



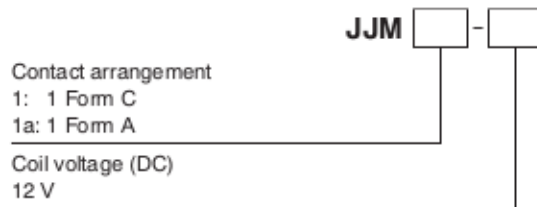
### FEATURES

- **Compact size**
- **Perfect for automobile electrical systems**  
Over  $2 \times 10^5$  openings possible with a 14 V DC motor load, an inrush current of 25 A, and steady state current of 5 A. (N.O. side)
- **Standard terminal pitch employed**  
The terminal array used is identical to that used in small automotive relays.
- **Plastic sealed type.**  
Plastically sealed for automatic cleaning.
- **Line-up of 1 Form A and 1 Form C**

### TYPICAL APPLICATIONS

- Power windows
- Auto door lock
- Electrically powered sun roof
- Electrically powered mirror
- Cornering lamp, etc.

### ORDERING INFORMATION



### TYPES

Contact arrangement	Coil voltage	Part No.
1 Form A	12 V DC	JJM1a-12V
1 Form C	12 V DC	JJM1-12V

Standard packing; Carton (tube): 50 pcs.; Case: 1,000 pcs.

### RATING

#### 1. Coil data

Nominal coil voltage	Pick-up voltage (at 20°C 68°F)	Drop-out voltage (at 20°C 68°F)	Nominal operating current [±10%] (at 20°C 68°F)	Coil resistance [±10%] (at 20°C 68°F)	Nominal operating power (at 20°C 68°F)	Usable voltage range
12V DC	Max. 7.2 V DC (Initial)	Min. 1.0 V DC (Initial)	53.3 mA	225Ω	640 mW	10 to 16V DC

Note: Other pick-up voltage types are also available. Please contact us for details.