

SMART HOME ELECTRIC POWER CONNECTING SYSTEM

Abstract

A smart home electric power connecting system comprises an electric power connecting guide rail (302) and a socket board module (303). A slot (106) is formed on the top surface of the electric power connecting guide rail, three conductive copper wires (103) are arranged in the slot, and the three conductive copper wires are connected with a live wire, a null wire and a ground wire of a power source respectively. The socket board module can be inserted in the slot of the electric power connecting guide rail. A wiring mode is reasonably improved to replace a conventional wall pre-buried wiring mode, the complexity of decoration is reduced, and mounting convenience is improved. The electric power connecting guide rail is arranged at the position of a skirting line, a power source bus system is extended to all rooms, the socket board module capable of being inserted at any place provides available jacks for plugs of electric devices, and an available power source is provided for household appliances nearby. The system is convenient to mount, simple in operation, and attractive and practical to use.