

# 30A 1-6s Electronic Switch PWM

## 3.7-27V Input

### Description:

This module is a nice little relay switch controlled by a spare auxiliary channel on your receiver. Ideal for switching lights, sound, and any other auxiliary electrical items. When PWM duty is more than 1500us, the switch will turn on; when PWM duty is less than 1400us, the switch will turn off.

Normal mode: The module can read a pulse width that can range from 400 to 2600us. If the width of the pulse is more than 1800us, the MOSFET switch will close, if less than 1200us, the MOSFET switch will open.

Safe-protection function This module has a safe-protection feature that reduces the likelihood of unexpected activation. In the below 2 conditions the Safe-protection mode will active:

1. The pulse is more than 1800us at first power-up, the MOSFET switch open. The LED will blink, you should move the input to the off position, then normal more will active ;
2. The signal is bad continuously for 500ms, the MOSFET switch is open. The LED will blink. When the signal is good, the device will deactivate safe-protection mode. LED Normal mode:

the LED will on when input pulse  $>1800\mu\text{s}$ ; the LED will off when input pulse  $<1200\mu\text{s}$

Safe-protection mode:The LED will fast blink 30A RC

Controlled Switch: Large current, high reliability, supports high voltage receivers, compact size, lightweight. 18AWG silicone wires for power, super-soft silicone wires for the signal as well.When the switch is turned on, there is an LED light indicating that the current cannot exceed the nominal value, otherwise, the wire may be heated or burned.

## **Features:**

- 1.Applied to remote control model car aeroplane Lightbar Light on and off Application is simple and convenient – Insert switch channel.
- 2.Power switch for various power supply and controlled equipment (disconnected to the positive pole, common negative).
- 3.Electronic ignition, the output stage can be connected to the resistance heating wire.
- 4.The electric start control increases the relay and the water pump switch.
- 5.The wire adopts high current 18AWG silica gel wire, the plug is JST head (input female, output male), the signal wire is also

made of super-soft silicone wire material, the total length of the power cord is about 20CM, the switch weight is about 11G.

6.Support High Voltage (HV) Receivers

7.Suggest 2 section control, ON/OFF stroke takes half of the travel for each.

## **Package Includes :**

1 x 30A 1-6s Electronic Switch PWM 3.7-27V Input





