



Main Feature

1. Quick terminal is available.
2. High resistance to noise.
3. High contact capacity 30A
4. High dielectric strength.

Application

Home appliance , Air Conditioner, Audio Equipment, Domestic Appliances, Controlling Equipment, etc.

Contact Rating

- Nominal Load (Resistive Load $\cos \varphi = 1$)
Contact Capacity
GL-1P30A at 250VAC
30A at 277VAC.
GL-2P.....25A at 250VAC.
25A at 277VAC
Rated Carrying Current30A.(GL-1P)
25A.(GL-2P)
Max. Allowable Current30A.
Max. Allowable VoltageAC 277V.
Max. Allowable Power Force.7,000 VA.(GL-1P)
6,250 VA.(GL-2P)
Min. Switching LoadDC 10V, 10mA.
- Contact MaterialAg Alloy.
- Contact Form.....SPST & DPST.

Performance (at Initial Value)

- Contact Resistance100m Ω Max. @1A,6VDC
- Operate Time30 mSec. Max.
- Release Time30 mSec. Max.
- Dielectric Strength :
Between Coil & Contact4,000VAC 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 20 Ops per Minute.
Mechanical 180 Ops per Minute.
- Temperature Range..... -25~60°C
- Humidity Range..... 5~85% 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/S² Min.
Error Operation..... 100 m/S² Min.
- Life Expectancy :
Mechanical 10⁷ Operations at No
Load condition.
Electrical 10⁵ Operations at Rated
Resistive Load.
- Weight..... About 90 g.

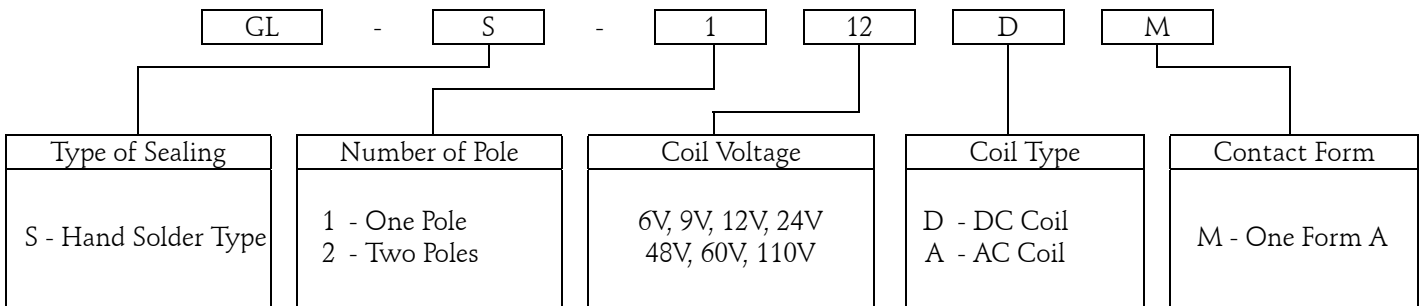
Safety Standard & Its File Number

- In Process

Coil Specification (at 20°C)

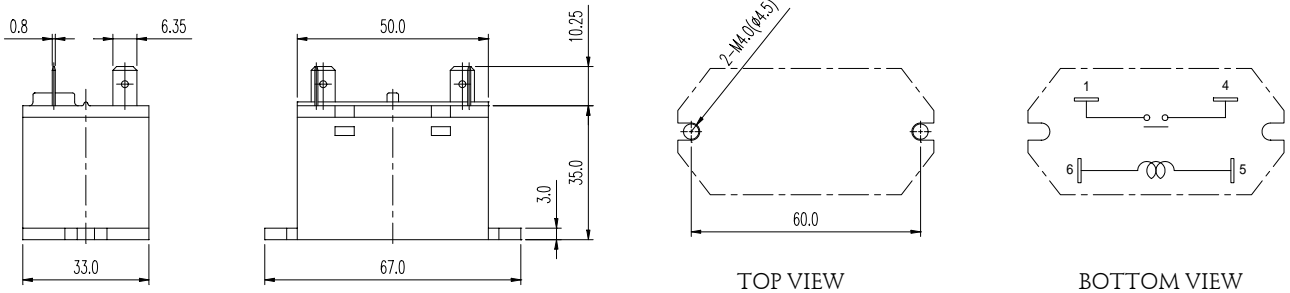
Coil Sensitivity	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance ($\Omega \pm 10\%$)	Power Consumption	Pull-In Voltage	Drop-Out Voltage	Maximum Allowable Voltage (VDC)
GL DC Coil	6	317	18.9	Abt. 1.90 W	75% Maximum	10% Minimum	110%
	9	211	42.6				
	12	158	75.8				
	24	79.2	303				
	48	39.6	1,213				
	60	31.7	1,895				
GL AC Coil	110	17.3	6,368	Abt. 1.7~2.5 VA			
	12	-	-				
	24	-	-				
	48	-	-				
	100~120	-	-				
	200~240	-	-				

Ordering Information:



Dimension:

GL-S-1



GL-S-2

