Product Data Sheet Characteristics



General Drive

G100

General

Product code		6040000700
Product description		LSLV0055G100-2EONN
Enclosure Rating		IP20, UL Type 1 (Optional)
Input Rating (3-Phase)	Supply Voltage [VAC]	200~240 VAC
	Rated Current [HD/Heavy Duty]	25.8 A
	Rated Current [ND/Normal Duty]	32.7 A
	Supply Frequency [Hz]	50~60 Hz
Input Rating (1-Phase)	Supply Voltage (VAC)	240 VAC
	Rated Current (HD)	25.8 A
	Rated Current (ND)	32.7 A
	Supply Frequency (Hz)	50~60 Hz
Output Rating (3-Phase Input)	Output Voltage (VAC)	200~240 VAC
	Motor Power HP (HD)	7.5 hp
	Motor Power HP (ND)	10 hp
	Motor Power kW (HD)	5.5 kW
	Motor Power kW (ND)	7.5 kW
	Output Current (HD)	24.0 A
	Output Current (ND)	30.0 A
	Rated Capacity (HD)	9.1 kVA
	Rated Capacity (ND)	11.4 kVA

	Output Frequency (Hz)	0~400 Hz
Output Rating (1-Phase Input)	Output Voltage [VAC]	-
	Motor Power HP [HD]	3 hp
	Motor Power HP [ND]	5 hp
	Output Current [HD]	12.8 A
	Output Current [ND]	16.3 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	120% for 1min
Control Method		V/F control, Slip compensation, Sensorless vector
Input Terminals		5 Points
Output Terminals	Relay Output	2 Points
	Open Collector Output	-
EMC Filter		-
DC Reactor		-
Communication	Built-in	Modbus RTU, LS INV 485
	Option	RAPIEnet+, EtherNet/IP, Modbus TCP, Profibus-DP, CAN open
Option Card		Remote Cable, Remote Keypad, Conduit

Environment

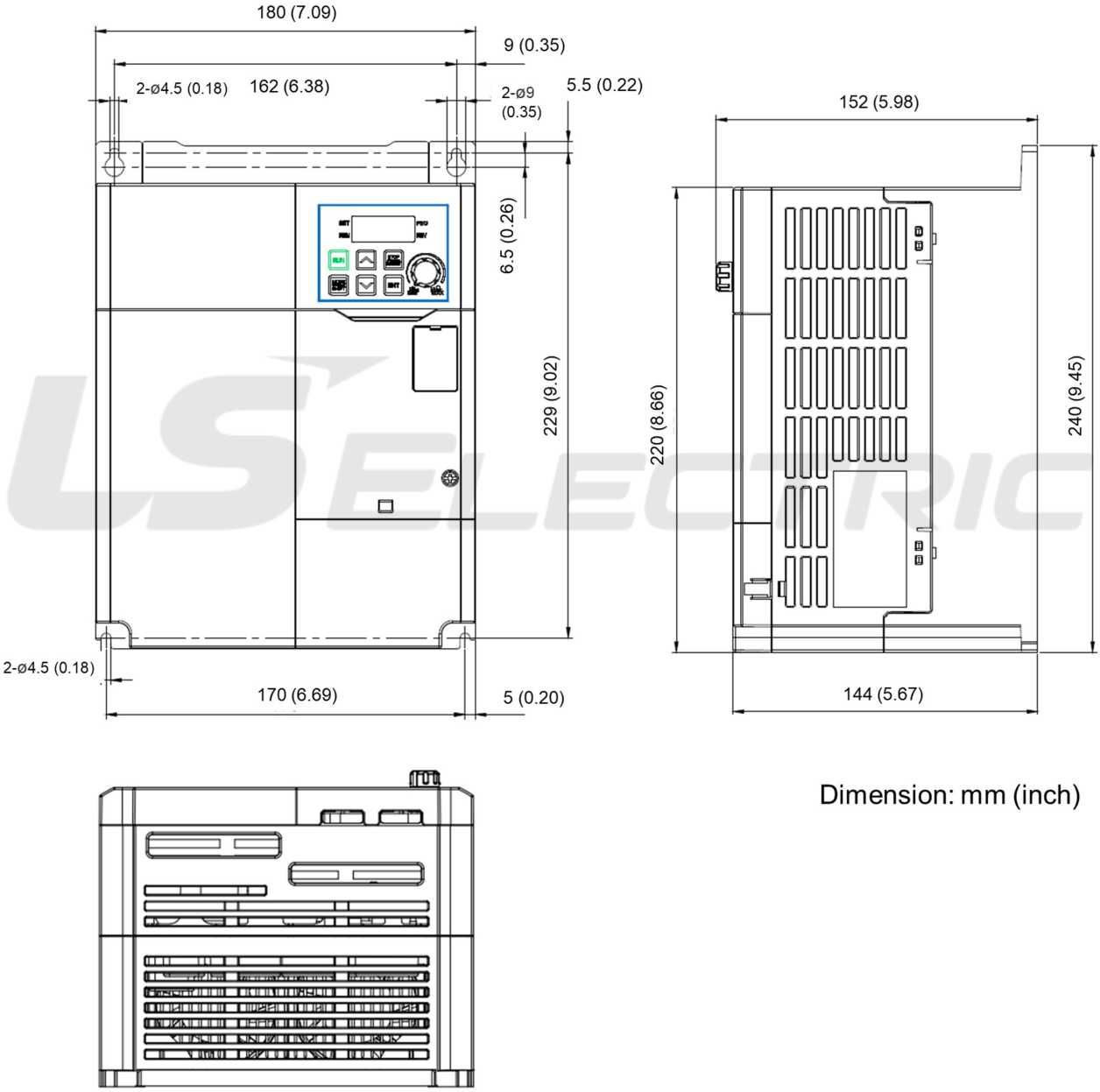
Ambient Temperature	HD	-10~50°C (14~122°F)
	ND	-10~40°C (14~104°F)
Storage Temperature		-20~65°C (-4~149°F)
Humidity		Relative humidity of 95% RH or below (without dew form ation)
Vibration		9.8m/sec² (1.0G) or below

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
W x H x D	mm	180 x 240 x 144
	inch	7.09 x 945 x 5.67

Drawing



Dimension: mm (inch)