

Main Feature

1. Power Relay in miniature size which can withstand up to 5A/120VAC capacity.
2. Two poles are designed with Soldered Lug Terminal for customer's various applications.
3. Complete protective construction is designed for dust prevention.

Application

Office equipment, Industrial Control Equipment, etc.

Contact Rating

- Nominal Load (Resistive Load $\cos \varphi = 1$)
Contact Capacity5A at 120VAC.
5A at 24VDC.
Rated Carrying Current5A.
Max. Allowable Current5A.
Max. Allowable VoltageAC 120V, DC 60V.
Max. Allowable Power Force.600 VA, 120W.
Min. Switching LoadDC 10V, 10mA.
- Contact MaterialAg Alloy.
- Contact Form.....DPST & DPDT.

Performance (at Initial Value)

- Contact Resistance100m Ω Max. @1A,6VDC
- Operate Time20 mSec. Max.
- Release Time20 mSec. Max.
- Dielectric Strength :
Between Coil & Contact1,000VAC at 50/60 Hz
for one minute.
Between Contacts500VAC at 50/60 Hz
for one minute.
- Surge Resistance1,000V (between coil
& contact 1.2x50 μ Sec.)
- Insulation Resistance.....100 Mega Ω Min. at
500VDC.
- Max. On/Off Switching :
Electrical30 Ops per Minute.
Mechanical300 Ops per Minute.

- Temperature Range..... -10~40°C (D Type)
- Humidity Range 45~85% RH.
- Coil Temperature Rise 60°C Max. (D Type)
- 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 18 g.

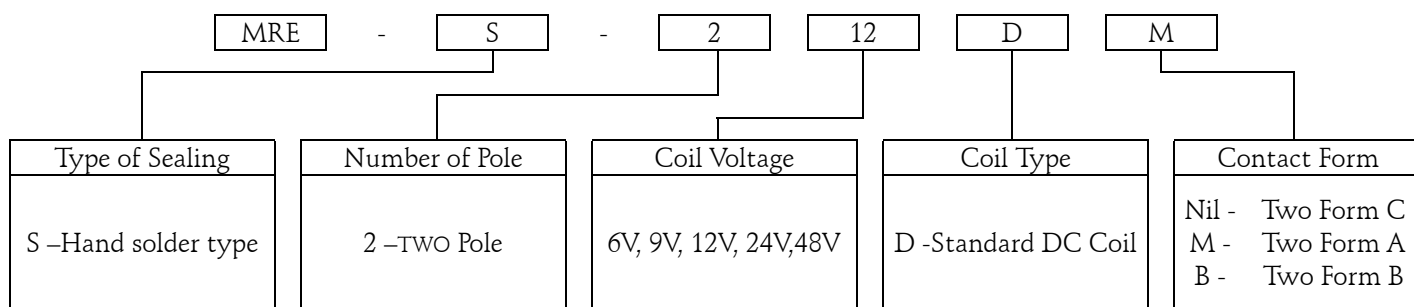
Safety Standard & Its File Number

- 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)
MRE	6	150	40	Abt. 0.9	80% Maximum	5% Minimum	110%
	9	100	90				
	12	75	160				
	24	37.5	640				
	48	18.8	2560				

Ordering Information:



Dimension:

MRE-S

