

ABSTRACT

MANUFACTURING AND MOUNTING METHOD OF ELECTRICAL CONTACTS FOR
CONTROL MEMBERS OF SMALL DIMENSIONS, IN PARTICULAR FOR THE
HOROLOGICAL FIELD

There is disclosed a method for manufacturing and mounting electric contacts for control members of small dimensions, particularly for control members used in the horological field. This method includes the following steps: a) stamping and pre-shaping a plate of electrically conductive material for forming an intermediate base plate (200) including a support structure (25) and a plurality of electric contact strips (21 to 24) still mechanically connected to said support structure by a plurality of points of attachment (21d to 24d), each electric contact strip including a base (21a to 24a) and a flexible extension (21b to 24b) connected to said base to form a mobile part of an electric contact that can be actuated by a control member (1), b) positioning the intermediate base plate (200) on a first support piece (7) electrically insulated from said electric contact strips, c) fixing onto said first support piece a second support piece (4) electrically insulated from said electric contact strips such that each of said electric contact strips is held between said first and second support pieces via its base and d) breaking said plurality of points of attachment connecting the plurality of electric contact strips to said support structure such that all of the electric contact strips are made independent and electrically insulated from each other.

Figures 3b and 3f