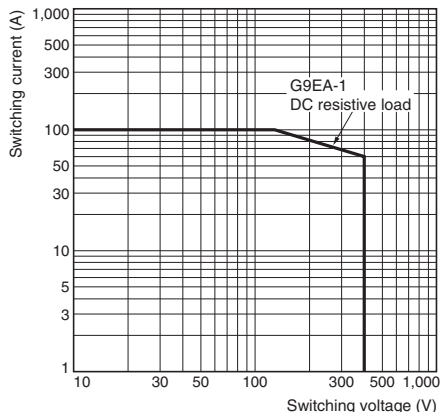


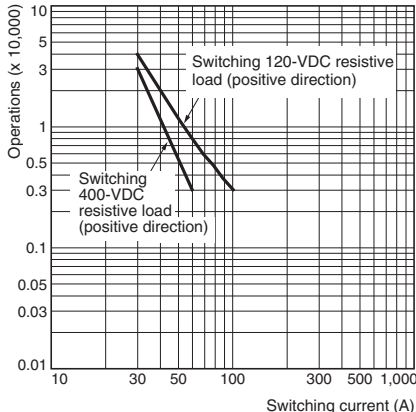
# Engineering Data

## ■ G9EA-1(-B) Switching/Current Conduction Models

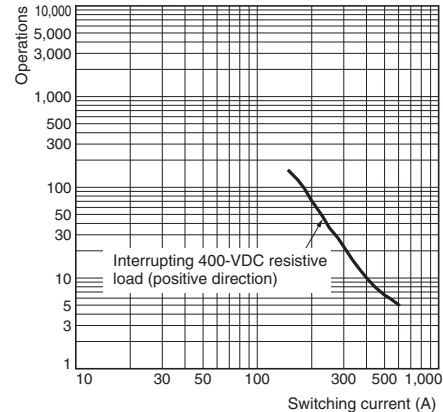
**Maximum Switching Capacity**



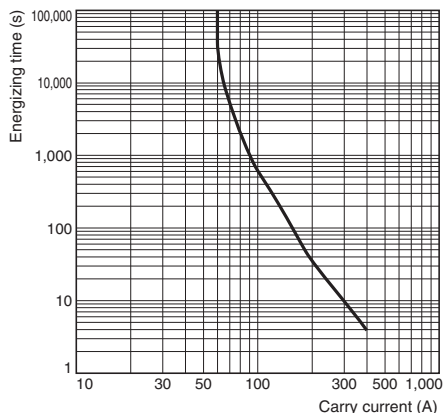
**Electrical Endurance (Switching Performance)**



