

AH1 type Electric Actuator Specifications

FEATURE

The powerful and small electric control actuator.

SPECIFICATION

Actuator type (□:Voltage code)	AH1-030-□	AH1-070-□	AH1-180-□
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	18
Operation time [s]	3 / 2.5 (50/60 Hz)		6 / 5 (50/60 Hz)
Power consumption [VA]	19	50	
Motor	Synchronous motor	Reversible motor	
Overload protection	Thermal protector		
Method of operation	Transfer input type		
Operation	Power to S → SHUT (SHUT PL is lit.) Power to O → OPEN (OPEN PL is lit.)		
Output signal rating	Resistance load 3 A 250 V AC (Minimum 0.1 A)		
Duty cycle	20 % 15 min.		
Ambient temperature	-20 to 55 °C		
Space heater	0.5 W	1 W	
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 14) Ground terminal: M4		
Conduct port	G3/8 Cable gland (for Φ5 to 10.5 mm cable)		

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

WIRING

