Specifications

- Operation mode: ON/OFF, position proportioning or positionless vector (with integral 130G)
- Input signal: Relay contact, 4-20mA, 0-10V
- Auxiliary switch (optional): 10 in 16
- Auxiliary switch contact rating: 6A, 250VAC, 50/60Hz (resistive load)

Motor (relay contact, standard model)
- Power rating voltage: 24VDC/150VDC/200Vac/85-85Vac, 50/60Hz
- Power consumption (during operation): 7W (relay contact, potentiometric: 50mA type), 11W (relay contact, 4-20mA type), 15W (positionless vector, 3-20mA type), 16W (high-speed motor type)

Model Selection Guide

- EC02028200-01: Relay contact
- EC02028200-02: Relay contact
- EC02028200-03: Relay contact
- EC02028200-04: Relay contact
- EC02028200-05: Relay contact
- EC02028200-06: Relay contact
- EC02028200-07: Relay contact
- EC02028200-08: Relay contact
- EC02028200-09: Relay contact
- EC02028200-10: Relay contact

Dimensions

- Specification: 90x60x56mm
- Weight: 800g

Optional parts

- Part No.: 32-7328: Cover arm
- 32-7329: Motor arm
- 32-7330: Motor arm
- 32-7331: Motor arm
- 32-7332: Motor arm
- 32-7333: Motor arm
- 32-7334: Motor arm

Azbil Corporation
Advanced Automation Company
Sakura Sakado, Sakado, Saitama

Versatile Functionality for a Wide Variety of Industrial Applications

Contact Us for More Information

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http://www.azbil.com/products/biorder.html
**Powerful, Superior Control**

**ECM3000**

**Electric Control Motor**

**Advantages**

- **Wide variety of models**
  The ECM3000 Series provides a wide variety of models for different input signals, power supply voltages, angular strokes, and many other application needs.

- **Easy replacement of Azbil Corporation’s previous models**
  Using the provided bracket, replacement of Azbil Corporation’s previous motors with the ECM3000 is easy.

- **Long-life design**
  Long-life parts are adopted for various internal components of the motor. This ensures long service and dependability.

- **Rugged design is superior for tough environments**
  The protective structure of the ECM3000 is IP54 or equivalent. It can endure difficult environmental conditions, even splashing water.

- **Models that run on 100Vac, 200Vac and variable voltage are available**
  The ECM3000 supports 100Vac and 200Vac power supply voltages. A variable voltage model is also available for the 4–20mA type.

**Selection Guide**

**Appearance**

- **Model No.**
  - ECM3000D
  - ECM3000E
  - ECM3000F
  - ECM3000G

- **Input signal**
  - Relay contact
  - Potentiometer
  - Relay contact
  - 4 to 20mA

- **Operation mode**
  - ON-OFF
  - Position proportioning
  - Position proportioning
  - Position proportioning

- **Power supply**
  - 24Vac
  - 100Vac
  - 200Vac
  - 85 to 264Vac

- **Output torque**
  - 12.5N-m
  - 12.5N-m
  - 12.5N-m
  - 12.5N-m

- **Angular stroke**
  - 90°
  - 160°
  - 90°
  - 160°

- **Stroke timing**
  - (50/60Hz)
    - 39a/33a
    - 39a/33a
    - 39a/33a
    - 39a/33a

- **Auxiliary switches**
  - (4)

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*See the model selection guide table on the next page.

**Note:**
- The range of the angular stroke motor type is 90°.
- Auxiliary switches are optional.
- For the 85 to 264Vac power supply type.
- On models with the open-close override function, there are 2 auxiliary switches.