

Solid State (RIB) Control Packages



Commercial and Industrial Models

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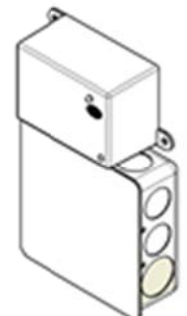
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Solid State (RIB) Control Packages

Solid State (RIB) Control Package #	Description	Max Voltage/Phase	Max HP Rating
Commercial Type			
J0021	Kit, Controller, Commercial, Adj TD(6s-20m), 115V,1Ø w/Plastic Mag Reed Sw, Surf Mntd, 1/2HP max	115V,1Ø	1/2
J0022	Kit, Controller, Commercial, Adj TD(6s-20m), 208/230V, 1Ø w/Plastic Mag Reed Sw, Surf Mntd,1/2HP max	208/230V,1Ø	1/2
J0023	Kit, Controller, Commercial, No TD, 115V,1Ø w/Plastic Mag Reed Sw, Surf Mntd, 1/2HP max	115V,1Ø	1/2
J0024	Kit, Controller, Commercial, No TD, 208/230V, 1Ø w/Plastic Mag Reed Sw, Surf Mntd, 1/2HP max	208/230V,1Ø	1/2
J0101	Kit, Controller, Commercial, Adj TD(6s-20m), 115V,1Ø w/Plastic Mag Reed Sw, Flush Mntd, 1/2HP max	115V,1Ø	1/2
J0105	Kit, Controller, Commercial, Adj TD(6s-20m), 208/230V, 1Ø w/Plastic Mag Reed Sw, Flush Mntd,1/2HP max	208/230V,1Ø	1/2
J0099	Kit, Controller, Commercial, No TD, 115V,1Ø w/Plastic Mag Reed Sw, Flush Mntd, 1/2HP max	115V,1Ø	1/2
J0103	Kit, Controller, Commercial, No TD, 208/230V, 1Ø w/Plastic Mag Reed Sw, Flush Mntd, 1/2HP max	208/230V,1Ø	1/2
J0053	Kit, Controller, Commercial, No TD, 115V,1Ø w/Wireless Mag Reed Sw, 1/2HP max	115V,1Ø	1/2
J0054	Kit, Controller, Commercial, No TD, 208/230V, 1Ø w/Wireless Mag Reed Sw, 1/2HP max	208/230V,1Ø	1/2
J0028	Kit, Controller, Commercial, Adj TD(6s-20m), 115V,1Ø w/ Door Sw, Roller/Plunger Combo, 1/2HP max	115V,1Ø	1/2
J0029	Kit, Controller, Commercial, Adj TD(6s-20m), 208/230V, 1Ø w/ Door Sw, Roller/Plunger Combo,1/2HP max	208/230V,1Ø	1/2
J0703	Kit, Controller, Commercial, Adj TD(6s-20m), 115V,1Ø w/Plastic Mag Reed Sw, Surf Mntd, 1HP max	115V,1Ø	1
J0704	Kit, Controller, Commercial, Adj TD(6s-20m), 208/230V,1Ø w/Plastic Mag Reed Sw, Surf Mntd, 1HP max	208/230V,1Ø	1
J0705	Kit, Controller, Commercial, No TD, 115V, 1Ø w/Plastic Mag Reed Sw, Surf Mntd, (2) 1/2HP max	115V,1Ø	(2) 1/2
J0706	Kit, Controller, Commercial, No TD, 208/230V, 1Ø w/Plastic Mag Reed Sw, Surf Mntd, (2) 1/2HP max	208/230V,1Ø	(2) 1/2
Industrial Type			
J0038	Kit, Controller, Industrial, Adj TD(6s-20m), 115V,1Ø w/Metal Mag Reed Sw, Surf Mntd, 1/2HP max	115V,1Ø	1/2
J0042	Kit, Controller, Industrial, Adj TD(6s-20m),208/230V,1Ø w/Metal Mag Reed Sw, Surf Mntd, 1/2HP max	208/230V,1Ø	1/2
J0036	Kit, Controller, Industrial, No TD, 115V,1Ø w/Metal Mag Reed Sw, Surf Mntd, 1/2HP max	115V,1Ø	1/2
J0037	Kit, Controller, Industrial, No TD,208/230V,1Ø w/Metal Mag Reed Sw, Surf Mntd, 1/2HP max	208/230V,1Ø	1/2
J0102	Kit, Controller, Industrial, Adj TD(6s-20m), 115V,1Ø w/Metal Mag Reed Sw, Floor Mntd, 1/2HP max	115V,1Ø	1/2
J0106	Kit, Controller, Industrial, Adj TD(6s-20m),208/230V,1Ø w/Metal Mag Reed Sw, Floor Mntd, 1/2HP max	208/230V,1Ø	1/2
J0100	Kit, Controller, Industrial, No TD, 115V,1Ø w/Metal Mag Reed Sw, Floor Mntd, 1/2HP max	115V,1Ø	1/2
J0104	Kit, Controller, Industrial, No TD,208/230V,1Ø w/Metal Mag Reed Sw, Floor Mntd, 1/2HP max	208/230V,1Ø	1/2
J0720	Kit, Controller, Industrial, Adj TD(6s-20m), 115V,1Ø w/Metal Mag Reed Sw, Surf Mntd, 1HP max	115V,1Ø	1
J0721	Kit, Controller, Industrial, Adj TD(6s-20m), 208/230V,1Ø w/Metal Mag Reed Sw, Surf Mntd, 1HP max	208/230V,1Ø	1
J0722	Kit, Controller, Industrial, No TD, 115V,1Ø w/Metal Mag Reed Sw, Surf Mntd, (2) 1/2HP max	115V,1Ø	(2) 1/2
J0723	Kit, Controller, Industrial, No TD, 208/230V,1Ø w/Metal Mag Reed Sw, Surf Mntd, (2) 1/2HP max	208/230V,1Ø	(2) 1/2
J0724	Kit, Controller, Industrial, Adj TD(6s-20m) 115V, 1Ø w/Metal Mag Reed Sw, Floor Mntd, 1HP max	115V,1Ø	1
J0725	Kit, Controller, Industrial, Adj TD(6s-20m) 208/230V, 1Ø w/Metal Mag Reed Sw, Floor Mntd, 1HP max	208/230V,1Ø	1
J0726	Kit, Controller, Industrial, No TD, 115V, 1Ø w/Metal Mag Reed Sw, Floor Mntd, (2) 1/2HP max	115V,1Ø	(2) 1/2
J0727	Kit, Controller, Industrial, No TD, 208/230V, 1Ø w/Metal Mag Reed Sw, Floor Mntd, (2) 1/2HP max	208/230V,1Ø	(2) 1/2
Walk in Type			
J0132	Kit, Controller, Walk-in Installation, LPV236-72, Adj. TD, 115V, w/ Plas. Surface Mntd Mag. Reed Switch	115V,1Ø	1/2
J0133	Kit, Controller, Walk-in Installation, LPV236-72, Adj. TD, 208/230V, w/ Plas. Surface Mntd Mag. Reed Switch	208/230V,1Ø	1/2
J0032	Kit, Controller, Walk-in Installation, LPV236-72, No TD, 115V, w/ Plas. Surface Mntd Mag. Reed Switch	115V,1Ø	1/2
J0033	Kit, Controller, Walk-in Installation, LPV236-72, No TD, 208/230V, w/ Plas. Surface Mntd Mag. Reed Switch	208/230V,1Ø	1/2

