

SURGE-VOLTAGE ABSORBING APPARATUS

ABSTRACT

A surge protective apparatus is provided to allow for high maintainability that
5 includes at least three surge absorbing units for use in a three-phase voltage system,
each surge absorbing unit having: a first and second surge-voltage absorbing circuits
that include a first and second surge-voltage absorbing elements, respectively, each
being in a conducting state when a voltage across both ends thereof is equal to or
10 higher than a predetermined voltage, and being inserted between two lines where a
surge voltage can occur; and a first and second relay contacts that insert the first
and second surge-voltage absorbing circuits, respectively, between the two lines
when the first and second relay contacts are respectively in an ON-state, and further
includes a control circuit that sets the second relay contact in each of the surge
15 absorbing units to an ON-state upon detecting the first surge-voltage absorbing
circuit being in an exhausted condition.

Representative drawing: FIG. 2A