

ABSTRACT

AIR CONDITIONER

An air conditioner includes an outdoor device (1) and an indoor device (2). The outdoor device (1) includes an outdoor control unit (16) operated at the voltage of a smoothing capacitor (14); a power-supply switching relay (20) to which a signal line (26) is connected; an inrush-current preventing-relay drive unit (21) operated when single-phase AC power is supplied between a power-signal common line (25) and the signal line (26) via an outdoor activation relay (8) and the power-supply switching relay (20); a first inrush-current preventing relay (10) connected in parallel with a power supply relay (12) and controlled by the inrush-current preventing-relay drive unit (21); and a second inrush-current preventing relay (13) connected in parallel with the first inrush-current preventing relay (10) and controlled by the outdoor control unit (16). The outdoor control unit (16) closes the second inrush-current preventing relay (13) when the external power supply is interrupted.

FIG. 1