Abstract

POWER DISTRIBUTION DEVICE AND POWER DISTRIBUTION SYSTEM

The present application provides a power distribution device and a power distribution system. In the power distribution device, a housing, an elongate conductor, and a contact conductive assembly are assembled together. Both the elongate conductor and the conductor assembly are mounted in the housing, and the contact conductive assembly includes a contact conductive portion capable of elastic deformation. In a standby state where the adapter is not plugged into, the contact conductive portion is separated from the elongate conductor; in an operating state where the adapter is plugged into, the adapter is plugged into the opening to abut against the contact conductive portion, thereby elastically deforming the contact conductive portion to contact the corresponding elongate conductor, whereby the adapter is electrically connected to the elongate conductor via the contact conductive portion. In this way, the safety risk of using the power distribution system can be reduced.

Fig. 3