

Main Feature

1. 25Amp motor lock load.
2. Small size with high rating.
3. Single or dual version available.
4. Standard type contact form SPDT and SPST are available for customers' selection
5. High performance PCB Relay.

Contact Rating

Load Type	GIN (DM)	GIN (D)
Rated Load (Resistive)	25A 16VDC	25A 16VDC
Rated Carrying Current	25A	25A
Max. Allowable Voltage	DC 16V	DC 16V
Max. Allowable Current	25A	25A
Min. Switching Load	1A 6VDC	1A 6VDC
Contact Material	Ag Alloy	Ag Alloy
Contact Form	SPST / DPST	SPDT / DPDT

Application

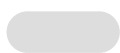
Power Windows, Seat adjustment, Power Doors, Sunroof, Wiper Control.

Performance (at Initial Value)

- Contact Resistance 100 mΩ Max. @1A,6VDC
- Operate Time 10mSec. Max.
- Release Time 10mSec. Max.
- Dielectric Strength:
 - Between Coil & Contact 500VAC at 50/60 Hz for one minute.
 - Between Contacts 500VAC at 50/60 Hz for one minute.
- Insulation Resistance 100MΩ Min. at 500VDC.
- Max. On/Off Switching:
 - Electrical 6 Cycles per Minute.
 - Mechanical 300 Cycles per Minute.
- Temperature Range -40~105 °C.
- Humidity Range 45~80% RH.
- Coil Temperature Rise 50 °C Max.
- Vibration:
 - Endurance 10 to 55 Hz dual amplitude width 1.5 mm
 - Error Operation 10 to 55 Hz dual amplitude width 1.5mm.
- Shock:
 - Endurance 1,000 m/S².
 - Error Operation 100 m/S².
- Life Expectancy:
 - Electrical 10⁵ Operations at Rated Resistive Load.
 - Mechanical 10⁶ Operations at No load condition.
- Weight About 4 g.

Safety Standard & Its File Number

- NIL



Coil Specification (at 20 °C)

Coil Sensitivity	Nominal Voltage(VDC)	Nominal Current (mA)	Coil Resistance (W±10%)	Power Consumption (W±10%)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Maximum Allowable Voltage (VDC)
GIN	9	70.8	127	Abt. 0.64	60%	5%	130%
	12	53.3	225				
	24	26.7	900				
	48	16.7	2880	Abt. 0.8			

Ordering Information

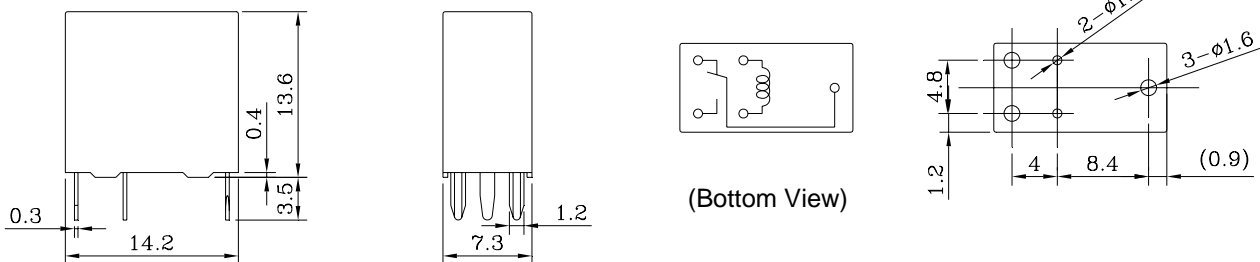
GIN	-SS-	1	12	D	M				
						Contact Form:		NIL : Form C	
								M : Form A	
						Coil Type:		D Standard DC Coil	
						Coil Voltage:		09: 9V, 12: 12V , 24: 24V, 48: 48V	
						Number of Pole:		1 : Single Relay	
								2 : Dual Relay	
								SS : RT II Flux Proofed Relays	
								SH : RT III Wash Tight Relays	
						TYPE:		GIN	

Classification

Model	GIN			
Single or Dual Relay	Single Relay		Dual Relay	
Contact Form	1C	1A	2C	2A
Flux Proofed Relays	GIN-SS-1□□D	GIN-SS-1□□DM	GIN-SS-2□□D	GIN-SS-2□□DM
Wash Tight Relays	GIN-SH-1□□D	GIN-SH-1□□DM	GIN-SH-2□□D	GIN-SH-2□□DM

Dimension (≤ 5mm ± 0.2mm, > 5mm ± 0.3mm, the tolerance of PCB thru hole: +0.1mm)

Single Type



Dual Type

