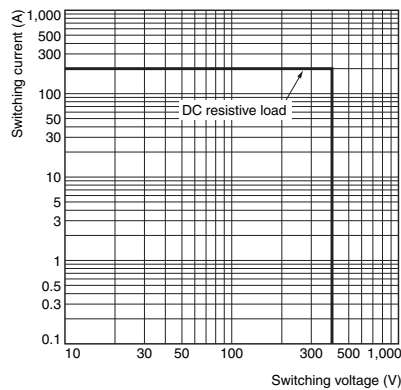


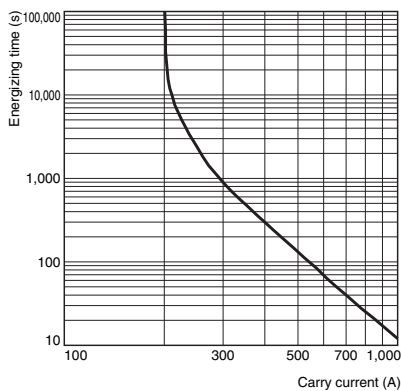
## Engineering Data

### G9EC-1(-B) Switching/Current Conduction Models

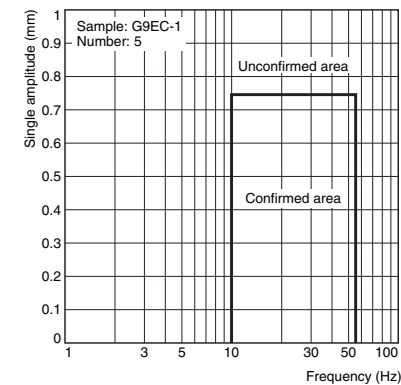
#### Maximum Switching Capacity



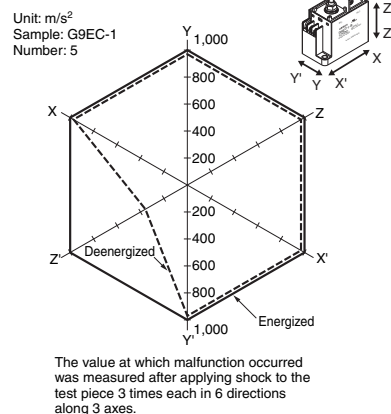
#### Carry Current vs Energizing Time



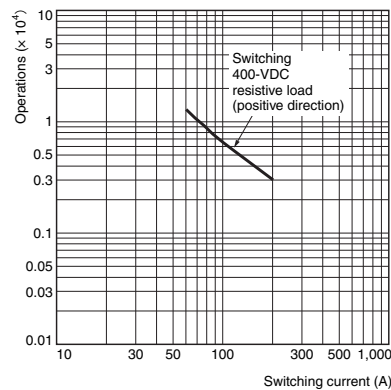
#### Vibration Malfunction



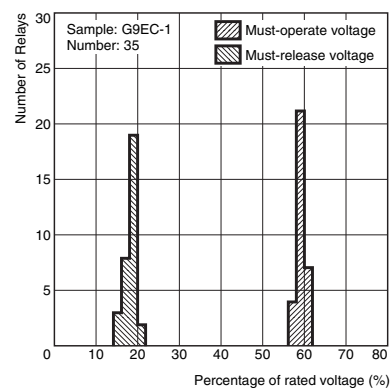
#### Shock Malfunction



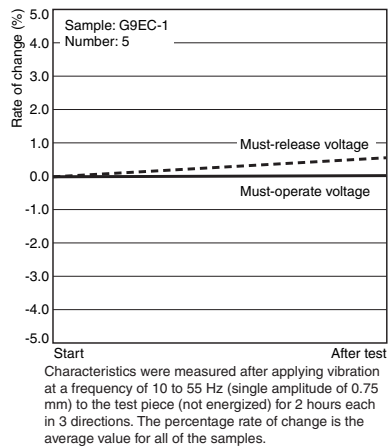
#### Electrical Endurance (Switching Performance)



