

# Solid State (RIB) Control Packages



Commercial and Industrial Models

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## Solid State (RIB) Control Packages

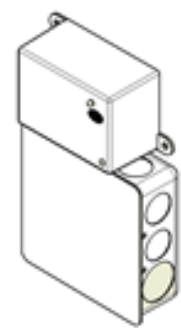
Solid State (RIB) Control Package #	Description
No TD	
<i>Commercial Type</i>	
J0023	Kit, Controller, Commercial, No TD, 115V,1Ø w/Plastic Mag Reed Sw, Surf Mntd, ½HP max
J0705	Kit, Controller, Commercial, No TD, 115V, 1Ø w/Plastic Mag Reed Sw, Surf Mntd, 1HP max
J0032	Kit, Controller, Walk-in Installation, LPV236-72, No TD, 115V, w/ Plas. Surface Mntd Mag. Reed Switch, 1/6HP
J0024	Kit, Controller, Commercial, No TD, 208-277V, 1Ø w/Plastic Mag Reed Sw, Surf Mntd, ½HP max
J0706	Kit, Controller, Commercial, No TD, 208-277V, 1Ø w/Plastic Mag Reed Sw, Surf Mntd, 1HP max
J0033	Kit,Controller, Walk-in Installation, LPV236-72, No TD, 208-277V, w/ Plas. Surface Mntd Mag. Reed Switch, 1/6HP
<i>Industrial Type</i>	
J0722	Kit, Controller, Industrial, No TD, 115V,1Ø w/Metal Mag Reed Sw, Surf Mntd, 1HP max
J0726	Kit, Controller, Industrial, No TD, 115V, 1Ø w/Metal Mag Reed Sw, Floor Mntd, 1HP max
J0723	Kit, Controller, Industrial, No TD, 208-277V,1Ø w/Metal Mag Reed Sw, Surf Mntd, 1HP max
J0727	Kit, Controller, Industrial, No TD, 208-277V, 1Ø w/Metal Mag Reed Sw, Floor Mntd, 1HP max
Adjustable TD	
<i>Commercial Type</i>	
J0021	Kit, Controller, Commercial, Adj TD(6s-20m), 115V,1Ø w/Plastic Mag Reed Sw, Surf Mntd, ½HP max
J0101	Kit, Controller, Commercial, Adj TD(6s-20m), 115V,1Ø w/Plastic Mag Reed Sw, Flush Mntd, ½HP max
J0028	Kit, Controller, Commercial, Adj TD(6s -20m), 115V,1Ø w/ Door Sw, Roller/Plunger Combo, ½HP max
J0703	Kit, Controller, Commercial, Adj TD(6s-20m), 115V,1Ø w/Plastic Mag Reed Sw, Surf Mntd, 1HP max
J0132	Kit,Controller, Walk-in Installation, LPV236-72, Adj.TD, 115V, w/ Plas. Surface Mntd Mag. Reed Switch, 1/6HP
J0022	Kit, Controller, Commercial, Adj TD(6s-20m), 208-277V, 1Ø w/Plastic Mag Reed Sw, Surf Mntd, ½HP max
J0029	Kit, Controller, Commercial, Adj TD(6s-20m), 208-277V, 1Ø w/ Door Sw,Roller/Plunger Combo, ½HP max
J0704	Kit, Controller, Commercial, Adj TD(6s-20m) ,208-277V,1Ø w/Plastic Mag Reed Sw, Surf Mntd, 1HP max
J0133	Kit,Controller, Walk-in Installation, LPV236-72, Adj.TD, 208-277V, w/ Plas. Surface Mntd Mag. Reed Switch, 1/6HP
<i>Industrial Type</i>	
J0724	Kit, Controller, Industrial, Adj TD(6s-20m), 115V,1Ø w/Metal Mag Reed Sw, Floor Mntd, 1HP max
J0720	Kit, Controller, Industrial, Adj TD(6s-20m), 115V,1Ø w/Metal Mag Reed Sw, Surf Mntd, 1HP max
J0721	Kit, Controller, Industrial, Adj TD(6s-20m), 208-277V,1Ø w/Metal Mag Reed Sw, Surf Mntd, 1HP max
J0725	Kit, Controller, Industrial, Adj TD(6s-20m), 208-277V, 1Ø w/Metal Mag Reed Sw, Floor Mntd, 1HP max

