

# GRADE CROSSING FLASHER

## Parameters:

- suitable for a grade crossing
- outputs for alternately flashing LEDs as warning lights
- output for single flashing LED as free crossing
- power supply: 6-15V DC
- input for a switch, reed relay, or infra gate
- flashing frequency: 1 Hz
- suitable for lights with common anode
- output voltage: same with the input voltage
- output current: 400mA / output (altogether 1200 mA)
- size: 30 x 22 mm (1,18" x 0,91")

## Description:

After the power supply is connected, the bulb or LED connected to output 3 starts flashing, indicating free crossing.

As soon as the inputs S and 0 (ground) are shorted, the input S goes to the low level, the bulbs or LEDs connected to the outputs 1 and 2 start to flash alternately. This state lasts as long as input S is connected to the ground (minus).

A switch, reed relay, infra gate, or Hall sensor can also be connected to input S to change sequences.

**It is recommended to use a heat sink (for circuit 7805) at higher voltages. Use only DC voltage! When using LEDs, use a resistor to the common plus leg (its value depends on the supply voltage)!**

