L7PB035U-AD Cut Sheet

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LS Electric servo drive, 3.5 kW, 460 VAC, 3-phase, (2) RS-422/ RS-485 (RJ45) port(s), Modbus RTU. For use with 3.5 kW systems.

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

https://www.automationdirect.com/pn/L7PB035U-AD

Technical Specifications

Brand	LS Electric
Item	Servo drive
Voltage Type	AC
Amperage Rating	9.1A
Power Rating	3.5 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)	• 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
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)	• overcurrent • overvoltage • undervoltage • over-temperature • overload • overspeed • encoder error • position error • current sensing error
Configuration	Software and keypad
For Use With	3.5 kW systems

Agency Approvals

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

Dimensional Drawings

2D Drawing PDF Link:
https://cdn.automationdirect.com
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