**Electrical Endurance (Interruption Performance)**

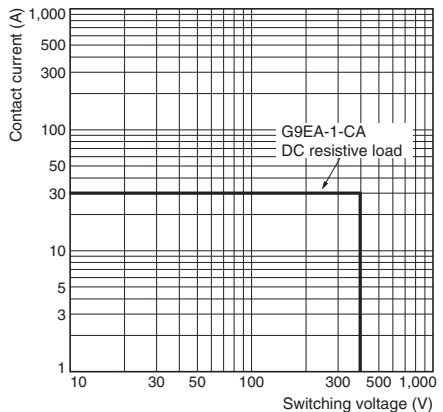


**Carry Current vs Energizing Time**

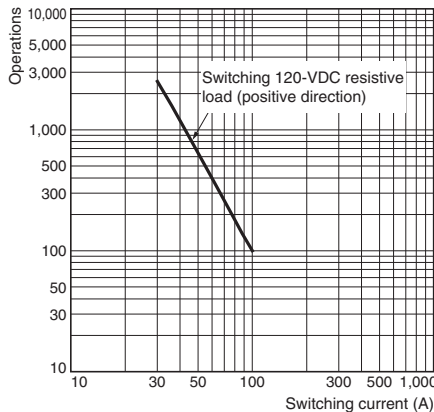


## ■ G9EA-1(-B)-CA High-current Conduction Models

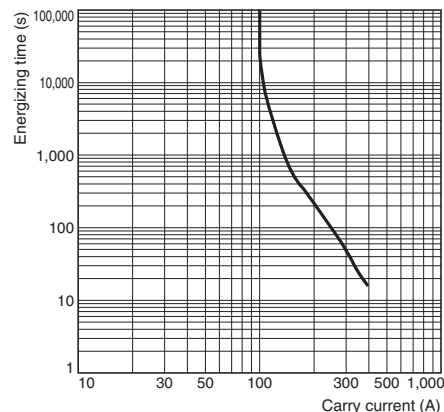
**Maximum Switching Capacity**



**Electrical Endurance (Switching Performance)**

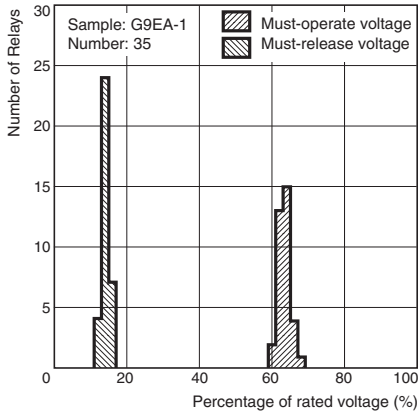


**Carry Current vs Energizing Time**

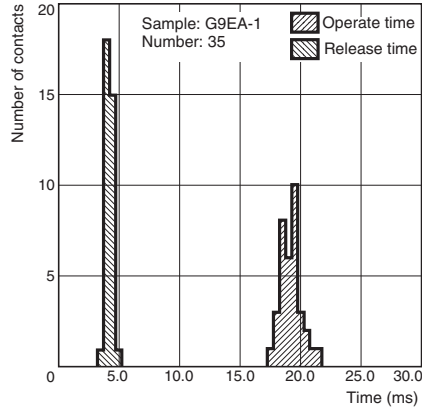


## ■ All G9EA-1 Models

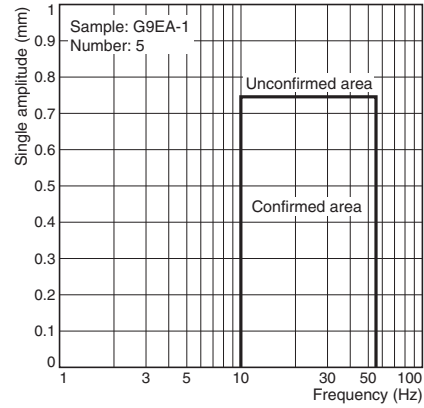
### Must-operate Voltage and Must-release Voltage Distributions



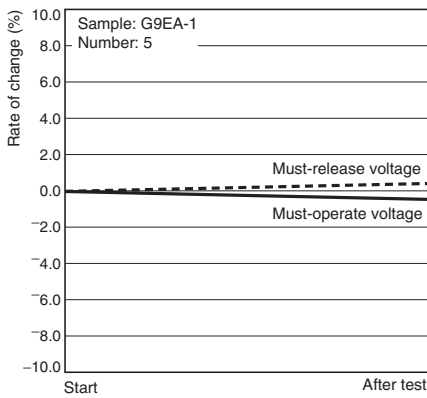
### Time Characteristic Distributions



### Vibration Malfunction

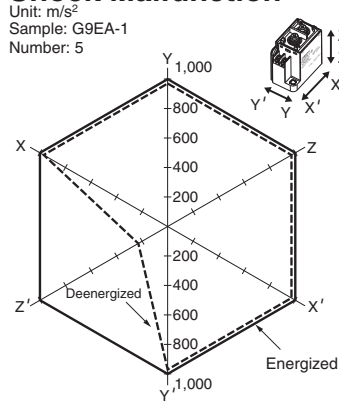


### Vibration Resistance



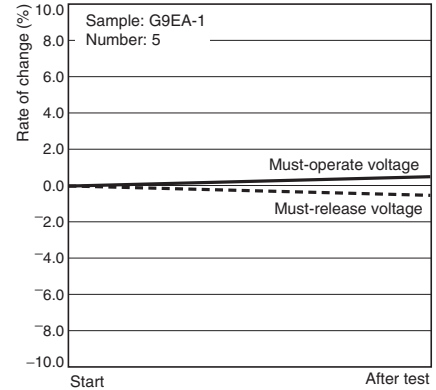
Characteristics were measured after applying vibration at a frequency of 10 to 55 Hz (single amplitude of 0.75 mm) to the test piece (not energized) for 2 hours each in 3 directions. The percentage rate of change is the average value for all of the samples

### Shock Malfunction



The value at which malfunction occurred was measured after applying shock to the test piece 3 times each in 6 directions along 3 axes.

### Shock Resistance



Characteristics were measured after applying a shock of  $490 m^2/s$  to the test piece 3 times each in 6 directions along 3 axes. The percentage rate of change is the average value for all of the samples.