### Features:

- ❖ UR (UL Recognized) and rated for NEMA 1 (field installed by others)
- ❖ Solid State Controllers
- ❖ Used when low voltage automatic control of an air curtain(s) is required
- ❖ Compact control package for limited space installations
- ❖ Time delay option – Field adjustable (6s-20m) delay on break. Delay keeps air curtains ON after door closes
- ❖ Reed and Magnet have sleek compact design (must be within 3/8" of each other to energize and de-energize the air curtain)
- ❖ Single pole terminal (1P) normally closed (NC) and normally opened (NO) contact



Controller with Adjustable Time Delay  
(Controller part # 99-050 & 99-051)



Controller without Time Delay  
(Controller part # 99-052 & 99-053)

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# Solid State (RIB) Control Packages



## Commercial and Industrial Models

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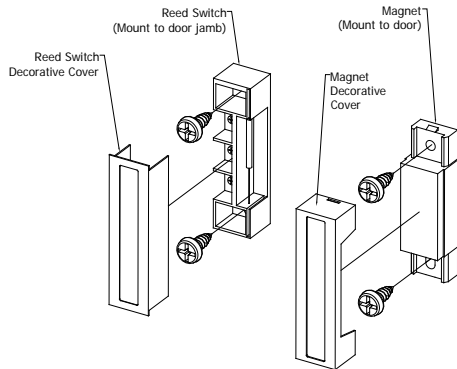
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### Commercial Type Control Packages

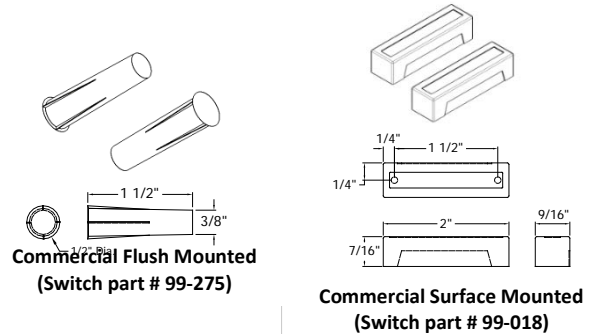
\*Note: Do not use a fastener larger than a #6 sheet metal screw or a #8 Machine screw to mount this door limit switch. Forcing larger screws through the mounting holes destroys the switch and voids the warranty.

#### Wired

- Flush Mounted (99-275) and Surface Mounted Wired (99-018) available
- Wiring terminals provided in reed switches (field wired by others)
- Maximum amperage rating is 1/2A
- Durable white plastic construction
- Available for 115V and 208-277V, 1Ø power only with 24V control

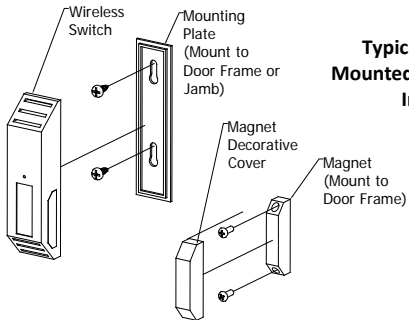


Typical Commercial Surface Mounted Switch (99-018) Installation Shown

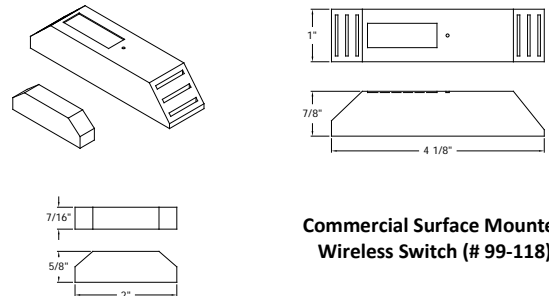


#### Wireless

- Surface Mounted Wireless Reed Switch (99-118)
- Reed mounted solar panel charges internal battery
- Maximum amperage rating is 2A
- Durable white plastic construction
- Available for 115V and 208-277V, 1Ø power only with 24V control



