

DM2 type Electric Actuator Specifications

FEATURE

A lightweight and economical electric actuator for DC power supply.
High-speed motion is realized by powerful DC motor use.

SPECIFICATION

Actuator type	DM2-030-0	DM2-070-0	DM2-180-0
Voltage	24 V DC		
Rated torque [N·m]	3	7	18
Operation time [s]	2 to 3.5	2 to 3	4 to 6
Power consumption (Max) [VA]	10	24	
Motor	DC motor		
Overload protection	Thermistor		
Method of operation	a-contactinput 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	16.2 mA (O-terminal)		
Output signal rating	Resistance load : Less than 1 A 24 V DC		
Duty cycle	20 % 15 min.		
Ambient temperature	-20 to 55 °C		
Space heater	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 16)		
Conduct port	G3/8 Cable gland (for Φ5 to 10.5 mm cable)		

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

WIRING

