

CM2 type Electric Actuator Specifications

FEATURE

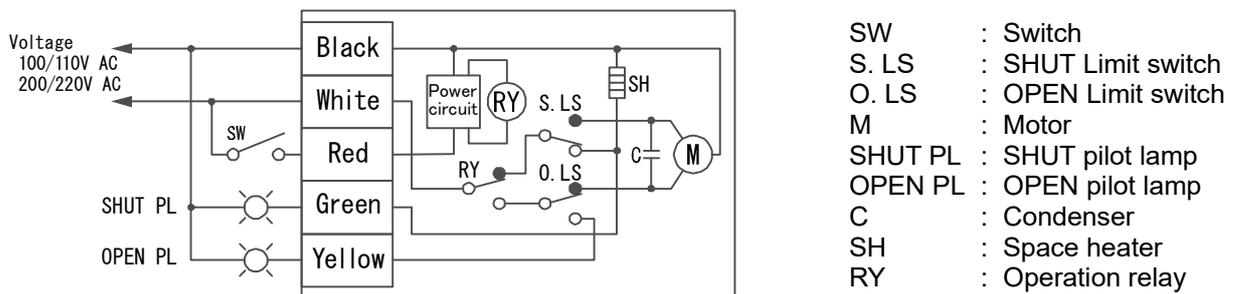
A lightweight and economical electric actuator for AC power supply.

SPECIFICATION

| | | |
|--------------------------------|------------------------------------------------------------------------------------|---------------------------------------|
| Actuator type (□:Voltage code) | CM2-030-□ | CM2-070-□ |
| Voltage | 100 / 110 V AC ±10 % 50/60 Hz (Code: 1) 200 / 220 V AC ±10 % 50/60 Hz (Code: 2) | |
| Rated torque [N·m] | 3 | 7 |
| Operation time [s] | 14.5 / 12 (50/60 Hz) | |
| Power consumption [VA] | 7 | 13 |
| Motor | Synchronous motor | |
| Overload protection | Impedance protect | |
| Method of operation | a-contact input type, with built-in relay | |
| Operation | SW is OFF → SHUT (SHUT PL is lit.) SW is ON → OPEN (OPEN PL is lit.) | |
| Input signal current | 16 mA | |
| Output signal rating | Resistance load 0.5 A 120 V AC / 0.2 A 250 V AC | |
| | Micro load 2 mA | Micro load 8 mA |
| Duty cycle | 50 % 30 min | |
| Ambient temperature | -20 to 50 °C | |
| Space heater | 0.3 W | |
| Manual operation | Direct operation | Direct operation (with clutch button) |
| Enclosure | Equivalent to IP65 (IEC 60529) | |
| Housing material | Polycarbonate resin (Brack) | |
| Conduct port | Flexible cable 5 leads 0.5 mm ² L=500 mm | |

3 way valve: SHUT / Position①, OPEN / Position②.

WIRING



Flexible cable of the actuator has 5 lead wires colored in Black, White, Red, Green, and Yellow. Check that power supply voltage is correct and connect wires as shown in the wiring diagram.

- Note)
- Two or more actuators can be operated with one control switch.
 - When using control switch with current leakage (more than 1 mA) such as TRIAC or relay with CR, it can cause malfunction.
 - For manual operation on CM2-070, press the clutch button while operating it.