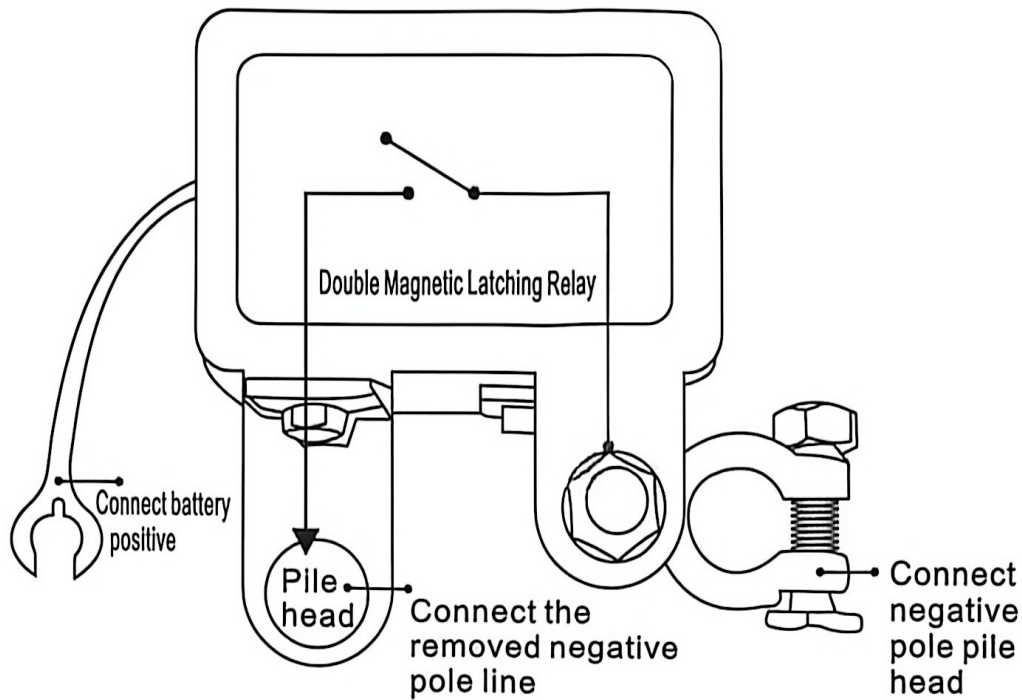


Remote Battery Disconnect Switch

1.Schematic Diagram



2. Technical Specifications

Working voltage range: 6-14VDC / 19-28V DC

Automatic power off voltage: $11.8\pm 0.2V/23\pm 0.4V$

Rated current of switch: 240A

Inrush current of switch: 500A

Low-voltage delay disconnection : 120S

Standby current : 3mA

Operating temp : $-20^{\circ}C\sim 85^{\circ}C$

Compatible battery voltage : 12V/24V

3. Notes

The product operates within the range of 6V-13.7V/DC19-26.3V for normal and remote control of the magnetic latching relay. When the power supply voltage drops below 11.8V/23V, an alarm prompt tone is issued after a delay of 60 seconds, and the magnetic latching relay is turned off after 120 seconds. If the voltage exceeds 13.7V/26.3V, the remote control function of the product is disabled to prevent accidental triggering during driving, which could cause the vehicle to lose power.

FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.