

ABSTRACT

EXPANDABLE AND UPGRADABLE UNIVERSAL ELECTRICAL SOCKET

An expandable and upgradeable universal socket, including a socket body and a function module. The function module is replaceable and upgradeable, and is detachably fixed to the socket body. A power circuit of the function module is separably connected to a power circuit of the socket body to enable the function modules to plug and play. A space is provided in the socket body to accommodate the functional module, and a surface of the socket body is provided with a function area corresponding to the function module. Various expanded function modules can be matched and arranged in the reserved space. Small electronic components can be accommodated in the socket bottom box, and the number of external power transformers are reduced, which saves space, reduces exposed wires and beautifies the appearance. There is no need to replace the entire socket when upgrading the socket, which is environmentally friendly and energy saving.

(FIG. 14)