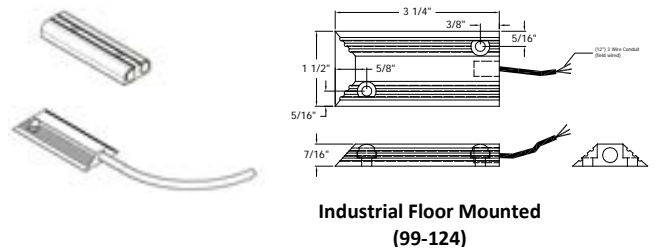
Typical Commercial Surface Mounted Wireless Switch (99-118) Installation Shown



Commercial Surface Mounted Wireless Switch (# 99-118)

\*Note: Wherever applicable, the switch and magnet should be mounted using screws to door frame or door jamb.

**Wireless switch** – Not recommended for low light areas. Ideal for applications where traffic through the door is no greater than 500 cycles/day. For higher traffic situations, the required battery replacements will be more frequent.



Industrial Floor Mounted (99-124)

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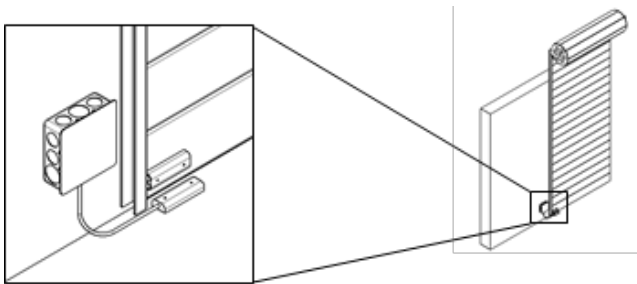
## Commercial and Industrial Models

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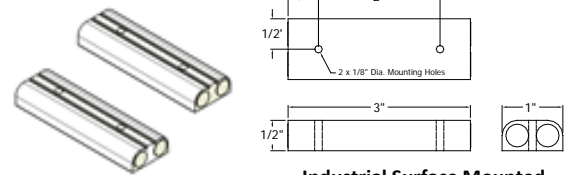
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### Industrial Type

- Floor Mounted (99-124) and Surface Mounted (99-125) available
- Rated for NEMA 1 (field installed by others)
- 24 to 120 volts (controller or panel required)
- 12" conduit leads provided (field wired by others)
- Maximum amperage rating is 3A
- Heavy duty extruded aluminum construction



Typical Industrial Floor Mounted (99-124) Installation Shown

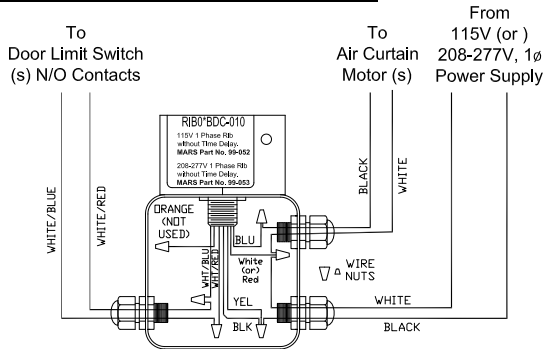


Industrial Surface Mounted (99-125)

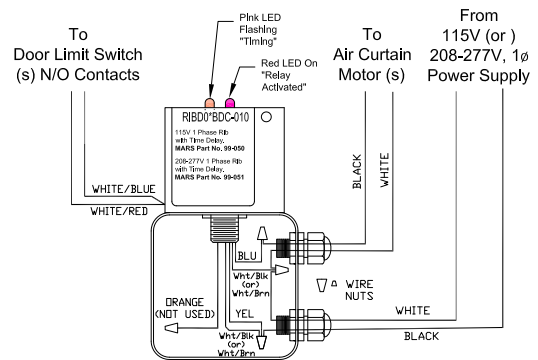
### Options and Accessories: (see Accessories Brochure)

- ❖ Factory wiring available (specify lead lengths)
- ❖ Industrial Types may be use with optional Motor Control Panels (MCP\*-\*\*)

