

ACR type Electric Actuator Specifications

FEATURE

Ultra-high capacity electric double layer capacitor and compact, lightweight and economy.
 In case of power failure, electric discharge from built-in capacitor lets valve operate.
 Capable of high-frequency operation (over 200,000 times), and maintenance-free.

SPECIFICATION

Actuator type	ACR-030-2
Voltage	100 to 220 V AC \pm 10 % 50/60 Hz
Rated torque [N·m]	3
Operation time [s]	When power supply on → less than 12 When power supply shut off → less than 6
Power consumption (Max) [VA]	30
Motor	DC motor
Overload protection	Thermistor
Method of operation	Operation by power ON / OFF
Operation	Power OFF : SHUT \leftrightarrow Power ON : OPEN (Standard) Power ON : SHUT \leftrightarrow Power OFF : OPEN (Option: 45)
Built-in power supply	Electric double layer capacitor
Duty cycle	20 % 15 min.
Ambient temperature	-20 to 50 °C
Manual operation	Direct operation of output shaft
Enclosure	Equivalent to IP65 (IEC 60529)
Housing material	Aluminum alloy die cast + Polycarbonate resin cover
Terminal block	For bare wire 0.14 to 1.5 mm ² (AWG 26 to 16) Ground terminal: M3
Conduct port	G3/8 Cable gland (for Φ 5 to 10.5 mm cable)

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

WIRING

