

FUSED 12V
CIRCUIT

12vdc+

12vdc-

12V
Power Source



MAGNETIC REED PROXIMITY SWITCH

NORMALLY OPEN (NO) = 12vdc electricity is flowing when the magnet is NOT near the switch. This is the position most installs will use as electricity is flowing to the lights when the door is open.

12V LED STRIP

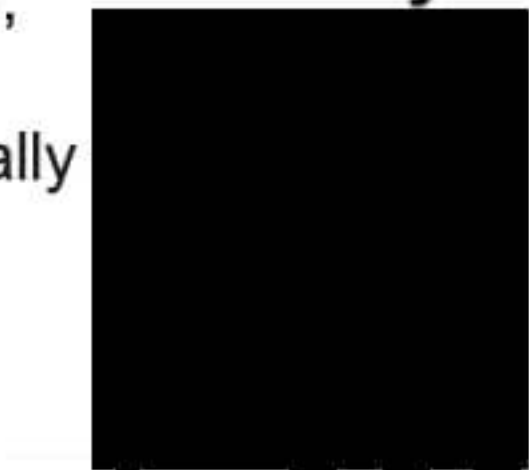
AMPERAGE ALERT!

Be mindful of the amperage draw. These reed switches are not designed to handle more than .86 amps at 12vdc (10 Watts). Add a relay if amperage draw is higher.

Wiring diagram using a 12vdc relay and a magnetic reed switch. In this diagram, 12vdc electricity is flowing when the magnet is NOT near the switch. Normally Open position.



Relay



LED STRIP

fuse

fuse

Important that the wire gauges connecting poles 2, 3 and 4 be appropriately sized to support the amperage draw of the circuit.

- 1 = 12vdc trigger wire in to relay (milliamps)
- 2 = 12vdc+ hi-amp input to relay
- 3 = 12vdc negative hi-amp to ground
- 4 = 12vdc+ hi-amp to led strip



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Ground