

ABSTRACT

The objective of the present invention is to provide a vacuum valve pressure diagnostic device allowing for a reduction in size of a vacuum valve, with improved safety and reliability for a switching device equipped with the vacuum valve. In order to achieve the above objective, the present invention provides a pressure diagnostic device which diagnoses the pressure in a vacuum valve that has therein a vacuum container wherein the interior is a vacuum, a plurality of contact points (10, 11) that are disposed inside the vacuum container and can be brought into mutual contact or separated from one another, and a floating potential metal (6) electrically insulated from the contact points (10, 11), said pressure diagnostic device being characterized in that: the pressure diagnostic device comprises an insulator group constituted by connecting at least some of a plurality of insulators (13, 14) in series, and an electric potential meter (15) connected between the plurality of insulators (13, 14); for at least one insulator (13) located on the side close to the floating potential metal (6) within the insulator group, the distance to the floating potential metal (6) is changed to a shorter distance at the time of pressure diagnosis; and the insulator (14) which is different from the at least one insulator (13) located on the side close to the floating potential metal (6) within the insulator group is connected at the time of pressure diagnosis to a potential fixing point.

[Figure 1 for publication]