

# Rocker Switch

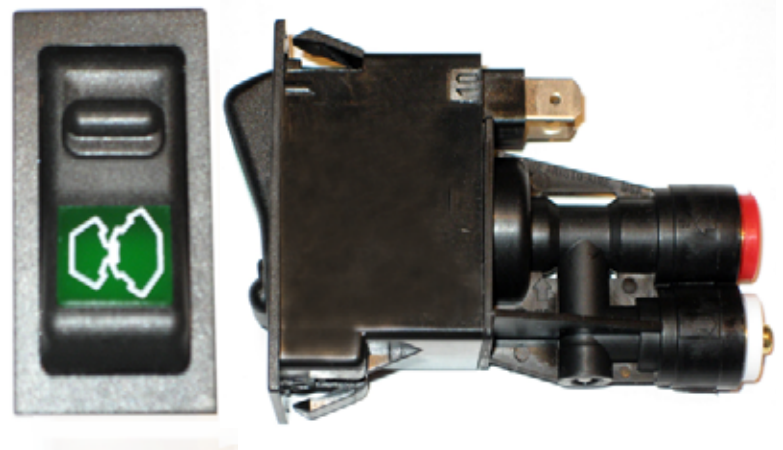
## 12V & 24V Electric Rocker Switches / Pneumatic Rocker Valve

Universal Rocker Switches are strong, reliable, and especially suitable for use in rugged environments. Rocker switches are available in locking and non-locking versions, single and double throw, single and double pole, and momentary actuation. Options include 12V or 24V incandescent or LED lighting and a wide variety of standard international lens symbols are available.

Pneumatic Rocker Valve is available in illuminated and non-illuminated configurations, locking and non-locking, two position-three way and three position-three way, or momentary actuation.



Electric Rocker Switch



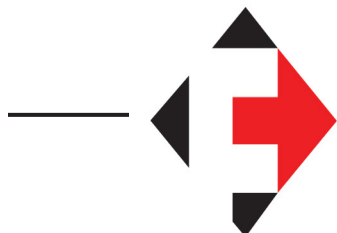
Pneumatic Rocker Valve

### Specifications:

Electrical performance: From 20mA to 16A @ 12V  
From 20mA to 10A @ 24V  
Dust and spray-water protected to IP 67 according to DIN40050  
48 hour corrosion tested to DIN50021-SS  
Switch visual range per E.C.E. Reg. 21  
Temperature stability: -40 degrees C to 80 degrees C

### Specifications:

Operating pressure: 80 to 150 psi  
Temperature range: -40 degrees F to 185 degrees F  
Humidity range: 5% to 95% RH  
Durability: 40,000 cycles



# MS FOSTER

SERVING THE TRANSPORTATION INDUSTRY

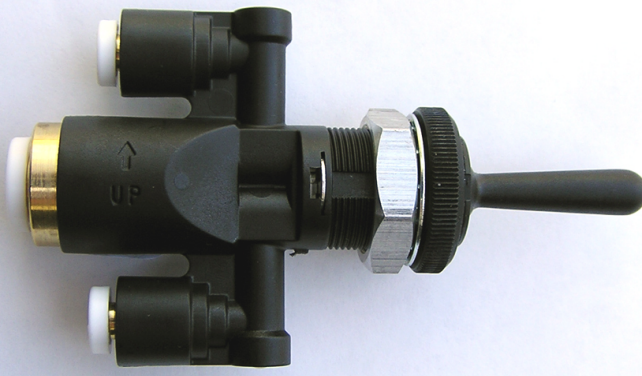
1040 Highway 212  
Michigan City, IN 46360

OFFICE 219.879.9225  
TOLL FREE 888.452.4053  
FAX 219.879.9313

sales@msfoster.com  
www.msfoster.com



521 Series Rocker Switch



Pneumatic Toggle Valve



Rocker Valve



511 Series Rocker Switch

Basic Rocker Switch configurations are available with several options to meet most customer's requirements. Lighting options are: no lamp, general lighting (without diffuser), locating lighting (solid diffuser), or locating & function lighting (window diffuser). Other accessories include; Mounting Frames, Transparent Protective Covers, Connector Housings and Crimp Terminals. Pilot Lamp assemblies are available with or without lamp reflectors. Switch assemblies are most commonly ordered with the desired lens/symbol inserted, but the customer can do this installation by simply snapping the lens into the rocker. Lenses are available with symbols rotated in any of four orientations and in five standard colors. Lenses fit product line 511 through 531 and icons are produced by silk-screen or hot-stamping. A wide variety of standard international lens symbols are illustrated in our Rocker Switch Lens catalog. Lenses for the 533 product line are laser etched into the rocker face. Customers may consult M.S. Foster & Associates, Inc. for engineering assistance, custom lens icon design, and standard lens availability. All specifications subject to change for the improvement of the product.

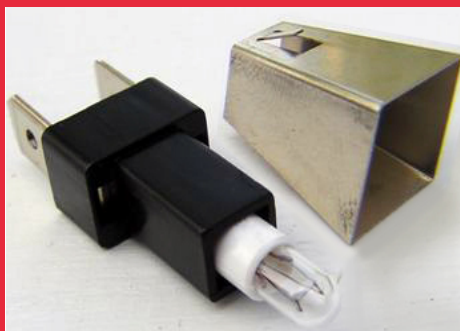


- 511 have smooth retaining clips. They are illuminated with incandescent lamps.
- 512 are identical to 511 switches except that the retaining clips are corrugated. They are suitable for use under rough conditions where the switch must be firmly fixed in the dash. Switches are not removable from the front.
- 516 have corrugated retaining clips like 512's, but designed to fit Packard-style connectors.
- 521 are identical to 511 switches, but have newer ergonomic rocker design. Lens size is the same as 511 switches. No locking versions are available in 521 switches. They are illuminated with incandescent lamps.
- 523 are identical to 521 switches, except for the illumination. They are illuminated with LEDs instead of incandescent bulbs.
- 524 are identical to 521 switches, but with corrugated retaining clips. They have the Ergonomic rocker and illumination is incandescent bulb.
- 531 have the Ergonomic rocker. LED lighting replaces incandescent bulbs. No locking versions are available. Mounting dimensions are the same as the 511 switch, but the 531 switch is less deep than the 511 switch.
- 533 have unitary rockers and laser etched symbols. The mounting dimensions are the same as 511-type, but 533 switches are less deep than 511 switches. 511 series lenses will not fit 533 series switches.

Pneumatic Rocker Valve is available with push-to-connect pneumatic fittings for 1/8" and 1/4" nylon (DOT) tubing. Two position-three way valve is available with one-way 'lock-off' feature. Three position-three way valve is spring centered 'off' with momentary supply. Contact M.S. Foster & Associates, Inc. for application engineering assistance and product availability. All specifications subject to change for the improvement of the product.



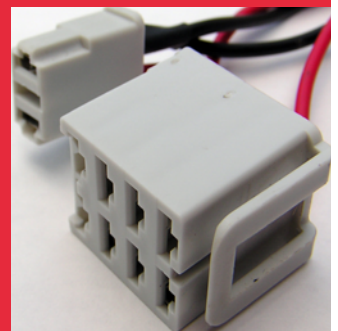
Pilot Lamp Assembly



Optional Lamp and Diffuser



Standard Lens Colors



Connector Housings