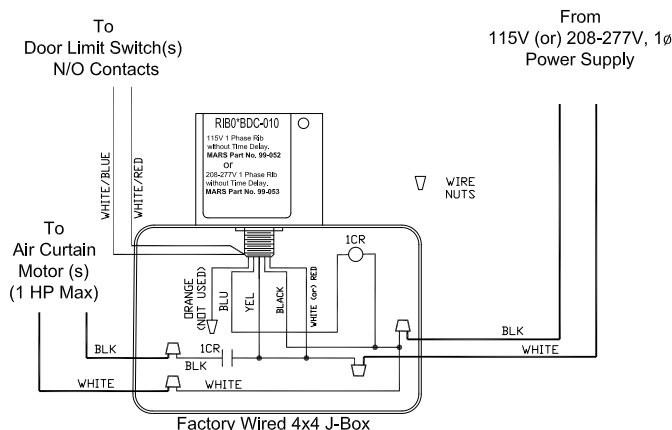
### Magnetic Switch Control Package Wiring Diagrams



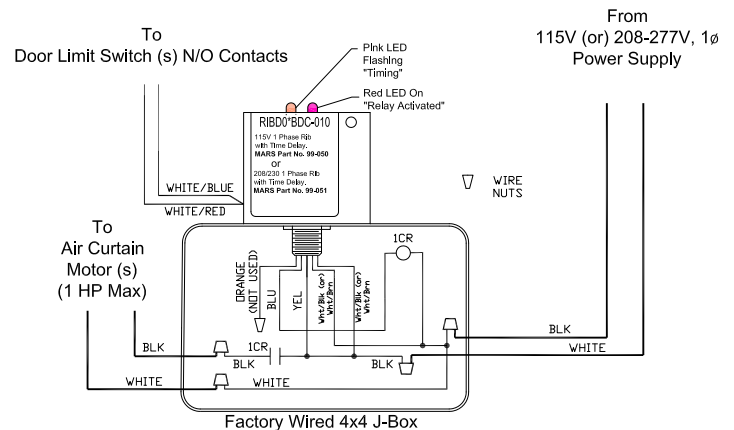
Kit J0023, J0024, J0032, J0033  
Power Supply:  
115V: Blk, Wht  
208-277V, 1PH: Blk, Red



Kit J0021, J0101, J0028, J0132, J0022, J0029 & J0133  
Power Supply:  
115V: Wht/Blk, Wht/Blk  
208-277V, 1PH: Wht/Brn, Wht/Brn



Kit J0705, J0706, J0722, J0723, J0726 & J0727



Kit J0703, J0704, J0720, J0721, J0724 & J0725

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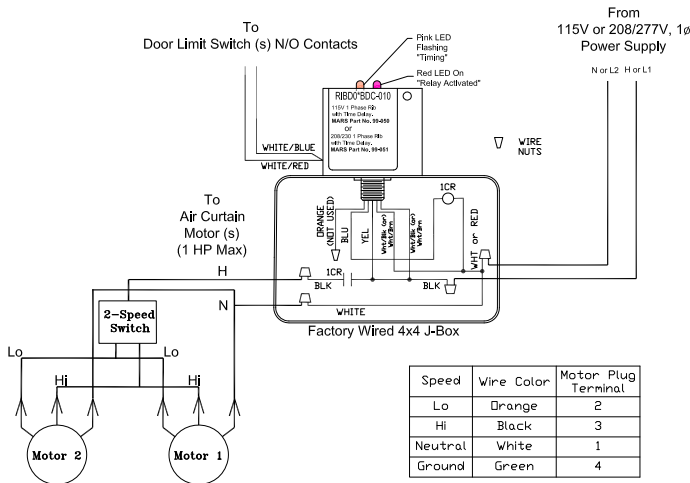
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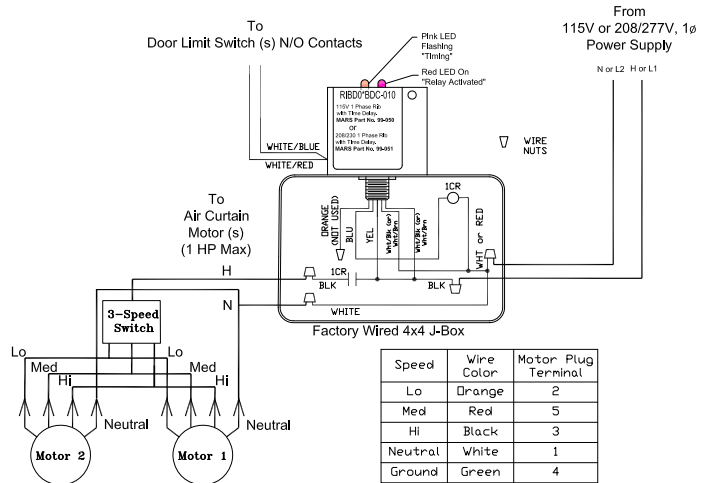
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Kit J0703, J0704, J0720, J0721, J0724 & J0725 Diagrams with 2-Speed Switch

