CONNECTOR FOR CONNECTING ELECTRICAL WIRES TO ELECTRONIC BOARDS, PARTICULARLY FOR THE WIRING OF DOMOTIC NETWORKS

ABSTRACT

An electrical connector for transmitting low-voltage signals among electronic units or for transmitting low power levels particularly for wiring domotic networks comprising a box-like connection shell (11, 111), which forms internally at least one receptacle (12, 112) for a corresponding electrical terminal (13, 113); the terminal (13, 113) is constituted by two parts (21, 121, 22, 122), a first part (21, 121) for fixing to one or more electrical wires (17, 117) and a second part (22, 122) for reversible coupling to a connection pin (23, 123) to be coupled to an electronic board (24, 124). The first part (21, 121) comprises a plate (27, 127) on which a through hole (28, 128) is formed centrally, the hole being delimited completely within the plate (27, 127). The through hole (28, 128) is constituted by two portions (29, 129, 30, 130), a first portion (29, 129) for the insertion of the electrical wires (17, 117) and a second portion (30, 130) for connection to the wires (17, 117), which opens onto the first portion (29, 129) and has two converging internal edges (31, 131) for stripping and contact with the wires (17, 117). The second part (22, 122) of the terminal (13, 113) is constituted by two converging wings (33, 133), which protrude from a bridge (34, 134) for connection to the plate (27, 127).

(Figure 3)