



Main Feature

1. High sensitivity type for low coil consumption is available.
2. 2 Poles 8A general-purpose relay,
3. Contact Gap of 1.5mm is designed.
4. The selection of plastic insulation material is designed for high temperature and provides better chemical solution performance.

Application

Home Appliance , heating controllers. Etc

Contact Rating

- Nominal Load (Resistive Load $\cos \varphi = 1$)
Contact Capacity8A at 250VAC
8A at 30VDC.
TV-5 at 125VAC.
Rated Carrying Current8A.
Max. Allowable Current8A.
Max. Allowable VoltageAC 250V, DC 110V.
Max. Allowable Power Force.2,000 VA, 240W.
Min. Switching LoadDC 10V, 10mA.
- Contact Gap..... ≥ 1.5 m m.
- Contact MaterialAg Alloy.
- Contact Form.....DPST.

Performance (at Initial Value)

- Contact Resistance100m Ω Max. @1A,6VDC
- Operate Time20 mSec. Max.
- Release Time15 mSec. Max.
- Dielectric Strength :
Between Coil & Contact5,000VAC at 50/60 Hz
for one minute.
Between Contacts2,000VAC at 50/60 Hz
for one minute.
- Surge Resistance10,000V (between Coil
& Contact 1.2x50 μ Sec.)
- Insulation Resistance.....100 Mega Ω Min. at
500VDC

- Max. On/Off Switching :
Electrical 15 Ops per Minute.
Mechanical 300 Ops per Minute.
- Temperature Range..... -40~85°C
- Humidity Range..... 45~85% RH.
- Coil Temperature Rise 45°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/S² Min.
Error Operation..... 100 m/S² Min.
- Life Expectancy :
Mechanical 10⁷ Operations at No
Load condition.
Electrical 10⁵ Operations at Rated
Resistive Load.
2.5x10⁴ Operations at
TV Rated Load.
- Weight..... About 18 g.

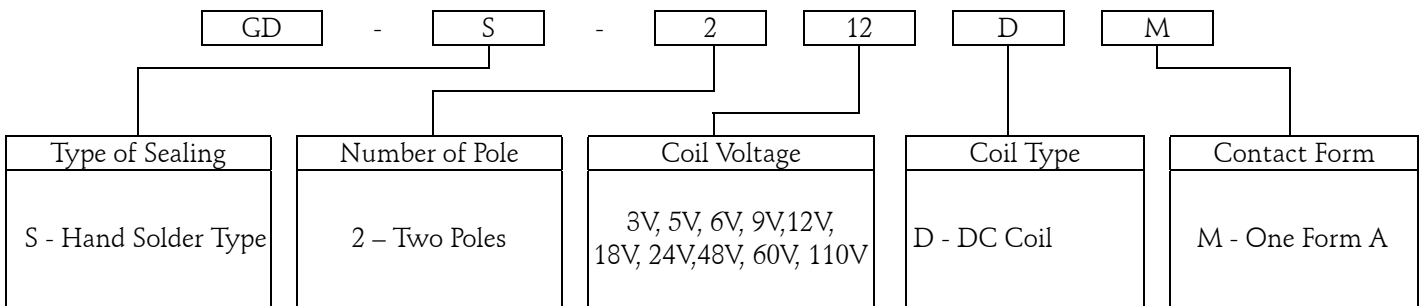
Safety Standard & Its File Number

- In Process

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)
GD	3	265	311.3	Abt. 0.80	80% Maximum	5% Minimum	110%
	5	161	31				
	6	133	45				
	9	89.1	101				
	12	66.6	180				
	18	44.4	405				
	24	32.4	740				
	48	16.7	2,880				
	60	13.3	4,500				
110	7.3	15,125					

Ordering Information:



Dimension:

GD-S

