

Title (en)

An electrical device for protection against residual currents

Title (de)

Fehlerstromschutzschalter

Title (fr)

Disjoncteur de protection contre des courants de défaut

Publication

EP 1480243 B1 20070926 (EN)

Application

EP 04076453 A 20040518

Priority

IT BG20030033 A 20030520

Abstract (en)

[origin: EP1480243A1] An electrical device for protection against residual currents, which comprises an insulating casing having a rear wall, a front wall, a bottom wall, a top wall, and two side walls. Inside said casing there are: a residual-current sensor, which comprises a toroidal core, a primary winding and a secondary winding; and a tripping relay, having a containment box, from a wall of which there protrude a first pin and a second pin designed to enable operative connection of the relay with the current sensor via circuit-connection means positioned between them. Said connection means comprise a first substantially rigid body, on which there are defined two distinct electrically conductive paths; the first conductive path has a first end connected to the secondary winding and a second free end designed to be connected operatively to said first pin, and the second path has a third end connected to the secondary winding and a fourth free end designed to be connected to said second pin, said first and second pins and said second and fourth free ends being located in a spatial position that is pre-defined with respect to one of said walls of the casing. <IMAGE>

IPC 8 full level

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