~~Patent claims~~CLAIMS

1. Installation element for electrical connectors having a base housing (10), in which at least one electrical plug socket is arranged, and an outer housing (60) having at least one through-opening, with a rotating closure mechanism being arranged between the outer housing (60) and the base housing (10), ***characterized in that*** said installation element has a drive unit (50) which moves the locking mechanism linearly and rotationally when initiated by a control signal~~, wherein in a closed position, recesses 7 (a, b) of a closure (1) form a plane surface with respect to the surface of the outer housing (60), the outer housing (60) is closed from below with a housing bottom (70) and in an opened position openings (61 a,b) of the outer housing (60) allow free access to socket inserts (65 a,b), wherein the drive unit (50) is arranged between the socket inserts (65 a,b) and moves linearly and rotationally due to a rotational movement of the closure mechanism and the outer housing (60) has a plurality of through-openings, so that the recesses 7 (a, b) of the closure (1) are inserted linearly from bottom to top into the openings (61 a, b) of the outer housing and form a plane overall surface with the surface of the outer housing (60)~~.

2. Installation element according to Claim 1, ***characterized in that*** in order to open the through-opening the drive unit (50) moves the closure mechanism first linearly and then rotationally.

3. Installation unit according to any one of the previous claims, ***characterized in that*** in order to close the through-opening the drive unit (50) moves the closure mechanism first rotationally and then linearly.

4. Installation unit according to any one of the previous claims, ***characterized in that*** when opening the closure mechanism the drive unit (50) tensions a spring which supports or causes the movement when closing the through-opening.

5. Installation unit according to any one of the previous claims, ***characterized in that*** when closing the closure mechanism the drive unit (50) tensions a spring which supports or causes the movement when opening the through-opening.

6. Installation unit according to any one of the previous claims, ***characterized in that*** the drive unit (50) moves the closure mechanism linearly and rotationally by means of a rotational movement.

~~6~~7. Installation unit according to any one of the previous claims, ***characterized in that*** the drive unit (50) has an electromagnet which moves the closure mechanism linearly.

~~7~~8. Installation unit according to any one of the previous claims, **characterized in that** the outer housing (60) is reversibly connected to the base housing.

9. Installation unit according to any one of the previous claims, ***characterized in that*** a plurality of electrical plug sockets are arranged in the base housing and the outer housing (60) has a plurality of through-openings, wherein the drive unit (50) is arranged between the plug sockets.

~~8~~10. Installation unit according to any one of the previous claims, **characterized in that** the control signal is generated by an electric field change.

~~9~~11. Installation unit according to any one of the previous claims, ***characterized in that*** the control signal is generated by simply touching the outer housing (60).

~~10~~12. Installation unit according to any one of the previous claims, **characterized in that** the control signal is generated by an acoustic input.

~~11~~13. Installation unit according to any one of the previous claims, **characterized in that** the control signal is generated by a light sensor.

~~12~~14. Installation unit according to any one of the previous claims, **characterized in that** the control signal is generated via a connection to a Smart Home application.

~~13~~15. Installation unit according to any one of the previous claims, ***characterized in that*** when a plug is inserted the initiation of the drive unit (50) is interrupted by a control signal.

~~14~~16. Installation unit according to any one of the previous claims, ***characterized in that*** the closure (10) has stop surfaces (2 a,b) and guide surfaces (3 a,b) and the base housing (10) has stop surfaces (11 a,b) and guide ribs (14 a,b) and, when the closure (1) is opened, the stop surfaces (2 a,b) of the closure (1) execute a translational downward movement complementary to the stop surfaces (11 a,b) of the base housing (10) until the guide surfaces (3 a,b) of the closure (1) can protrude under the guide ribs (14 a,b) of the base housing (10).

~~15~~17. Installation unit according to Claim ~~14~~16, ***characterized in that*** during a rotational movement of the closure (1) the guide surfaces (3 a,b) of the closure (1) slide along under the guide ribs (14 a,b) of the base housing (10).

~~16~~18. Installation unit according to any one of Claims ~~14~~ 16 or ~~15~~17, ***characterized in that*** the closure (1) has a recess (7 a,b), the height of which is less than the thickness of the guide ribs (14 a,b) of the base housing (10).

~~17~~19. Installation unit according to any one of Claims ~~15~~ 17 or ~~16~~18, ***characterized in that*** the base housing (10) has stop ribs (13 a,b), which limit the rotational movement of the closure (1) during opening.

~~18~~20. Installation unit according to any one of the previous claims, ***characterized in that*** the base housing (10) has stop ribs (12 a,b), which limit the rotational movement of the closure (1) during closing.

~~19~~21. Installation unit according to any one of the previous claims, ***characterized in that*** the closure (1) has stop surfaces (4 a,b) and guide surfaces (3 a,b) and the base housing (10) has stop surfaces (12 a,b) and, upon closing the closure (1), the stop surfaces (4 a,b) of the closure (1) come into contact in a complementary manner to the stop surfaces (12 a,b) of the base housing (10) and the closure (1) executes a translational downward movement until the guide surfaces (3 a,b) of the closure (1) come into contact with the inside of the outer housing (60).

~~20~~22. Installation unit according to any one of the previous claims, ***characterized in that*** the base housing (10) has through holes (16) and a sensor circuit board (53), which is arranged in the base housing (10) in the region of said through holes (16) outside the active circle of the movable closure (1).

~~21~~23. Installation unit according to Claim ~~20~~22, ***characterized in that*** the outer housing (60) is metallic and connected to the sensor circuit board (53) in an electrically conductive manner.

~~22~~24. Installation unit according to any one of the previous claims, ***characterized in that*** the closure (1) has an electronic timer element which closes automatically after a specified time without actuation.

~~23~~25. Installation unit according to any one of the previous claims, ***characterized in that*** it has a microswitch (76) and the outer housing has plug socket inserts (65) for a plug (75) and the insertion of a plug (75) into one of the plug socket inserts (65) opens the microswitch (76), which interrupts the control circuit of the electronics and thus prevents the closure from being closed when the plug (75) is inserted.

~~24~~26. Installation unit according to Claims ~~22~~ 24 and ~~23~~25, ***characterized in that*** the removal of the plug (75) from one of the plug socket inserts (65) closes the microswitch (76) and thus activates the control circuit of the electronics and automatically closes the closure (1) via the timer element without actuation.