



Plunger Micro Switch Installation Manual

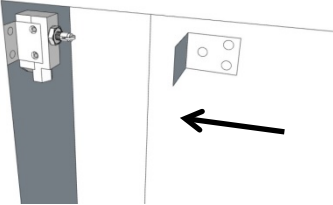
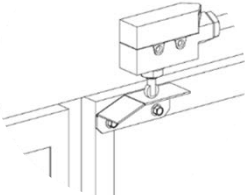
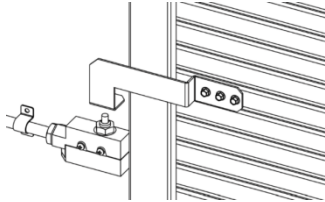
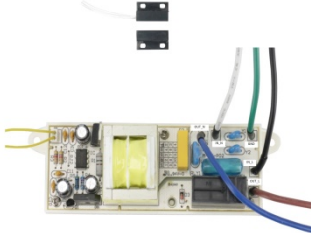
Visit www.awoco.com for more information

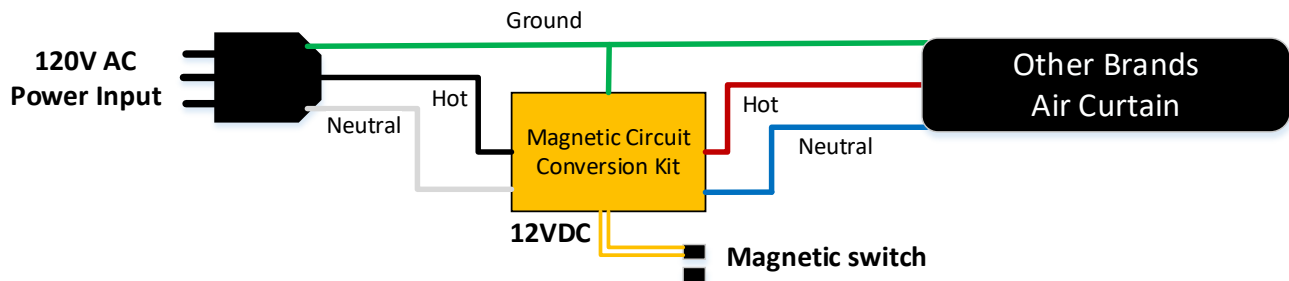
Note: consult with your electrical professional for electrical connection. 120VAC connection might require hard wired.

<p>Awoco Air Curtains: Cut the connection nut off the dedicated 2 wires for door switch, extend and connect the wires to the micro switch's Normally Closed (NC) and Common (COM) poles.</p>	
<p>Other brands' air curtains: Cut the power cord's Hot wire (usually black color) and connects to the micro switch's Normally Closed (NC) and Common (COM) poles.</p>	

The air curtain should be installed indoor, follow the below diagrams for the recommended installation.

Door Type	Installation Diagram	Applicable Micro Switch Models	Installation Difficulty Rating
<p>Outward swing doors</p> <p>If the door swings outward, mount the micro switch on the side of the door frame or the upper side of door frame.</p>		<p>TZ-6001 TZ-6003</p>	<p>Easy</p>
<p>Inward swing doors</p> <p>If the door swings inward, please use metal sheet to create the brackets (not included) to install the micro switch.</p>		<p>TZ-6001 TZ-6003</p>	<p>Medium</p>
<p>In & out swing doors</p> <p>If the door swings in and out, please place the roller plunger micro switch on the upper side of the door frame with a metal bracket (not included) mounted on the top of the door.</p>		<p>TZ-6003</p>	<p>Hard</p>
<p>Middle ended sliding doors</p> <p>If double sliding doors ended in the middle, please place the plunger micro switch on the upper side of the door frame with a metal bracket (not included) mounted on the top of the door.</p>		<p>TZ-6001 TZ-6002 TZ-6003</p>	<p>Easy</p>

Door Type	Installation Diagram	Applicable Micro Switch Models	Installation Difficulty Rating
<p>Side ended sliding doors</p> <p>If a sliding door ended in the side, please place the plunger micro switch on the side of the door frame with a metal bracket (not included) mounted on the door.</p>		<p>TZ-6001 TZ-6002 TZ-6003</p>	<p>Easy</p>
<p>Sliding doors</p> <p>With a metal bracket (not included), a micro switch can be mounted on the top of the door as shown in diagram.</p>		<p>TZ-6002</p>	<p>Hard</p>
<p>Roll up gates</p> <p>For roll up warehouse gates, please place the roller plunger micro switch on the side of the door frame with a metal bracket (not included) mounted on the gate.</p>		<p>TZ-6001 TZ-6002 TZ-6003</p>	<p>Hard</p>
<p>If the door closer is defective or the door is not closed fully, or the window is too light to press the plunger, micro switch won't work on these situations. Please refer to the Awoco Magnetic Circuit Conversion Kit. It converts the 120VAC to 12VDC and use the magnetic switch. The magnetic switch can be installed in all situations. Visit www.awoco.com for more detail on magnetic switch EASY installation.</p>		<p>Magnetic Circuit Conversion Kit (require electrical connection technique, but not hard)</p> <p>WARNING: don't replace the 120VAC micro switch directly with a 12VDC magnetic switch. The magnetic switch will burn out at 120VAC. Get the whole conversion kit.</p>	



If you want to buy new air curtains, please consider **Awoco Magnetic Switch Controlled Air Curtains** which save you a lot of time on the door switch installation.

SUPPORT AND CONTACT

Visit www.awoco.com for Air Curtains, Door Switches, Range Hoods, and Hand Dryers. Email sales@awoco.com or call 888-412-3428 for technical support and sales activity.