

SURGE VOLTAGE ABSORBING APPARATUS

ABSTRACT

The surge protective apparatus includes a first surge voltage absorbing circuit (13) including a first surge voltage absorbing element (MOV 102 in SPD 13) having a couple of terminals and coming to a conductive state when a predetermined voltage or more is applied to the couple of terminals; a relay contact (24); and a second surge voltage absorbing circuit (14, 24) connected in parallel to the first surge voltage absorbing circuit (13), and including a second surge voltage absorbing element (MOV 102 in SPD 14) connected in series to the relay contact and coming to a conductive state when the predetermined voltage or more is applied to the second surge voltage absorbing element; and a control circuit configured to keep the relay contact (24) turned off before detecting the first surge voltage absorbing circuit (13) exhausted (a state signal S13 comes to an Off state) and configured to turn on the relay contact (24) when detecting the first surge voltage absorbing circuit exhausted.

Selected Figure: Figure 2A