Title (en)

SLIDER SWITCH AND THERMOSTAT CONTROLLER USING THE SAME

Title (de)

SCHIEBESCHALTER UND THERMOSTATREGLER DAMIT

Title (fr)

COMMUTATEUR À GLISSIÈRE ET DISPOSITIF DE COMMANDE DE THERMOSTAT L'UTILISANT

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2012012937A1] A slider switch and a thermostat controller using the same are provided. The switch comprises a base (30), a slider (10), several pins (20) arranged in two rows, and a contact element (12) for electrically connecting a pair of neighboring pins in the same row. A first elastic element (34) and a contact sheet (32) are provided along the glide direction. One end of the first elastic element is connected with the base, the other end of the first elastic element is connected with the contact sheet, and one end surface of the slider adjacent to the contact sheet can be pressed against the contact sheet from a direction opposite to the first elastic element. When each of the contact elements is in contact with a pair of the pins closest to the contact sheet, the contact sheet is separate from the two pins closest to the contact sheet with the pressure from the slider; and when each of the contact elements is in contact with other pins of pins other than those closest to the contact sheet, the contact sheet is pressed against the two pins closest to the contact sheet by the first elastic element. The slider switch can be used for fan control in the thermostat controller as well as occasions requiring switch and connection among multiple circuits.

IPC 8 full level

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