

Title (en)

QUICK BREAK MICRO-SWITCH WITH WEDGE PROFILE ON THE CONTACT LEVER SWIVELLINGLY MOUNTED IN THE SWITCH

Title (de)

MIKROSCHALTER ALS SCHNAPPSCHALTER MIT KEILPROFIL AM IN DEM SCHALTER SCHWENKBAR GELAGERTEN KONTAKTHEBEL

Title (fr)

MICRO-INTERRUPTEUR INSTANTANE A PROFILE CUNEIFORME SUR LE LEVIER DE CONTACT PIVOTANT DANS L'INTERRUPTEUR

Publication

**EP 0786143 B1 19990107 (DE)**

Application

**EP 95939234 A 19951013**

Priority

- DE 4436979 A 19941015
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Abstract (en)

[origin: DE4436979A1] A quick break switch has a spring accumulator and a wedge profile. In conventional switches, the wedge profile is secured to the end of the contact lever that forms the moving switching piece. Because the contact lever (1) is heated by high-intensity currents that flow through it, the wedge profile (8) is also heated and switching may be slowed down. This in turn causes the wedge profile (8) to be further heated. The object of the invention is to arrange the wedge profile there where a low thermal effect is expected. For that purpose, the wedge profile is prestressed against the contact piece (4), whereas the contact lever (1) is a simple sheet metal part whose end sweeps the wedge profile (8).

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