CLAIMS

1. Safety device (30) for electrical sockets (1), designed to be interposed between a body (10) for containing the electrical contacts of the socket and a cover (20) having at least one pair of openings (21) for access to said phase and neutral electrical contacts of the socket, said safety system (30) comprising shutter elements (60) moveable between a position of occlusion of ~~pushed by elastic means (61) to occlude normally~~ said pair of openings (21) wherein they ~~to~~ prevent the access to said electrical contacts and a position spaced apart ~~which can be moved away~~ from said pair of openings (21) wherein they allow the insertion of ~~when~~ the pins of an electrical plug ~~are inserted~~ therein, ~~but not when a foreign body is inserted in only one of said openings (21),~~ and elastic means (61) which push said shutters (60) in their occlusion position,
~~said safety device being characterised in that~~ wherein said shutters (60) are separated and unrestrained one in relation to the other, each one normally occluding a respective opening (21), said shutters (60) being placed on a separate oscillating body (50) able to oscillate around an axis X-X when a thrust force is exerted on only one of these shutters through one of said openings (21) of the cover (20), assuming an inclined position wherein said shutters interfere with projections (46, 26) provided on an underlying support base (40) of the oscillating body and on said cover (20), said projections ~~so as to~~ avoiding any displacements of said shutters (60) from their position of occlusion of said openings (21), said axis of oscillation X-X of the oscillating body (50) being placed centrally between said shutters (60) and passing through the midline of an elongated opening (52) provided in said oscillating body (50).

2. Safety device according to claim 1, characterised in that ~~said oscillating body (50) rests on an underlying base (40),~~ a pair of openings (51), (41) are ~~being~~ provided in the oscillating body (50) and in the underlying support base (40) respectively, aligned one with the other and with said openings (21) of the cover (20).

3. Safety device according to claim 2, characterised in that on said support base (40) a pair of projections (46) are provided adjacent to said pair of openings (41), aligned with corresponding holes (56) provided in the oscillating body (50), such that when

the oscillating body (50) is in an inclined position, one of said projections (46) penetrates a corresponding hole (56) and interferes with the corresponding shutter (60) avoiding the displacement thereof.

4. Safety device according to any one of the preceding claims, characterised in that a pair of projections (26) are provided inside said cover (20) adjacent to said openings