

## 9 Example of Noise Suppression in AC Power Supplies

### Examples of Confirming the Effectiveness of Hybrid Choke Coils

An example to confirm the effects obtained by using the PLY10 series hybrid choke coil is shown above in Fig. 1. Compared with adding an additional differential mode choke coil, using the PLY10 series suppresses Mains Terminal Interference Voltage with a smaller circuit and decreases the mounting area.

(Although this example uses lighting equipment as a suppression model, the same suppression methods can be used for switching power supplies.)

### ■Example of Using the PLY10 Series Hybrid Choke Coil

