Main Feature

1. One Form A (SPST) Contact Form.
2. 1 Pole power relay for using on P.C.B suitable for air conditioner.
3. Employment of suitable plastic materials to be applied to high temperature and various chemical solutions.
4. GI-I,GI-U & GI-H are available for applicable option.

Application :

Domestic and Industrial Appliances. General Control use. Etc.

Contact Rating :

- Nominal Load (Resistive Load Cos ϕ = 1)
  Contact Capacity .....20A at 250VAC. (GI-I)
  20A at 250VAC. (GI-U)
  23A at 277VAC. (GI-H)
  2HP at 240VAC
  2HP at 265VAC.
  Rated Carrying Current.....23A.
  Max. Allowable Current .....23A.
  Max. Allowable Voltage .....AC 277V.
  Max. Allowable Power Force.6,370 VA.
  Min. Switching Load.....DC 10V, 10mA.
- Contact Material .....Ag Alloy.
- Contact Form.....SPST.

Performance (at Initial Value)

- Contact Resistance.....100 mΩ Max1A,6VDC
- Operate Time.....20 mSec. Max.
- Release Time .....10 mSec. Max.
- Dielectric Strength :
  Between Coil & Contact.....2,000VAC at 50/60 Hz for one minute. (GI-I)
  2,000VAC at 50/60 Hz for one minute. (GI-U) With insulator inside.
  4,000VAC at 50/60 Hz for one minute. (GI-H) With insulator inside.
  Between Contacts .....1,000VAC at 50/60 Hz for one minute.
- Surge Resistance .....10,000V (between Coil & Contact 1.2x50μSec.)
- Insulation Resistance .....100 MegaΩ Min. at 500VDC
- Max. On/Off Switching :
  Electrical.....30 Ops per Minute.
  Mechanical.....300 Ops per Minute.
- Temperature Range.....-20 60°C
- Humidity Range .....45 90% RH.
- Coil Temperature Rise.....55°C Max.
- Vibration :
  Endurance .....10 to 55 Hz dual amplitude width 1.5mm.
  Error Operation .....10 to 55 Hz dual amplitude width 1.5mm.
- Shock :
  Endurance .....1,000 m/S^2 Min.
  Error Operation .....100 m/S^2 Min.
- Life Expectancy :
  Mechanical .....10^7 Operations at No Load condition.
  Electrical .....10^5 Operations at Rated Resistive Load.
- Weight .....About 55.0 g.

Safety Standard & Its File Number :

- In Process

Coil Specification (at 20°C)

Coil Sensitivity	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance (Ω ± 10%)	Power Consumption (W)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Maximum Allowable Voltage (VDC)
GI	6	150	40	Abt. 0.9	70% Maximum	10% Minimum	110%
	12	75	160				
	24	37.5	640				
	48	18.8	2,560				

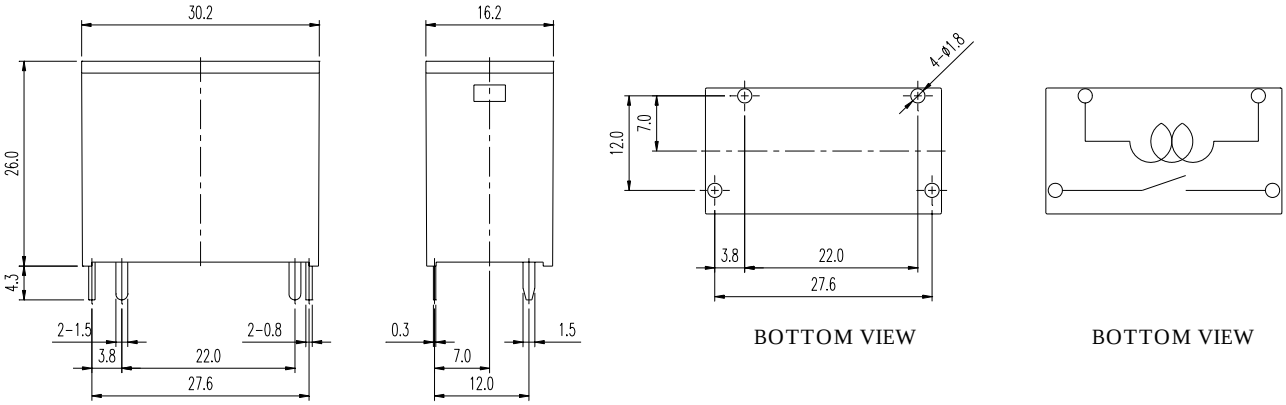
Ordering Information:

GI - S - 1 12 D M F H

Type of Sealing	Number of Pole	Coil Voltage	Coil Type	Contact Form	Terminal Type	Contact Rating
S- Hand Solderd Type	1- One Pole	6V, 12V, 24V, 48V	D- DC Coil	M- One Form A	F- With Plug In Terminal P- With PC Board Terminal	I- 20A/250VAC U- 20A/250VAC (With insulator inside) H- 23A/277VAC (With insulator inside)

Dimension:

GI-S-P



GI-S-F