

L300P Series

Enhanced Energy-Saving Function for General Applications



Feature

Wide Range of Application Specific Functions for Optimal Operation

- Automatic Energy-saving Function.
- Enhanced Input/output Terminals.
- Analog Output Monitor.
- Intelligent Input/output Terminal System.
- Easy-to-use Operator Panel.

Ease of Maintenance

- Easy-removable Cooling Fan and DC Bus Capacitor.
- Removable Control Circuit Terminals.

Compact Design

- Installation area is reduced by approximately 30% from that of our previous model [Comparison of 11kW(15HP)].

User-friendly Operation

- Ease of Operation with Digital Operator.
- User Selection of Command Functions ("Quick Menu").
- Built-in RS-485.
- Optional PC Drive Configuration Software.

Environmental Friendliness

- EMI Filters (Optional).
- Reduced Noise from Control Power Supply.

Protection for Various Installation Environments

- Standard Enclosure: IP20 (NEMA1*), IP00 (75kW and above).
- IP54 (NEMA12), please contact Hitachi sales office.

Global Performance

- CE, UL, c-UL, C-Tick approvals (EMC filters are available as an option).



- Compatibility with networks such as DeviceNet™, PROFIBUS®, LONWORKS®, Modbus® RTU*2, and Ethernet™*3, with communication options.

Note 1 : Up to 30kW.

An optional conduit box is required for 37kW to 55kW and 200V 75kW to meet NEMA1.

Note 2, 3 : Being planned.

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Applicable motor rating in kW (HP)

1.5 (2)	2.2 (3)	3.7 (5)	4.0 (5)	5.5 (7.5)	7.5 (10)	11 (15)	15 (20)	18.5 (25)	22 (30)	30 (40)	37 (50)	45 (60)	55 (75)	75 (100)	90 (125)	110 (150)	132 (175)
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3-phase 200V	LFU2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3-phase 400V	HFE2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	HFU2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

● : Available

● DeviceNet is a trademark of Open DeviceNet Vendor Association.
 ● PROFIBUS is a registered trademark of Profibus Nutzer Organization.
 ● LONWORKS is a registered trademark of Echelon Corporation.

● Modbus is a registered trademark of Modicon Inc. (Schneider Automation International).
 ● Ethernet is a trademark of Xerox Corporation.