

Title (en)

SAFETY SWITCH WITH UNLATCHING DISC

Title (de)

SICHERHEITSSCHALTER MIT ENTRIEGELUNGSSCHEIBE

Title (fr)

INTERRUPTEUR DE SECURITE A PLAQUE DE DEBLOCAGE

Publication

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Application

EP 02719785 A 20020208

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Abstract (en)

[origin: WO02065496A1] The invention relates to a device with which an electrical connection is switched in accordance with the condition of a device to be monitored, especially to a safety switch (1) for a protective device. Said safety switch comprises a housing (2, 3) in which a switch disc (7) is mounted to be rotatable about an axis (8) and into which an actuator (5) for triggering the switching process can be inserted. The switch further comprises a latching device for blocking the switch disc (7), said latching device having a latching element (12a, 12b) which is guided in the switch disc (7) and movable against the effect of a first energy accumulator (11). In a position in which it blocks the switch disc (7) the latching element (12a, 12b) engages with an associated recess (13a, 13b) in the housing (2, 3). The inventive switch is further characterized in that the latching device comprises a rotatable unlatching element (14a, 14b) disposed beside the switch disc (7), which can be rotated relative to the switch disc (7) when the actuator (5) is inserted. When the unlatching element (14a, 14b) is rotated, the latching element (12a, 12b) is slid back parallel to the axis (8) into the switch disc (7) against the effect of the first energy accumulator (11), thereby placing it in the deblocking position.

IPC 1-7

H01H 27/00

IPC 8 full level

H01H 27/00 (2006.01)

CPC (source: EP US)

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