

CM1 type Electric Actuator Specifications

FEATURE

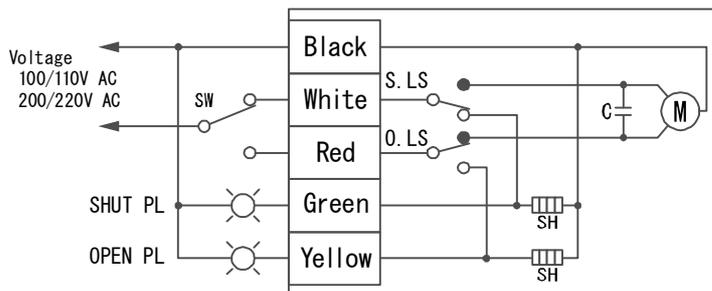
A lightweight and economical electric actuator for AC power supply.

SPECIFICATION

Actuator type (□:Voltage code)	CM1-030-□	CM1-070-□
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)	17 / 14 (50/60 Hz)
Power consumption [VA]	5	13
Motor	Synchronous motor	
Overload protection	Impedance protect	
Method of operation	Transfer input type	
Operation	Power to White → SHUT (SHUT PL is lit.) Power to Red → OPEN (OPEN PL is lit.)	
Output signal rating	Resistance load 1 A 250 V AC	
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



- SW : Switch
- S. LS : SHUT Limit switch
- O. LS : OPEN Limit switch
- M : Motor
- SHUT PL : SHUT pilot lamp
- OPEN PL : OPEN pilot lamp
- C : Condenser
- SH : Space heater

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) • Control switch should be prepared one by one for actuator. Do not operate two or more actuator from one switch. It might malfunction.
• For manual operation on CM1-070, press the clutch button while operating it.