2-wire Switches Technical Data



- Douglas 2-wire switches are a distinctive and attractive group of products designed to satisfy practically any requirement. Switches can be grouped to form compact, unobtrusive switch stations.
- Up to 3 switches can be fit into a single gang box. If more switches are required, use multi-gang boxes. A complete range of stock cover plates and mounting hardware is available for all sizes up to 5 gangs.
- Connect Douglas 2-wire switches directly to any model of Douglas relay or connect to switch inputs on Douglas control devices (relay scanners, photocell override, etc.).

2-wire Rocker Switch

WR-8001

Technical Data



PART No.

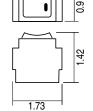
WR-8001

Rocker Switch

DESCRIPTION

- DIMENSIONS
- Rocker switch for Douglas relays and switch inputs. Press rocker to one side for ON and to other side for OFF.
- The WR-8001 can control up to 8 relays (Sw rating: 3A). Check wire length chart for wire runs greater than 150 feet (50m).
- Use WN-3700 mounting strap to install up to 3 switches into a 1 gang wall box.

 Rocker switch made from offwhite plastic.
Black dot marks which side is to be pressed for ON.



2-wire LED Switch

WR-8501, WR-8503

Technical Data





PART No.

WR-8501 1 switch

WR-8503 3 switch module

DESCRIPTION

- LED indicating pushbutton switch for Douglas 2-wire relays and switch inputs. Press button once for ON, press again for OFF.
- The WR-8501 & 03 switches control up to 4 relays. (Sw rating: 1.5A). Check wire length chart for wire runs greater than 150 feet (50m).
- LED's show status of the connected relay or input. Red LED indicates ON and green locator LED indicates OFF.
- The LED's consume 4mA of power. If a large amount of switches (>100) are connected to the same transformer, check transformer loading.
- Use WN-3700 mounting strap to install up to 3 WR-8501 switches into a 1 gang wall box.

A mounting strap is built into the WR-8503 and a WN-3700 is not required.

 All 3 switches of the WR-8503 obtain the input power from a common terminal. ○ < White ○ → Red 1 ○ → Red 2 ○ → Red 3

WR-8503 Common Connection for Power

DIMENSIONS

• Switch made from off-white plastic.

