pin and the sixth pin is turned off.

4. The on-off apparatus according to claim 3, wherein the on-off module comprises a first load, a second load, a second unidirectional conduction module, a third load, a third unidirectional conduction module and a control module;

the control module is connected to the control pin, and the control module is connected between the third pin and the first load, or the control module is connected between the fourth pin and the second load, and is configured to turn on or off the path between the third pin and the fourth pin under the control of the control signal;

the second unidirectional conduction module is connected between the first load and the third load, and the third unidirectional conduction module is connected between the third load and the second load;

the first pin is arranged at a connection point between the second unidirectional conduction module and the third load, and is connected to the first DC isolating component;

the second pin is arranged at a connection point between the first load and the second unidirectional conduction module, and is connected to the second DC isolating component;

the fifth pin is arranged at a connection point between the second load the third unidirectional conduction module, and is connected to the third DC isolating component;

the sixth pin is arranged at a connection point between the third load and the third unidirectional conduction module, and is connected to the fourth DC isolating component;

the second unidirectional conduction module is configured to turn on the path between the first pin and the second pin when the path between the third pin and the fourth pin is turned on, and to turn off the path between the first pin and the second pin when the path between the third pin and the fourth pin is turned off;

the third unidirectional conduction module is configured to turn on a path between the fifth pin and the sixth pin when the path between the third pin and the fourth pin is turned on, and to turn off the path between the fifth pin and the sixth pin when the path between the third pin and the fourth pin is turned off.

5. The on-off apparatus according to claim 4, wherein the second unidirectional conduction

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module comprises a second PIN diode; and the third unidirectional conduction module comprises a third PIN diode.

6. The on-off apparatus according to claim 4, wherein the first load, the second load and the third load have the same resistance value, and a resistance value of the first load, a resistance value of the second load and a resistance value of the third load are greater than a predetermined value.

7. The on-off apparatus according to claim 2, 4 or 5, wherein the first load has the same resistance value with the second load, and a resistance value of the first load and a resistance value of the second load are greater than a predetermined value.

8. The on-off apparatus according to any one of claims 1 to 6, further comprising a filter component, wherein an end of the filter component is electrically connected to a connection point between the DC power supply and the third pin, and another end of the filter component is connected to the ground end.

9. An electronic device, comprising a coil, a chip having a contactless function and the on-off apparatus according to any one of claims 1 to 8, wherein the coil is connected to the AC input end (or port) of the on-off apparatus, and the chip having the contactless function is connected to the AC output end (or port) of the on-off apparatus.

10. The electronic device according to claim 9, further comprising a rectifying apparatus,

wherein the rectifying apparatus is electrically connected to the coil, and comprises an input end and an output end, the input end of the rectifying apparatus is electrically connected to the coil and is configured to receive an AC signal output by the coil, and the output end of the rectifying apparatus is configured to output electric energy.

11. The electronic device according to claim 10, wherein the output end of the rectifying apparatus is electrically connected to the on-off apparatus and is configured to provide the DC power supply for the on-off module.

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