



MAIN FEATURE

1. Smaller size with 2×6A of rated carrying current and double make contact.
2. Applicable for automotive electrical systems.
3. Resistance to environment with shock and vibration.
4. Plastic sealed type available.
5. Comply with RoHS, REACH and ELV regulations.

CONTACT RATING

Load Type	JMW-1P (DM/LM)
Rated Load (Resistive)	2x6A 14VDC
Rated Carrying Current	2×6A
Max. Allowable Voltage	60VDC
Max. Allowable Current	12A
Max. Allowable Power Force	150W
Contact Material	Ag Alloy
Contact Form	SPST

APPLICATION

Power Window Control, Auto Door Lock Control,
Power Mirror Control, Seat Adjustment, Wiper Control

PERFORMANCE (AT INITIAL VALUE)

- Contact Resistance 100 mΩ Max. @1A,6VDC
- Operate Time 10 mSec. Max.
- Release Time 10 mSec. Max.
- Dielectric Strength:
 - Between Coil & Contact 500VAC at 50/60 Hz
for one minute
 - Between Contacts 500VAC at 50/60 Hz
for one minute
- Surge Strength 1,500V (between coil
& contact 1.2x50μSec.)
- Insulation Resistance 100 MegaΩ Min. at
500VDC
- Max. On/Off Switching:
 - Electrical 6 Cycles per Minute.
(at 1s ON, 9s OFF)
 - Mechanical 300 Cycles per Minute.
- Temperature Range -40~+85°C
- Humidity Range 45~85% RH.
- Coil Temperature Rise 70°C Max.

- Vibration:
 - Destruction 10 to 55 to 10 Hz,0.75 mm single
amplitude (1.5mm double amplitude)
 - Malfunction 10 to 55 to 10 Hz,0.75 mm single
amplitude (1.5mm double amplitude)
- Shock:
 - Destruction 1,000 m/S²
 - Malfunction 100 m/S²
- Life Expectancy:
 - Mechanical 10⁷ Operations at No
Load condition
 - Electrical 10⁵ Operations at Rated
Resistive Load
- Weight About 5.2g for 1P

SAFETY STANDARD & FILE NUMBER

- NIL

COIL SPECIFICATION (AT 20°C)

Coil Sensitivity	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance ($\Omega \pm 10\%$)	Power Consumption (W)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Maximum Allowable Voltage (VDC)
JMW-DM	6	133	45	Abt. 0.8	60% Maximum	5% Minimum	150% (for short time carrying current)
	9	90	100				
	10	74	135				
	12	66.7	180				
JMW-LM	6	100	60	Abt. 0.6	60% Maximum	5% Minimum	150% (for short time carrying current)
	9	66.7	135				
	10	55.6	180				
	12	50	240				

ORDERING INFORMATION

JMW - SS - 1 12 D M

Contact Form: M: One Form A
Coil Sensitivity: D: Standard DC
 L: High DC
Coil Voltage: 06: 6V, 09: 9V, 10: 10V, 12: 12V, 24: 24V
Number of Set: 1: One Set
Type of Sealing: SS: RT II Flux Proofed
 SH: RT III Wash Tight
Type: JMW

CLASSIFICATION

Model	JMW	
Coil Sensitivity	Standard DC	High DC
Number of Pole	1 Set	1 Set
Flux Proofed	JMW-SS-1□□DM	JMW-SS-1□□LM
Wash Tight	JMW-SH-1□□DM	JMW-SH-1□□LM

DIMENSION ($\leq 5\text{mm} \pm 0.2\text{mm}$, $> 5\text{mm} \pm 0.3\text{mm}$, the tolerance of PCB thru hole: $+0.1\text{mm}$)

JMW-SS/SH-1

