CLAIMS

1. A control unit (1) for controlling an electrical apparatus, comprising a control device (200) adapted to be wall-mounted and an actuation plate (100) adapted to be secured to said control device (200), wherein the actuation plate (100) comprises:

- a support frame (120) and a relative cornice (122) to which a plate (110a) made of a transparent material is secured,
- a cover surface (110), defined by the plate (110a), which is at least partially transparent, said cover surface (110) being disposed, in use, to cover the control device (200) and a portion of a wall on which the control device (200) is mounted,
- a sensor member (130) adapted to detect contact with a user's finger, and wherein said control device (200) comprises:
- a base structure (210) adapted to fasten said control device (200) to the wall,
- a terminal block (220) adapted to electrically connect the control unit (1) to the electrical apparatus,
- a lighting device (260) designed to light, in use, an inner surface (111) of said actuation plate (100) opposite said cover surface (110) at a touch zone (T);

wherein said control device (200) further comprises an abutment member (230) comprising an edge (231) designed to abut on said inner surface (111), said abutment member (230) being connected to said base structure (210) in such a way as to enable the edge (231) at least to move in translation in a fastening direction (F), said fastening direction (F) being a direction of pressing said actuation plate (100) on said control device (200), and wherein said control device (200) further comprises a retaining member (121) capable of preventing said actuation plate (100) from moving with respect to said base structure (210) at least in a direction opposite said fastening direction (F) and resilient means (250) designed to counter the displacement of said abutment member (230) in said fastening direction (F), wherein said touch zone (T) is adjacent to said edge (231), said abutment member (230) comprising a transparent surface (234) associated with a graphical symbol (401) facing said lighting device (260).

2. A control unit (1) according to claim 1, wherein said abutment member (230) is connected to said base structure (210) by means of a coupling with play (215, 233) in such a way as to enable at least limited rotations about an axis perpendicular to said fastening direction (F).

3. A control unit (1) according to claim 1 or 2, comprising electrical connection means (140, 240) between said actuation plate and said control device, said electrical connection means being

connected or connectable to said terminal block (220) and comprising at least one electrical connector (140) which may move in said fastening direction (F) with respect to said support frame (120) and/or with respect to said base structure (210).

4. A control unit (1) according to claim 3, wherein said electrical connection means (140, 240) comprise further resilient means (141) designed to counter the displacement of said electrical connector (140) in said fastening direction (F).

5. A control unit (1) according to any of the preceding claims, further comprising at least one opaque support portion (400) facing said lighting device (260) and underlying said inner surface (111), a transparent window designed to represent said graphical symbol (401) being defined in said support portion (400) and wherein said actuation plate (100) comprises a layer of partially opaque varnish.

6. A control unit (1) according to any of the preceding claims, wherein said actuation plate (100) comprises a contact sensor device for detecting a contact action by a finger of a user or other body at the touch zone (T), a controlling unit (280) for controlling the electrical apparatus as a function of the detection of the contact action and a proximity sensor device able to execute a variation of light intensity of the illuminating device (260) following an approaching action of a finger of the user, or other body, within a predetermined distance.

7. A control unit (1) according to claim 6, further comprising a sensor element (130) comprising at least one capacitive element for detecting the contact and/or approaching action within the predetermined distance.

8. A control unit (1) according to claim 7, comprising at least a first and a second capacitive element, which are associated with the contact sensor device and with the position sensor device respectively, the second capacitive element being arranged perimetrically to the first capacitive element.

9. A control unit (1) according to claim 8, comprising a plurality of first capacitive elements, the first capacitive elements being associated with respective touch zones (T) arranged internally to a proximity area (P) defined by the second capacitive element.

10. A control unit (1) according to one of claims 6-9, wherein the predetermined distance is between 15 and 5 cm.

11. A control unit (1) according to any of the preceding claims, further comprising a switch (270) which may be actuated by moving the abutment member (230) beyond a predetermined distance in the fastening direction (F).