

Standard Drive

S100



General

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|-------------------------------|--------------------------------|----------------------------|
| Product code | | 6033000100 |
| Product description | | LSLV0004S100-1EONNS |
| Enclosure Rating | | IP20, UL Type 1 (Optional) |
| Input Rating (3-Phase) | Supply Voltage [VAC] | - |
| | Rated Current [HD/Heavy Duty] | - |
| | Rated Current [ND/Normal Duty] | - |
| | Supply Frequency [Hz] | - |
| Input Rating (1-Phase) | Supply Voltage (VAC) | 200~240 VAC |
| | Rated Current (HD) | - |
| | Rated Current (ND) | - |
| | Supply Frequency (Hz) | 60 Hz |
| Output Rating (3-Phase Input) | Output Voltage (VAC) | 200~240 VAC |
| | Motor Power HP (HD) | 0.5 hp |
| | Motor Power HP (ND) | 1.0 hp |
| | Motor Power kW (HD) | 0.4 kW |
| | Motor Power kW (ND) | 0.75 kW |
| | Output Current (HD) | 2.5 A |
| | Output Current (ND) | 3.1 A |
| | Rated Capacity (HD) | 1.0 kVA |
| | Rated Capacity (ND) | 1.2 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 | 150% for 1min |
| | ND | 120% for 1min |
| Control Method | | V/F control, Slip compensation, Sensorless vector, PM sensorless |
| Input Terminals | | 5 Points |
| Output Terminals | Relay Output | 1 Point |
| | Open Collector Output | 1 Point |
| EMC Filter | | - |
| DC Reactor | | - |
| Communication | Built-in | Modbus RTU, LS INV 485 |
| | Option | PROFINet, Modbus TCP, EtherCAT, EtherNet/IP, Profibus -DP, CANopen |
| Option Card | | Extension I/O, Remote Cabel, Remote Keypad, Flange, C onduit |

Environment

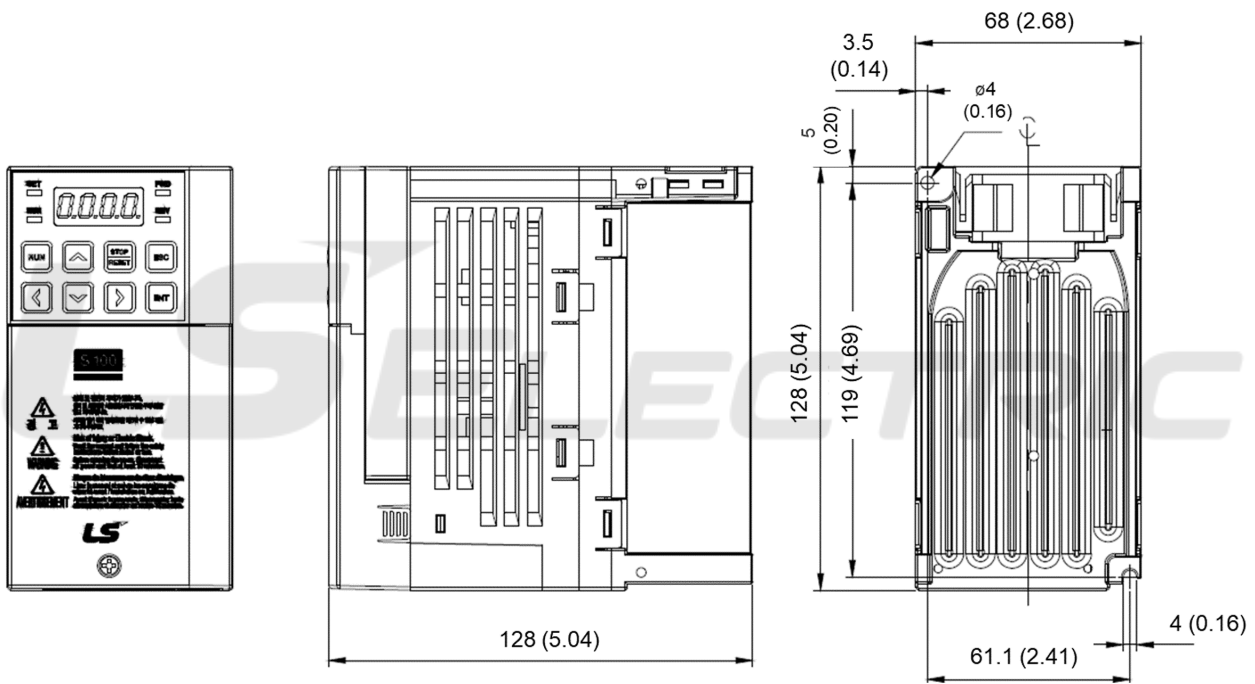
| | | |
|---------------------|----|---------------------|
| Ambient Temperature | HD | -10~50°C (14~122°F) |
| | ND | -10~40°C (14~104°F) |
| Storage Temperature | | -20~65°C (-4~149°F) |

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|---------------|--|
| 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, Safety |

Dimensions

| | | |
|-----------|------|--------------------|
| Frame | A-2 | |
| W x H x D | mm | 68 x 128 x 128 |
| | inch | 2.68 x 5.04 x 5.04 |

Drawing



Dimension: mm (inch)