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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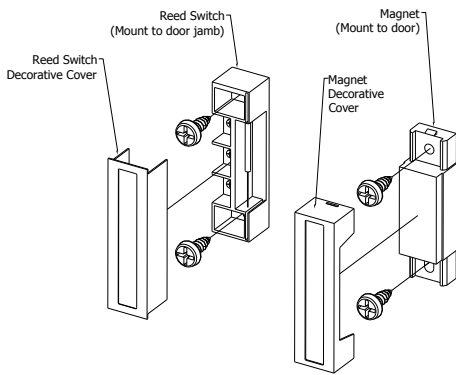
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Commercial Type Control Packages

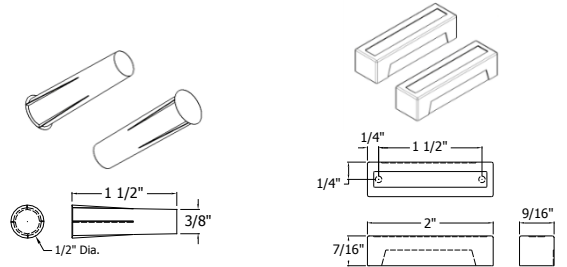
*Note: Do not use a fastener larger than a #6 sheet metal screw or a #8 Machine screw to mount this door limit switch. Forcing larger screws through the mounting holes destroys the switch and voids the warranty.

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 208/230V, 1Ø power only with 24V control

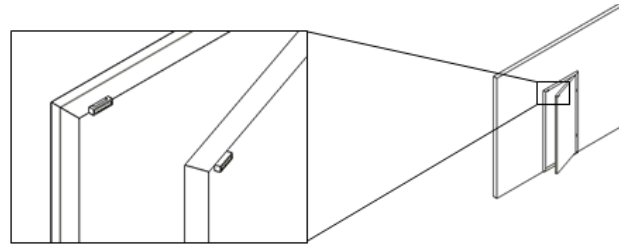


Typical Commercial Surface Mounted Switch (99-018) Installation Shown



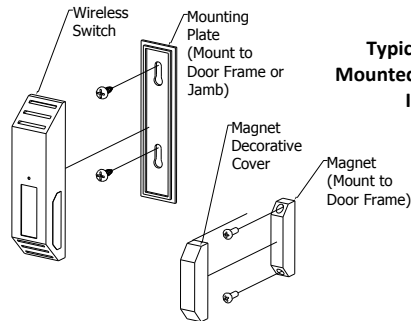
Commercial Flush Mounted (Switch part # 99-275)

