

## Fan & Pump Drive

### H100+



#### General

|                               |                                |                              |
|-------------------------------|--------------------------------|------------------------------|
| Product code                  |                                | 67360013PL                   |
| Product description           |                                | LSLV0300H100-2COFD(PLUS_NEW) |
| Enclosure Rating              |                                | IP20, UL Type 1 (Optional)   |
| Input Rating (3-Phase)        | Supply Voltage [VAC]           | 200~240 VAC                  |
|                               | Rated Current [HD/Heavy Duty]  | 74.4 A                       |
|                               | Rated Current [ND/Normal Duty] | 101.0 A                      |
|                               | Supply Frequency [Hz]          | 50~60 Hz                     |
| Input Rating (1-Phase)        | Supply Voltage (VAC)           | 240 VAC                      |
|                               | Rated Current (HD)             | -                            |
|                               | Rated Current (ND)             | 101.0 A                      |
|                               | Supply Frequency (Hz)          | 60 Hz                        |
| Output Rating (3-Phase Input) | Output Voltage (VAC)           | 200~240 VAC                  |
|                               | Motor Power HP (HD)            | 30 hp                        |
|                               | Motor Power HP (ND)            | 40 hp                        |
|                               | Motor Power kW (HD)            | 22 kW                        |
|                               | Motor Power kW (ND)            | 30 kW                        |
|                               | Output Current (HD)            | 81 A                         |
|                               | Output Current (ND)            | 110 A                        |
|                               | Rated Capacity (HD)            | -                            |
|                               | Rated Capacity (ND)            | 41.9 kVA                     |

|                               |                       |          |
|-------------------------------|-----------------------|----------|
|                               | Output Frequency (Hz) | 0~400 Hz |
| Output Rating (1-Phase Input) | Output Voltage [VAC]  | -        |
|                               | Motor Power HP [HD]   | -        |
|                               | Motor Power HP [ND]   | 20 hp    |
|                               | Output Current [HD]   | -        |
|                               | Output Current [ND]   | 58 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(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 <sup>2</sup> (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     | E    |                       |
| W x H x D | mm   | 325 x 510 x 284       |
|           | inch | 12.80 x 20.08 x 11.18 |

### Drawing

