

Fan & Pump Drive

H100+



General

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|-------------------------------|--------------------------------|----------------------------|
| Product code | | 67320016PL |
| Product description | | LSLV0900H100-5COND(PLUS) |
| Enclosure Rating | | IP20, UL Type 1 (Optional) |
| Input Rating (3-Phase) | Supply Voltage [VAC] | 525~600 VAC |
| | Rated Current [HD/Heavy Duty] | 110 A |
| | Rated Current [ND/Normal Duty] | 123 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) | 0-575 V |
| | Motor Power HP (HD) | 100 hp |
| | Motor Power HP (ND) | 125 hp |
| | Motor Power kW (HD) | 75 kW |
| | Motor Power kW (ND) | 90 kW |
| | Output Current (HD) | 104 A |
| | Output Current (ND) | 128 A |
| | Rated Capacity (HD) | - |
| | Rated Capacity (ND) | 127.48 kVA |

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|-------------------------------|-----------------------|----------|
| | Output Frequency (Hz) | 0~120 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

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| 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 | | - |
| 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

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|---------------------|----|---|
| 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 form ation) |

| | |
|---------------|---|
| 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

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|-----------|------|-----------------------|
| Frame | F | |
| W x H x D | mm | 325 x 550 x 309 |
| | inch | 12.80 x 21.65 x 12.17 |

Drawing

