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(54) **PROTECTIVE CIRCUIT AND SWITCH CONTROL DEVICE**

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(57) **ABSTRACT**

A protective circuit that protects a semiconductor switch includes a group of terminals consisting of either one or more input terminals and two or more output terminals, or one or more output terminals and two or more input terminals, a first resistive circuit, connected to one of the terminals, comprising a resistor having a first temperature coefficient of resistance; and a second resistive circuit, connected to another one of the terminals, comprising a resistor having a second temperature coefficient of resistance different in temperature characteristics from the first temperature coefficient of resistance. The protective circuit is electrically connected to a control terminal of the semiconductor switch, and shuts off a passing current of the semiconductor switch when a temperature of the semiconductor switch is equal to or higher than a current shut-off temperature.