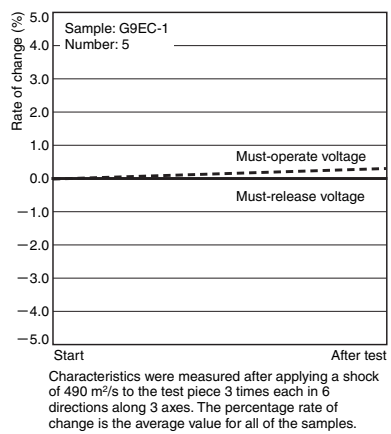
#### Must-operate Voltage and Must-release Voltage Distributions



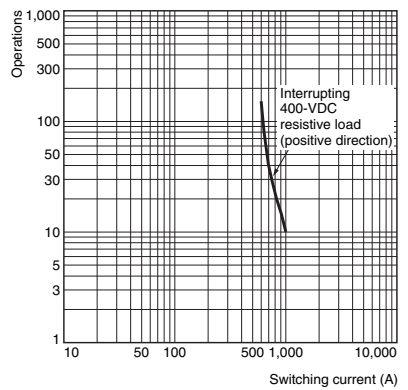
#### Vibration Resistance



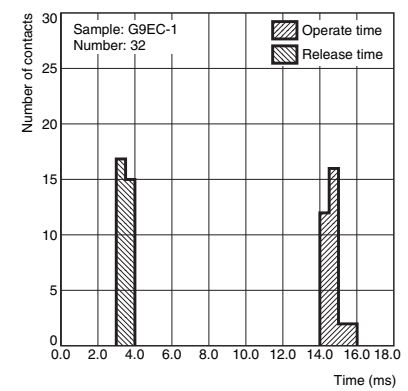
#### Shock Resistance



#### Electrical Endurance (Interruption Performance)

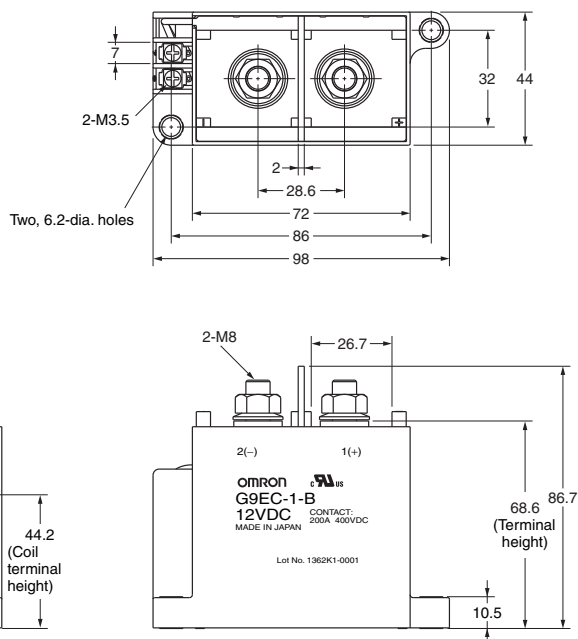
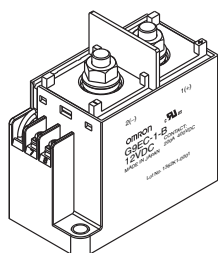


