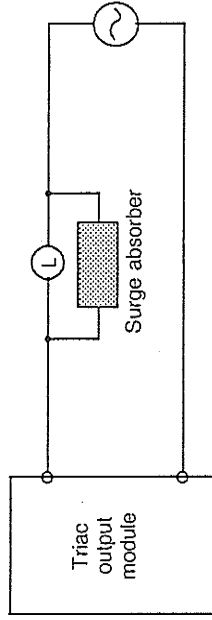


precautions for triac output modules

points. When the load short circuits, the fuses are designed to blow to protect the triacs. However, if a fuse blows, semiconductor devices may be damaged to some extent. Therefore, when installing this module, short circuits must be avoided. Pay particular attention to the wiring.

2. Output surge protection



Select a surge absorber that precisely meets the requirements.

- ① Varistor (for clamping voltage)
The voltage rating is roughly 1.2 times the maximum (peak) voltage of the power supply
- ② Snubber (CR) circuit (for attenuating coil current high frequencies)
R: 0.5 to 1 Ω per volt coil voltage
C: 0.5 to 1 μF per ampere of current (non-polarity capacitor)

1. A power supply of 24 Vdc must be supplied to the relay drive circuit of the relay output module. Connect a power supply of 24 Vdc \pm 10% between the positive and negative terminals.
2. The relay output module does not contain a fuse for protection against overload. Be sure to install the appropriate fuses.

4.7.6 Application precautions for relay output modules