

Wiring a Magnetic Contact Switch (MCS)

Red wire

The limit switch wires inline between the common and your auxiliary device (photoeyes or reversing edge)
Diagram is shown for photoeyes.

The purpose of the Magnetic Contact Switch (MCS) is to turn off the power to auxiliary devices such as photoeyes and reversing edges. When your door is in the fully down position, and something accidentally breaks the photoeye beam, the door won't go back up. With a pneumatic safety edge, the MCS prevents the door from reopening falsely once the door is fully closed.

Step 1: Mount limit switch on door according to enclosed directions.

Step 2: Remove the common wire connection from the 11 pin socket, located at the #2 position.

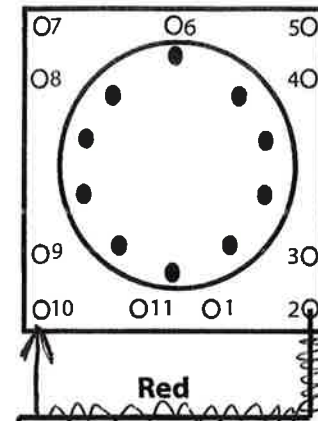
Note: DO NOT REMOVE THE JUMPER TO THE #1 POSITION

Step 3: Wire nut the BLACK wire from the limit switch to the common from the terminal that was attached to the #2 position on the 11 pin socket.

Step 4: Attach the RED wire from the limit switch to the #2 position on the 11 pin socket. The white wire is not used in this application.

Step 5: Test limit switch by closing the door, when the door is approximately 6 inches from the floor place an object in front of either photoeye. The door should continue down and close. If the door reverses, check connections and repeat the process

Photoeye 11 Pin Base



Black

(wire nut)

Magnetic Contact Switch
(mounted to door and jamb)

White