



Contact Data

| | |
|----------------------------|-----------------------|
| Contact form | : 1 form A. |
| Contact material | : Ag Alloy. |
| Contact rating | : 30A 250V ac/24V dc. |
| Maximum switching voltage | : 250V ac/24V dc. |
| Maximum switching current | : 30A. |
| Maximum switching power | : 7500VA, 720W. |
| Minimum switching load | : 5V dc, 100mA. |
| Maximum contact resistance | : 100mΩ (6V dc 1A). |

Life

| | |
|------------|--------------------------|
| Electrical | : 100,000 operations. |
| Mechanical | : 10,000,000 operations. |

General Data

| | |
|-------------------------------|---------------------------------------------------------------------------------------|
| Minimum insulation resistance | : 1000MΩ 500V dc. |
| Dielectric strength | : 1500V ac, 1 min between open contacts 2500V ac, 1 min between coil and contacts. |
| Operate time | : Maximum 15ms. |
| Release time | : Maximum 10ms. |
| Operate temperature | : -30 to +85°C. |

Shock Resistance

| | |
|--------------|--------------------------|
| Endurance | : 1000m/s ² . |
| Misoperation | : 100m/s ² . |

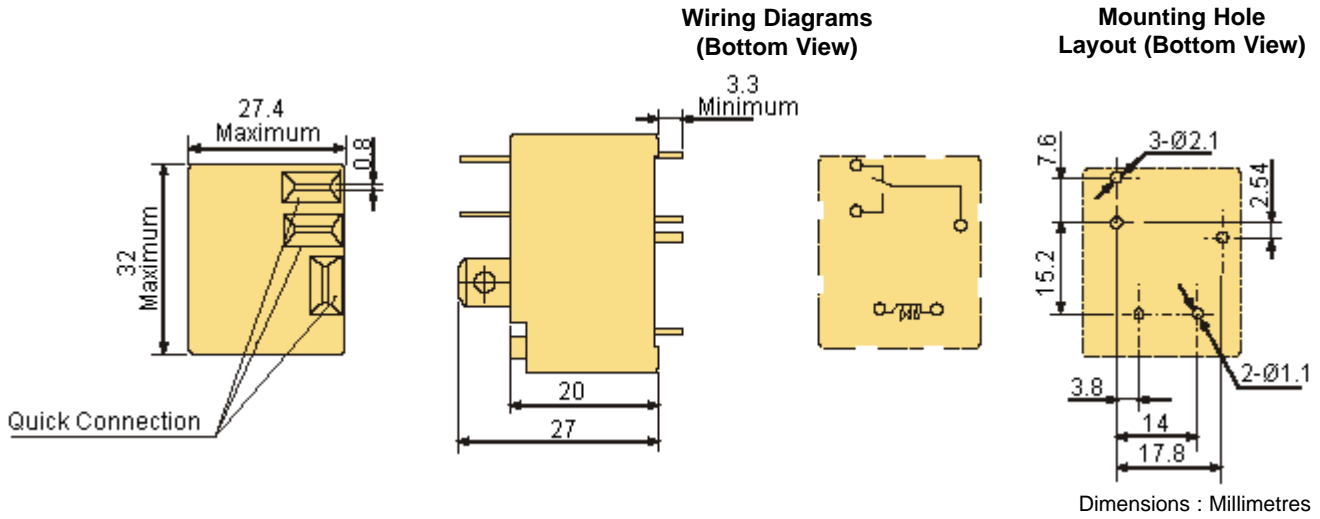
Vibration Resistance

| | |
|--------------|---------------------------------------|
| Endurance | : 10 to 55Hz, 1.5mm double amplitude. |
| Misoperation | : 10 to 55Hz, 1.5mm double amplitude. |
| Humidity | : 35% to 95%RH, +40°C. |

Coil Data Chart 20°C

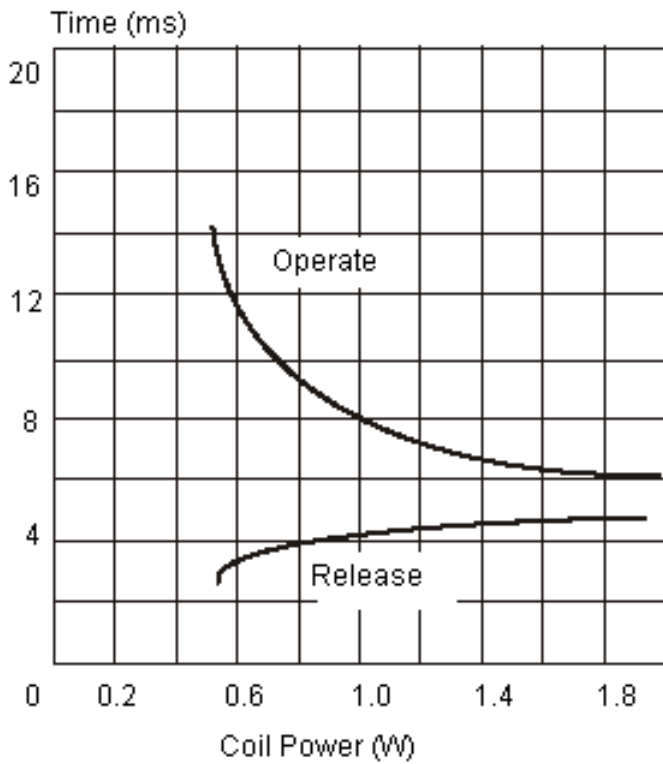
| Nominal Voltage V dc | Coil Resistance Ω ±10% | Operate Voltage ≤ V dc | Release Voltage ≥ V dc | Coil Power mW | Enclosure | Contact Form | Part Number |
|-------------------------|---------------------------|---------------------------|---------------------------|------------------|------------------------|--------------|-------------|
| 12 | 160 | 8.4 | 1.2 | 900 | Plastic Sealed Type | 1 form A | MC25154 |
| 24 | 640 | 16.8 | 2.4 | | | | MC25155 |

