Orientalmotor

For sales and support, email info@msitec.com or call 866-397-7388.

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Item # AZD-KD, AZ Series Driver with Built-in Controller (Stored Data) (24/48 VDC)

AlphaStep

AlphaStep AZ Series Closed Loop Driver with Built-in Controller (Stored Data). The built-in controller (stored data) allows for easy networking and simplified multi-axis control.
- Controller connection options: 1: I/O, 2: Modbus (RTU/RS-485) or

3: FA Network (network converter)

FLEX

CE

Specifications | **Controller Specifications** | **Dimensions** | **System**

Specifications —

Lead Time[1]	Contact your local sales office for product lead-times, available to ship dates and shipping methods.
Product Line	Oriental Motor®
Driver Type	Closed Loop, Absolute, Built-in Controller (Stored Data)
Power Supply	24/48 VDC
RoHS Compliant	These products do not contain substances that exceed the regulation values in the RoHS Directive.
Safety Standards	CE

Controller Specifications —

Network Input	16 Points
Network Output	16 Points

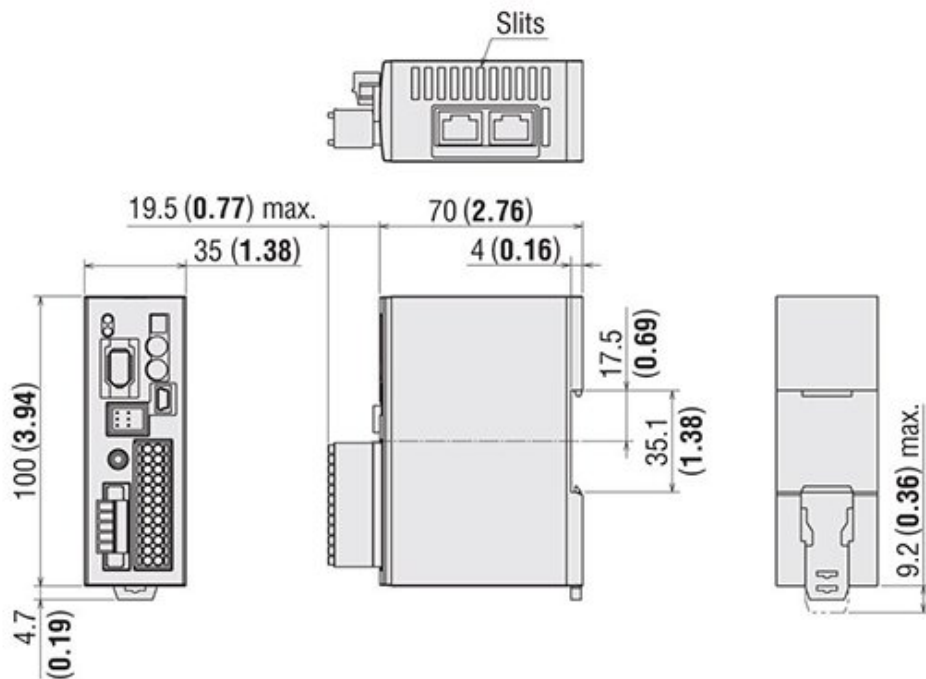| Protocol	Modbus RTU Mode
Electrical Characteristics	EIA-485 Baed, Straight Cable Use twisted-pair cables (TIA/EIA-568B CAT5e or greater recommended) the maximum total extension length is 50 m.
Transmission/Reception Mode	Half-duplex communication and Start-stop synchronization (data: 8 bits, stop bit: 1 bit or 2 bits, parity: none, even, or odd)
Baud Rate	Select from 9600 bps, 19200 bps, 38400 bps, 57600 bps, 115200 bps, or 230400 bps
Connection Type	Up to 31 units can be connected to a single programmable controller (master unit).

Dimensions

Drivers

Driver: AZD-KD, AZD-KX
Mass: 0.15 kg (0.33 lb.)
2D CAD B1094 3D CAD

Slits

19.5 (0.77) max.
35 (1.38)
70 (2.76)
4 (0.16)
100 (3.94)
4.7 (0.19)
17.5 (0.69)
35.1 (1.38)
9.2 (0.36) max.

● Includes
① Power Input/Electromagnetic Brake Tern
Connector: MC1.5/5-STF-3.5
(Phoenix Contact)
② Control I/O Connector (CN4)
Connector: DFMC1.5/12-ST-3.5
(Phoenix Contact)

System Configuration

● Built-in Controller Type, Standard Type with Electromagnetic Brake
An example of a configuration using I/O control or RS-485 communication is shown below.

✳ Not supplied