

MULTI-DIRECTIONAL OPERATING SWITCH

ABSTRACT OF THE DISCLOSURE

A multi-directional operating switch for use in various kinds of electronic equipment, and the switch comprises: an insulation substrate (1) employing a plurality of stationary contacts (2A-2E) on an upper surface thereof; an elastic contactor body (13) disposed on the insulation substrate (1) and having a plurality of domed portions (13A-13E), which is provided with movable contacts each confronting with the stationary contacts (2A-2E), on a lower surface at a center and outer periphery, and one of the domed portions (13A-13E) at the center further having a hole in an upper surface; a manipulation body (15) of which a tip of protuberant part at a lower center surface is press-fitted into the hole in the upper surface of the domed portion at the center of the elastic contactor body (13), and having a plurality of depressing limbs (15A-15E) around the lower peripheral surface for depressing the domed portions (13A-13E) at the outer periphery of the elastic contactor body (13) when being tilted; and a case (16) having an opening for a center area of the manipulation body (15) to pass through, and for covering an upper surface of the manipulation body (15) while maintaining a predetermined space in order to avoid said case from touching with the manipulation body (15) when the manipulation body (15) is in a neutral position and when it is tilted.

FIG. 1