

[Abstract]

NON-CONTACT SELECTION SWITCH

The present invention relates to a non-contact switch which is used for an elevator or general automatic doors, and comprises: buttons B including a push button or an optical sensor button for selecting an elevator movement or opening an automatic door; a pair of long sensor blocks 10, which are installed adjacent to or above the push button and arranged so as to face each other with a gap 12 equivalent to the width of one to two human fingers therebetween; and a plurality of sensors S which are installed in a single file on the surfaces of the sensor blocks that face each other, wherein a sensor detects movement of a human finger moving with the gap 12 at or above a predetermined length or at or above a predetermined speed and selects an upward or downward movement for a destination floor for the elevator or opens the automatic door.

Fig. 2