

Main Feature

1. The design of twin make contacts (DPST) with the switching capacity of 16 Amps.
2. Two types of power consumption 0.8W (D type) and 0.48W (L type) available for customer's selection.
3. Suitable plastic material is used for various chemical solution and high temperature.
4. Hand soldered type and the internal construction are designed to protect Relay from dust.
5. With 8.5 mm flat cable plug available.

Application :

Home appliances, Industrial machine and Control Equipment etc.

Contact Rating :

- Nominal Load (Resistive Load $\cos \phi = 1$)
Contact Capacity 16A at 250VAC.
12A at 400VAC.
Rated Carrying Current 16A.
Max. Allowable Current 25A.
Max. Allowable Voltage AC 400V.
Max. Allowable Power Force. 4800VA.
Min. Switching Load DC 10V, 10mA.
- Contact Material Ag Alloy.
- Contact Form DPST.

Performance (at Initial Value)

- Contact Resistance 100m Ω Max. @1A, 6VDC
- Operate Time 10 mSec. Max.
- Release Time 6 mSec. Max.
- Dielectric Strength :
Between Coil & Contact 4,000VAC at 50/60 Hz
for one minute.
Between Contacts 2,500VAC at 50/60 Hz
for one minute.
- Surge Resistance 10,000V (between Coil & Contact 1.2x50 μ Sec.)
- Insulation Resistance 100 Mega Ω Min. at

- 500VDC.
- Max. On/Off Switching :
Electrical 900 Ops per Hour.
Mechanical 900 Ops per Hour.
- Temperature Range -40~90°C
- Humidity Range 45~85% RH.
- Coil Temperature Rise 60°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 2 x 10⁶ Operations at No
Load condition.
Electrical 10⁵ Operations at Rated
Resistive Load.
- Weight About 38.0 g.

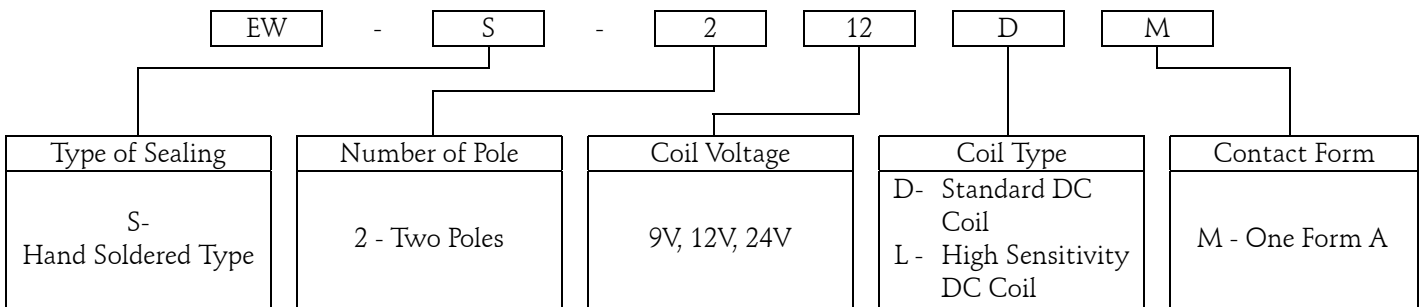
Safety Standard & Its File Number :

- Nil

Coil Specification (at 20°C)

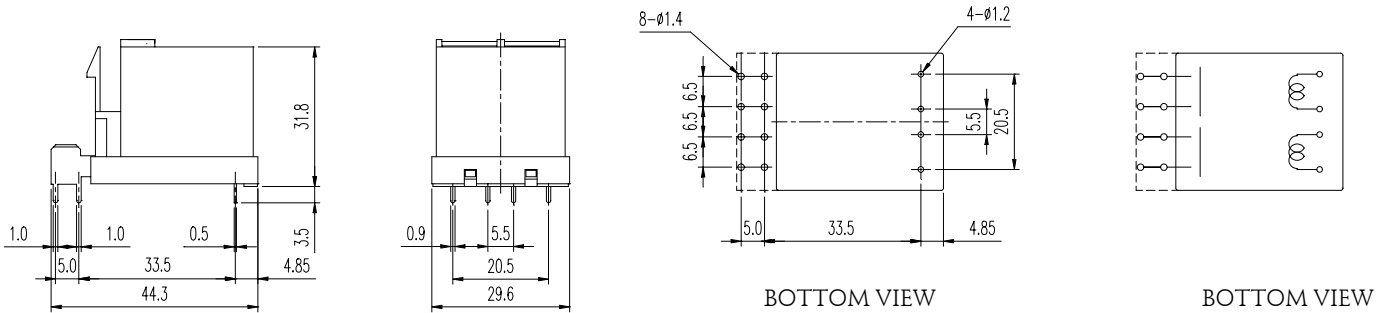
Coil Sensitivity	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance ($\Omega \pm 10\%$)	Power Consumption (W)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Maximum Allowable Voltage (VDC)
EW-DM	9	88.8	101	Abt. 0.80	80% Maximum	5% Minimum	150%
	12	66.6	180				
	24	33.3	720				
EW-LM	9	53.3	168	Abt. 0.48	80% Maximum	5% Minimum	150%
	12	40	300				
	24	20	1,200				

Ordering Information:



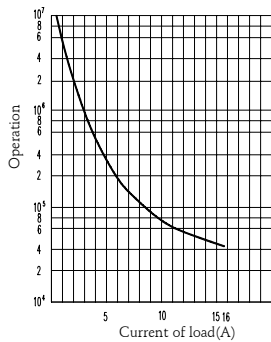
Dimension:

EW-DM/LM



Reference Data:

Electrical Life to Current



Reduction for Inductive Load

