

MCS-604 MERCURY WETTED REED SWITCH

Installation & Operating Instructions

P-364
819-0498



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⚠ WARNING Failure to follow these instructions may result in product damage, equipment damage, and serious or fatal injury to personnel.

Features

- Clean, sharp output pulse for counting, synchronizing and timing.
- Hermetically sealed, mercury wetted contacts lowers resistance and eliminates contact bounce and multiple pulses.
- Service life in excess of one billion cycles.
- Actuated by presence of a magnet—no contact with moving parts.
- Packaged and encapsulated in solid aluminum—easy to mount with convenient hook-up terminals.
- Vibration resistant.
- Compatible with Warner power supplies and motion control system.

Technical Data:

<u>Contact Rating</u>	<u>Dimensions</u>
1 AMP, 50 Watts DC	1" high, 1/2" wide 2"
or	deep
50 volt-amp AC	Mounting
Normally open	1" centers for no. 6 screws

Mounting Information

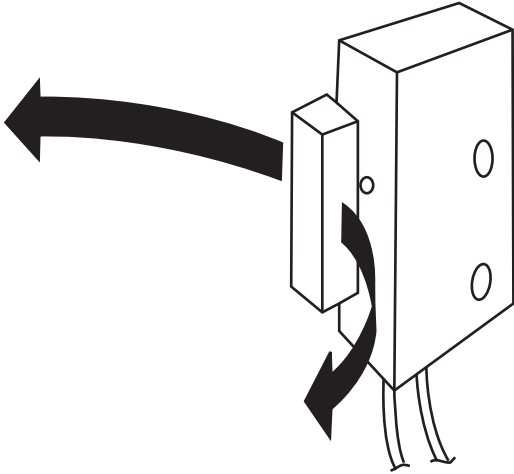
1. Mount switch on non-magnetic material within 30 degrees of vertical with the terminals down.
2. The magnet must move past the switch so the axis of the magnet and the axis of the switch are parallel and the direction of motion is perpendicular to the axis of the switch. The center of the magnet must pass the small dot

on the case of the reed switch. The air gap between the magnet and switch should not exceed 1/16" when using the 1/8" magnet or 1/8" when using the 1/4" magnet.



Two actuating magnets available:

- 1/8" square by 3/4", part no. 8062-000-001
- 1/4" square by 1-1/8", part no. 8063-000-001



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