

Title (en)
THERMAL OVERCURRENT CIRCUIT BREAKER

Title (de)
THERMISCHER ÜBERSTROMSCHUTZSCHALTER

Title (fr)
DISJONCTEUR THERMIQUE DE SURINTENSITÉ

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Application
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Abstract (en)
[origin: WO2015120951A1] The invention relates to a thermal overcurrent circuit breaker (1) having a switch housing (2) in which a thermal expansion element (30) and a snap-action switching mechanism (25, 26, 29, 30), which is coupled to said thermal expansion element and can be manually operated, and also a moving contact (27), which interacts with said snap-action switching mechanism, and a fixed contact (28) are arranged, said fixed contact being connected to a first connection rail (7) while contact is made with the moving contact (27) by a second connection rail (7) by means of the thermal expansion element (30). The switch housing (2) has a number of connection chambers (3, 4, 5) in which in each case one of the connection rails (7) is arranged, wherein a two-limb spring element (6) for making clamping contact with a connection line (18), which is guided into the connection chamber (3, 4, 5) via a first housing opening (12) and has the connection rail (7), is arranged in each connection chamber (3, 4, 5).

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