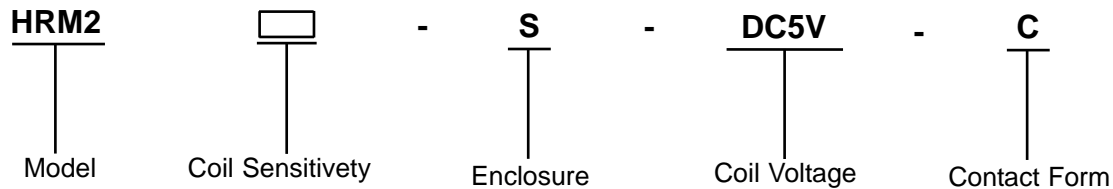




Features:

- Slim type with low height. Dimension : 29 × 12.6 × 20.8 (mm).
- Contact form : 1 form C.
- Dielectric strength between coil and contact : 4KV.
- 16A contact current.
- Creepage distance : 8 mm.

Part Number Explanation:



- Coil Sensitivity** : Blank - Standard (720mW).
Enclosure : S-Plastic sealed type.
Coil Voltage : DC5V, DC9V, DC12V and DC24V.
Contact Form : C-1 Form C.

Specifications

| Contact Data | | |
|--------------------|--|------------------|
| Contact Material | Ag Alloy | |
| Contact Rating | Resistive : 16A 250V ac / 30V dc TV Rating : TV-8 125V ac Inductive : 8A 250V ac / 30V dc (COSØ = 0.4, L/R = 7ms) | |
| Contact Resistance | Maximum 100mΩ (6V dc 1A) | |
| Load | Maximum Switching Voltage | 250V ac / 30V dc |
| | Maximum Switching Current | 16A |
| | Maximum Switching Power | 4,000VA, 480W |
| | Minimum Switching Load | 5V dc, 100mA |

Specifications

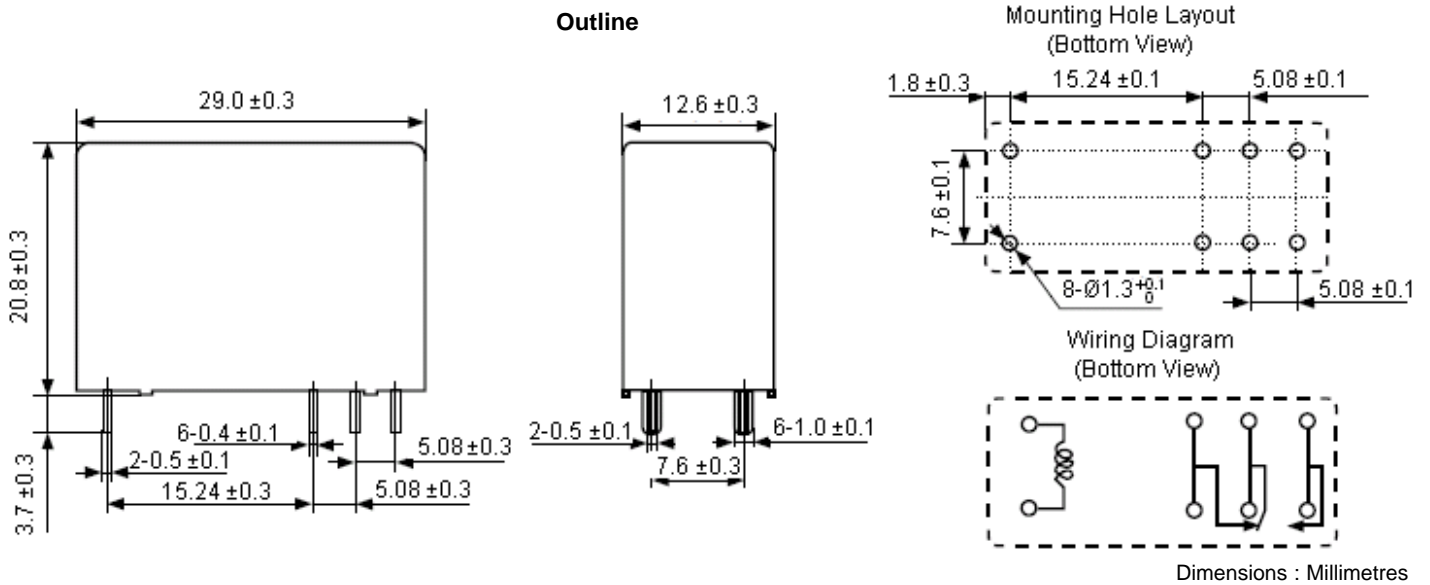
| Contact Data | | |
|-----------------------|---------------------------|------------------------------------|
| Life | Electrical | 100,000 Operations |
| | Mechanical | 10,000,000 Operations |
| Coil Data | | |
| Nominal Coil Power | | 540mW, 720mW |
| General Data | | |
| Insulation Resistance | | Minimum 1,000M Ω 500V dc |
| Dielectric Strength | Between Open Contacts | 1,000V ac, 1 min |
| | Between Coil and Contacts | 4,000V ac, 1 min |
| Operate Time | | Maximum 15ms |
| Release Time | | Maximum 8ms |
| Operating Temperature | | -30°C to +55°C (720mW) |
| | | -30°C to +70°C (540mW) |
| Humidity | | 35 to 95% RH, +40°C |
| Shock Resistance | Endurance | 1,000m/s ² |
| | Misoperation | 100m/s ² |
| Vibration Resistance | Endurance | 10 to 55Hz, 1.5mm Double Amplitude |
| | Misoperation | |

