

L7PB075U-AD Cut Sheet



LS Electric servo drive, 7.5 kW, 460 VAC, 3-phase, (2) RS-422/RS-485 (RJ45) port(s), Modbus RTU. For use with 7.5 kW systems.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/L7PB075U-AD>

Technical Specifications

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| Brand | LS Electric |
| Item | Servo drive |
| Voltage Type | AC |
| Amperage Rating | 16.1A |
| Power Rating | 7.5 kW |
| Nominal Input Voltage | 460 VAC |
| Number of Input Phases | 3 |
| Output Type | SVPWM output |
| Steps per Revolution | Up to 19-bit (524288 ppr) |
| Encoder Output | Yes |
| Encoder Resolution | 19-bit (524288 ppr) |
| Communication Port and Connection Type(s) | (2) RS-422/RS-485 (RJ45) |
| Port Protocol(s) | Modbus RTU Slave |
| Port Speed(s) | up to 57.6k baud |
| Temperature Rating | 0 to 50 deg C |
| Enclosure Type | Enclosed |
| IP Rating | IP20 |
| Mounting | Panel |
| Control Mode | Torque, velocity and position |
| Command Signal(s) | <ul style="list-style-type: none">• step and direction• CW/CCW• A/B Quad• internal indexing (via discrete input and communication port)• torque and velocity (via discrete and analog input) |
| Number of Discrete Input Points | 16 |
| Discrete Input Type | Sinking/sourcing |
| Number of Discrete Output Points | 8 |
| Discrete Output Type | Sinking/sourcing |
| Number of Analog Input Channels | 2 |
| Analog Input Signal Type | Voltage |

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|---|---|
| Input Voltage Signal Range | +/- 10 VDC |
| Number of Analog Output Channels | 2 |
| Analog Output Signal Type | Voltage |
| Output Voltage Signal Range | +/- 10 VDC |
| Tuning Mode | On-line auto/off-line auto/manual |
| Protection Type(s) | <ul style="list-style-type: none">• overcurrent• overvoltage• undervoltage• over-temperature• overload• overspeed• encoder error• position error• current sensing error |
| Configuration | Software and keypad |
| For Use With | 7.5 kW systems |

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Agency Approvals

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| UL Listed File # | E479434 |
| UL Recognized File # | None |
| UL Hazardous File # | None |
| CE | View CE declarations |
| CSA File # | None |
| RoHS Status | Yes (See CE Doc) |
| EU REACH | View EU REACH document |