

The proposed device for applying current to a number of electric circuits differs in that it contains light-emitting and switching units that provides for excluding time limits in polling the switches and, as the result, allow the reliability of the circuit switching to be increased. The proposed device contains a power supply unit, a resistor, two start circuits, a light-emitting unit, a controller, and a switching unit. The first terminal of the switching unit constitutes the output of the device. The control inputs of the start circuits are connected to the controller outputs. The first terminal of the resistor is connected to the power supply unit. The first terminal of the light-emitting unit is connected to the second terminal of the resistor. One of the terminals of the first start circuit is connected to the second terminal of the switching unit. The first terminal of the switching unit is connected to the power supply unit. The first terminal of the second start circuit is connected to the second terminal of the resistor. The second terminal of the light-emitting unit is connected to the second terminal of the first start circuit.