Note:

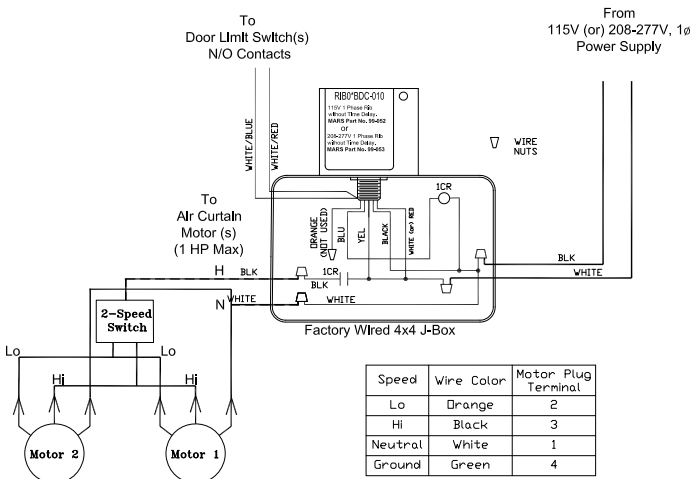
Controller Kit J0703, J0720 and J0724 require 115V, 1Ø power and Controller Kit J0704, J0721 and J0725 require 208/277V, 1Ø power to operate properly. The controllers are wired the same, but are not interchangeable.



Kit J0703, J0704, J0720, J0721, J0724 & J0725 Diagrams with 3-Speed Switch

Note:

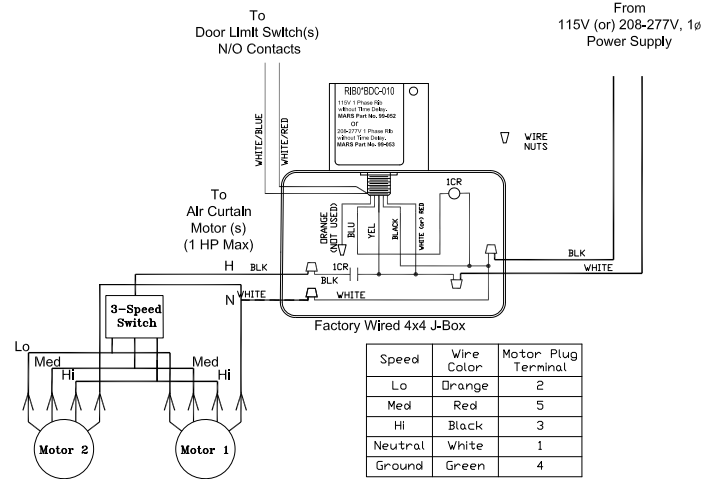
Controller Kit J0703, J0720 and J0724 require 115V, 1Ø power and Controller Kit J0704, J0721 and J0725 require 208/277V, 1Ø power to operate properly. The controllers are wired the same, but are not interchangeable.



Kit J0705, J0706, J0722, J0723, J0726 & J0727 with 2-Speed Switch

Note:

Controller Kit J0703, J0720 and J0724 require 115V, 1Ø power and Controller Kit J0704, J0721 and J0725 require 208/277V, 1Ø power to operate properly. The controllers are wired the same, but are not interchangeable.



Kit J0705, J0706, J0722, J0723, J0726 & J0727 with 3-Speed Switch

Note:

Controller Kit J0703, J0720 and J0724 require 115V, 1Ø power and Controller Kit J0704, J0721 and J0725 require 208/277V, 1Ø power to operate properly. The controllers are wired the same, but are not interchangeable.

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