Coil Data

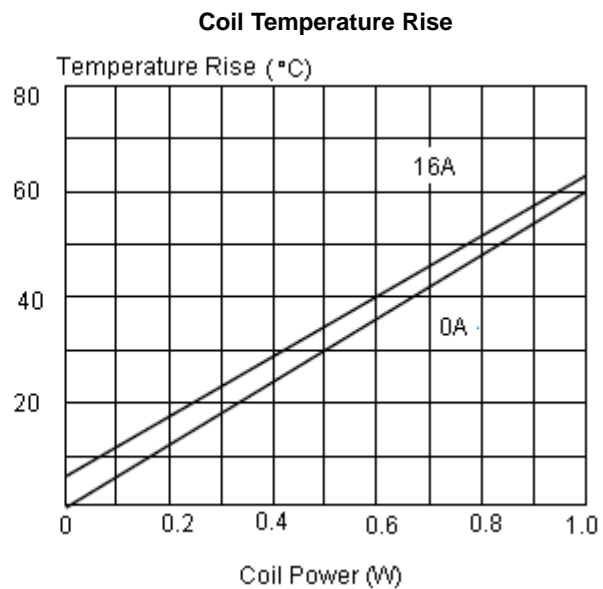
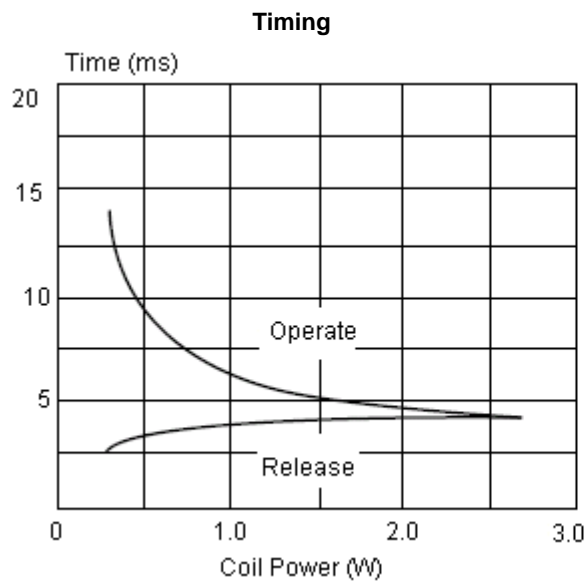
Ambient Temperature: 23°C

| Nominal Voltage V dc | Coil Resistance $\Omega \pm 10\%$ | Operate Voltage $\leq V$ dc | Release Voltage $\geq V$ dc | Coil Power mW | Part Number |
|-------------------------|--------------------------------------|--------------------------------|--------------------------------|------------------|----------------|
| 5 | 35 | 3.75 | 0.5 | 720 | HRM2-S-DC5V-C |
| 9 | 112.5 | 6.75 | 0.9 | | HRM2-S-DC9V-C |
| 12 | 200 | 9 | 1.2 | | HRM2-S-DC12V-C |
| 24 | 800 | 18 | 2.4 | | HRM2-S-DC24V-C |