Dimensions (mm)

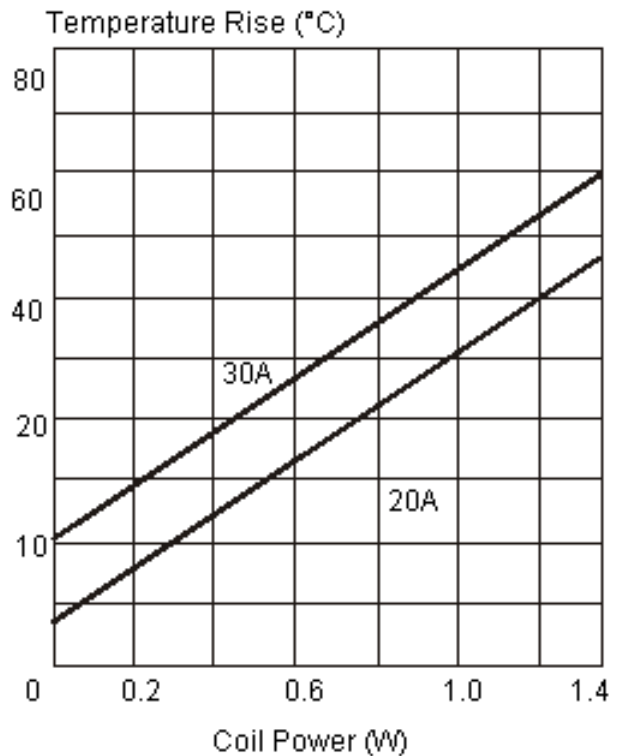


Characteristic Chart Data

Timing

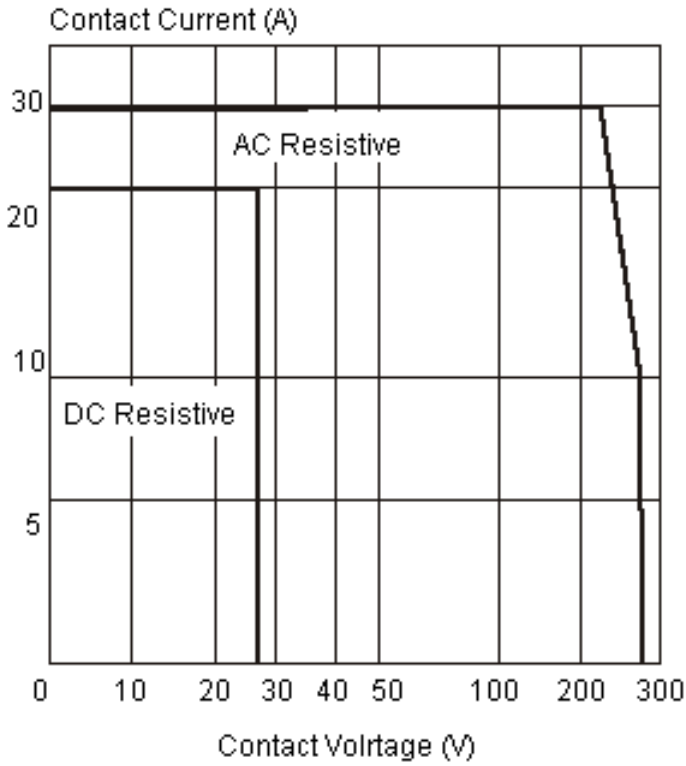


Coil Temperature Rise

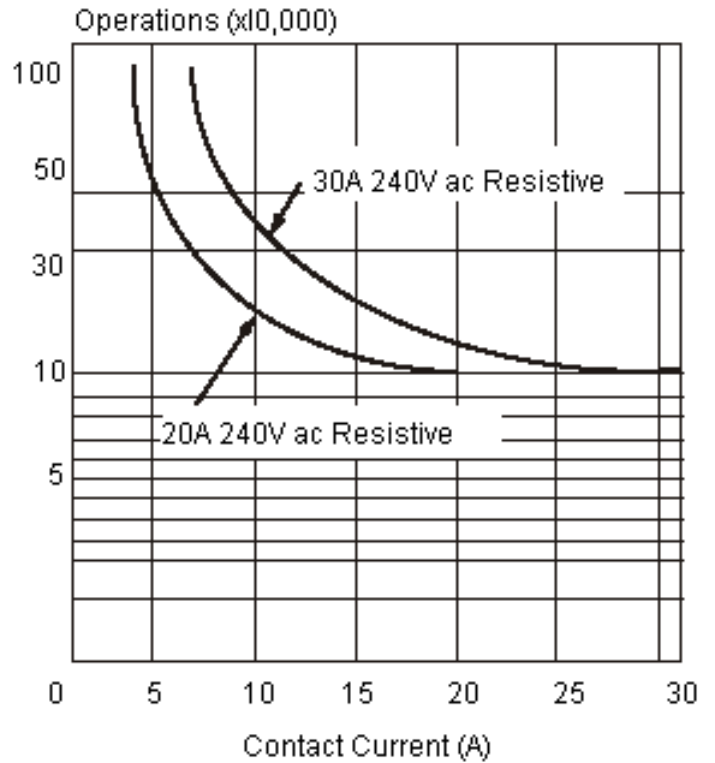


Characteristic Chart Data

Maximum Switching Power



Life Curves



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