Title (en)

ELECTRICAL OVERCURRENT RELAY HAVING A ROCKER WHICH IS BORNE SUCH THAT IT CAN PIVOT

Title (de)

ELEKTRISCHES ÜBERLASTRELAIS MIT EINER SCHWENKBAR GELAGERTEN WIPPE

Title (fr)

RELAIS ÉLECTRIQUE POUR SURCHARGE AVEC UNE BASCULE MONTÉE PIVOTANTE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2010054739A1] The invention relates to an overcurrent relay, having a rocker (20) which is borne such that it can pivot and on which at least one moving contact piece (11) of a contact point (12) is borne, wherein, in the event of an overcurrent, the rocker changes from a first closed position to a second closed position as a result of the influence of a thermal release, and having a switching device (40), which can be switched between a first and a second position, for manual or automatic resetting of the rocker from the second closed position to the first closed position, wherein a. the rocker is held by a snap-action spring in its first or second closed position and can snap over between the two closed positions, via a dead-centre position, against the resetting force of the snap-action spring, wherein b. a function spring interacts with the rocker such that it assists the rocker in snapping over from the first closed position to the second closed position, and wherein c. the function spring can enable or inhibit the rocker snapping back from the second closed position to the first closed position, under the influence of the switching device.

IPC 8 full level

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CPC (source: EP)

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