

CA1 type Electric Actuator Specifications

FEATURE

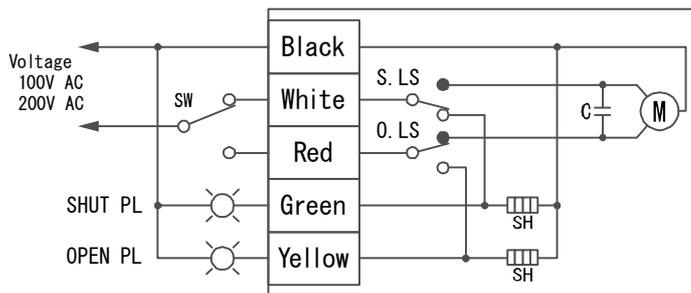
A lightweight and economical electric actuator for AC power supply.

SPECIFICATION

Actuator type (□:Voltage code)	CA1-015-□
Voltage	100 V AC ±10 % 50/60 Hz (Code: 1) 200 V AC ±10 % 50/60 Hz (Code: 2)
Rated torque [N·m]	1.5
Operation time [s]	4.6 / 3.8 (50/60 Hz)
Power consumption [VA]	4
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	100 %
Ambient temperature	-10 to 50 °C
Space heater	0.3 W
Manual operation	Direct operation
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.