabel(2/3m), Flange, Conduit, Dis connect switch

Environment

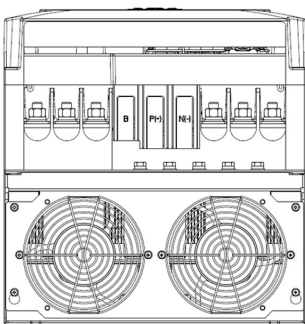
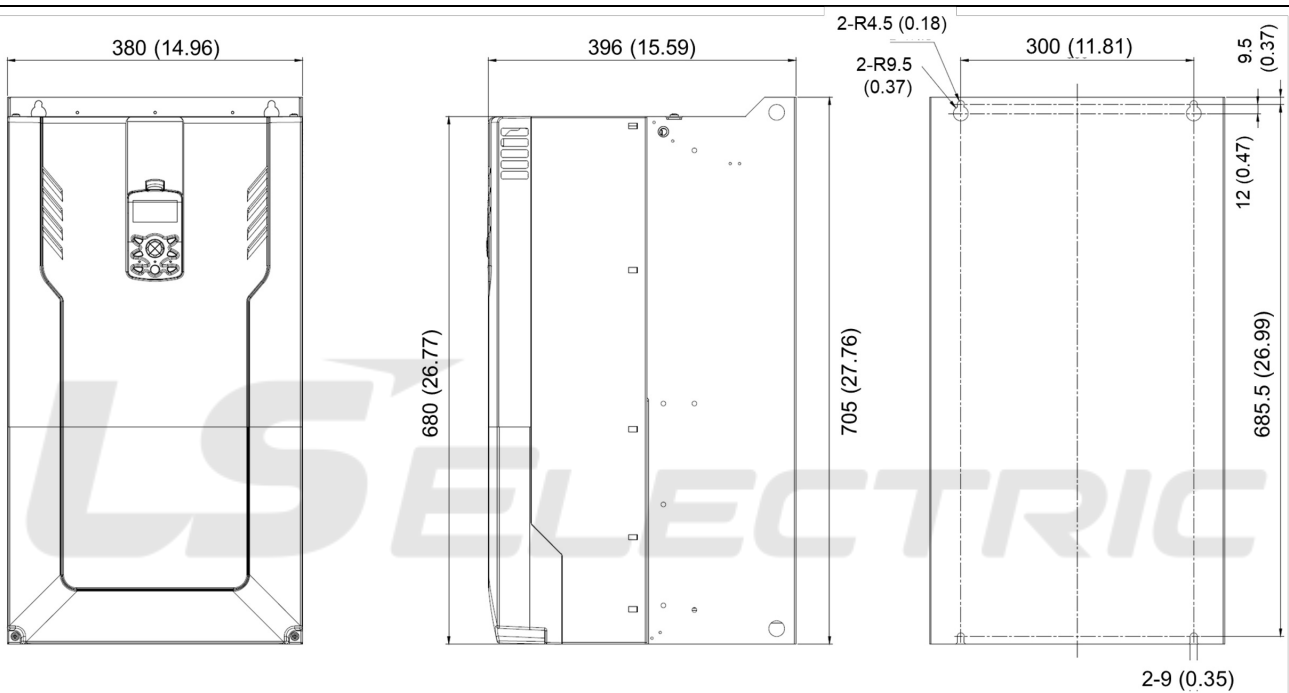
Ambient Temperature	HD	-10~50°C (14~122°F)
	ND	-10~40°C (14~104°F) (Up to +50 °C with derate)
Storage Temperature		-20~65°C (-4~149°F)
Humidity		Relative humidity of 95% RH or below (without dew formation)

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		H
W x H x D	mm	380 x 705 x 396
	inch	14.96 x 27.76 x 15.59

Drawing



Dimension: mm (inch)