Out Line, Wiring Diagram, Mounting Hole Layout (Unit : mm)

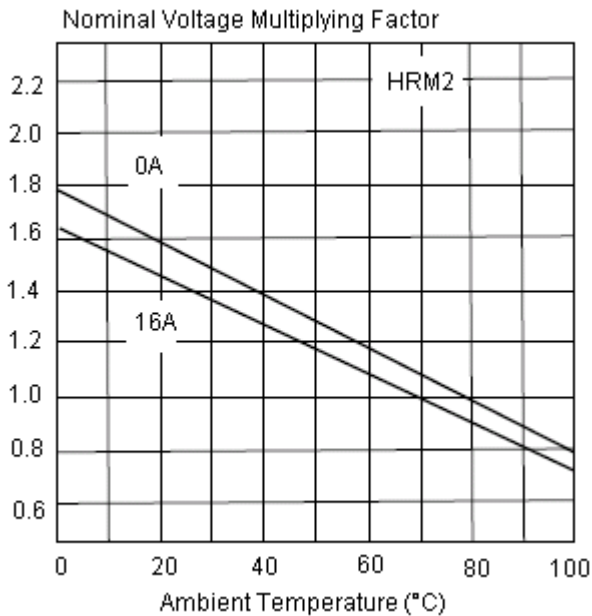


Characteristic Chart Data

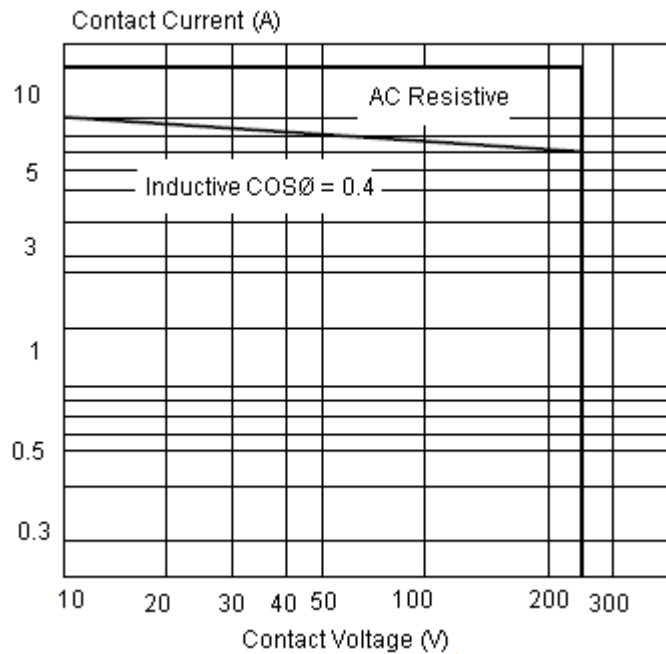


Characteristic Chart Data

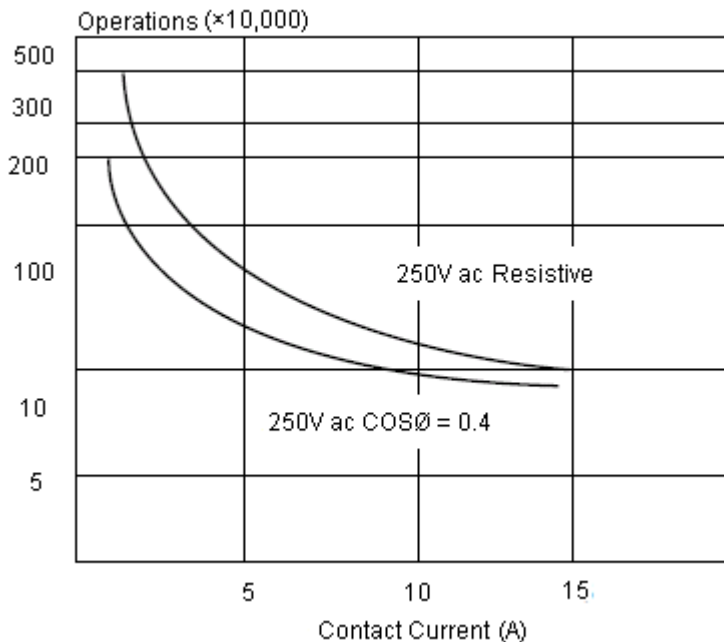
Operate Range



Maximum Switching Power



Life Curves



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