#### Time Characteristic Distributions

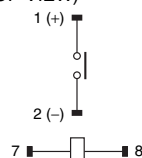


### ■Dimensions (Unit: mm)

#### ●Models with Screw Terminals G9EC-1-B

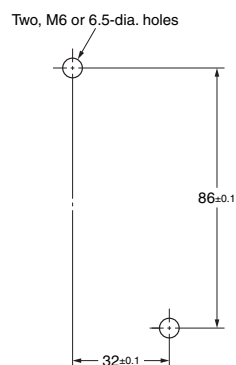


#### Terminal Arrangement/ Internal Connections (TOP VIEW)



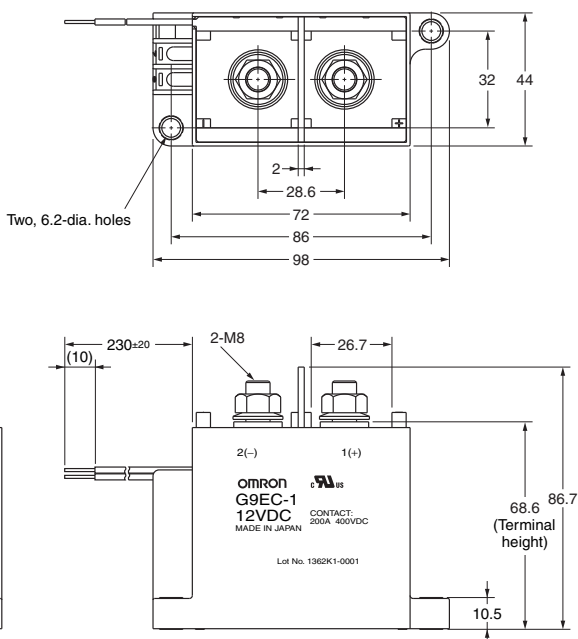
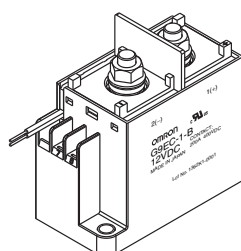
Note: Be sure to connect terminals with the correct polarity. Coils do not have polarity.

#### Mounting Hole Dimensions (TOP VIEW)

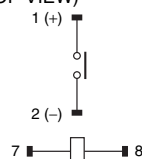


| Dimension (mm) | Tolerance (mm) |
|----------------|----------------|
| 10 or lower    | ±0.3           |
| 10 to 50       | ±0.5           |
| 50 or higher   | ±1             |

#### ●Models with Lead Wires G9EC-1

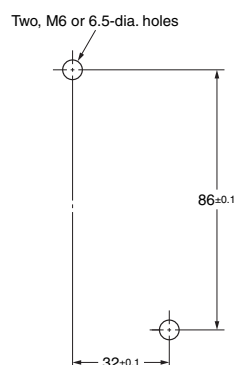


#### Terminal Arrangement/ Internal Connections (TOP VIEW)



Note: Be sure to connect terminals with the correct polarity. Coils do not have polarity.

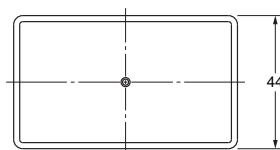
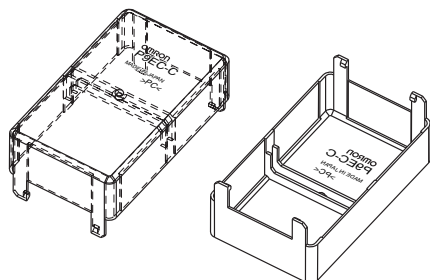
#### Mounting Hole Dimensions (TOP VIEW)



| Dimension (mm) | Tolerance (mm) |
|----------------|----------------|
| 10 or lower    | ±0.3           |
| 10 to 50       | ±0.5           |
| 50 or higher   | ±1             |

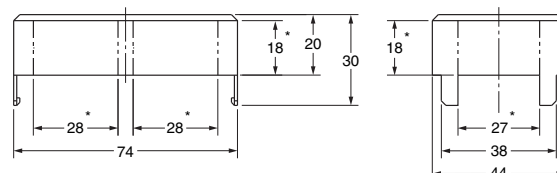
### ■Options (Unit: mm)

#### ●Terminal Cover P9EC-C



\* Dimensions of cutout for wiring.

Note: Be sure to remove the cutouts for wiring that are located in the wiring outlet direction before installing the Terminal Cover.



| Dimension (mm) | Tolerance (mm) |
|----------------|----------------|
| 10 or lower    | ±0.3           |
| 10 to 50       | ±0.5           |
| 50 or higher   | ±1             |