Commercial Surface Mounted (Switch part # 99-018)

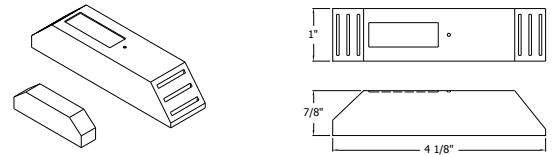


Wireless

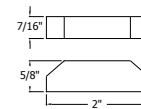
- Surface Mounted Wireless Reed Switch (99-118)
- Reed mounted solar panel charges internal battery
- Maximum amperage rating is 2A
- Durable white plastic construction
- Available for 115V and 208/230V, 1Ø power only with 24V control



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

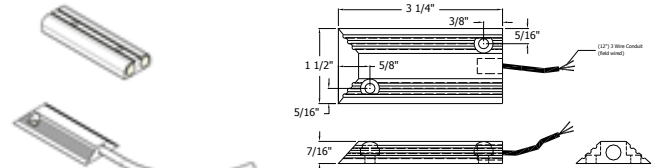


Commercial Surface Mounted Wireless Switch (# 99-118)



*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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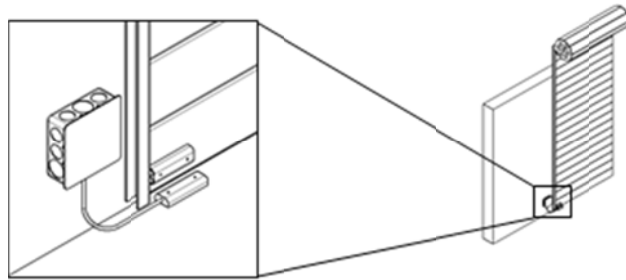
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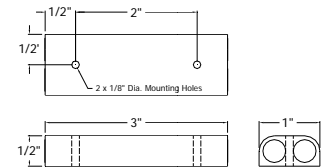
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Industrial Type

- 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

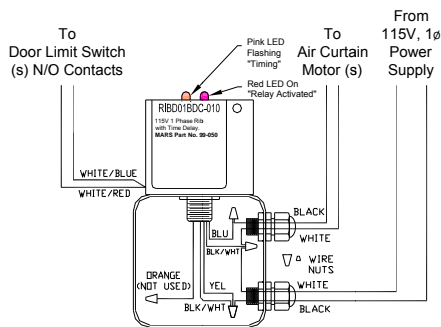


Industrial Surface Mounted (99-125)

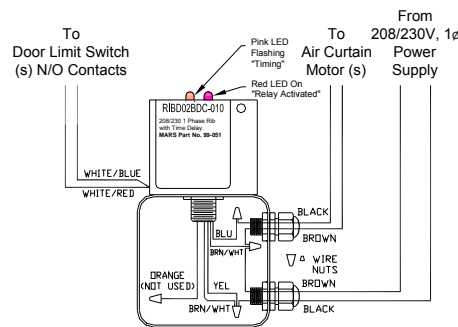
Options and Accessories: (see Accessories Brochure)

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

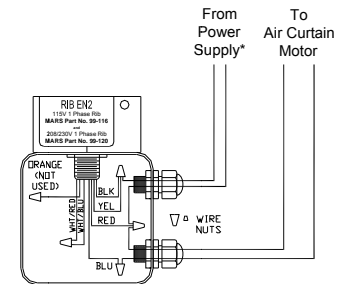
Magnetic Switch Control Package Wiring Diagrams



Kit J0021, J0101, J0038 & J0102 Diagrams

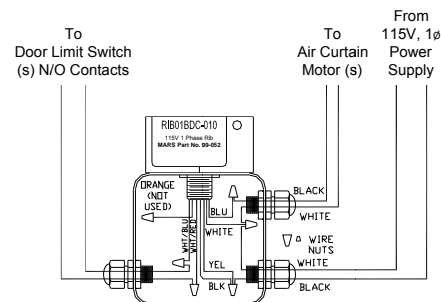


Kit J0022, J0105, J0042 & J0106 Diagrams

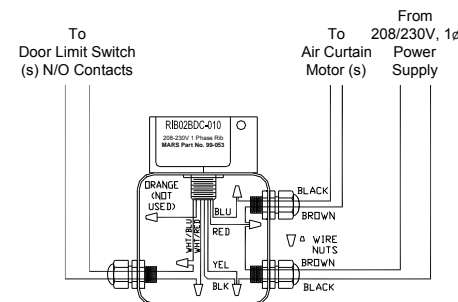


Kit J0053 & J0054 Diagrams

Note:
Controller Kit J0053 require 115V, 1Ø power and Controller Kit J0054 require 208/230V, 1Ø power to operate properly. The controllers are wired the same, but are not interchangeable.



Kit J0023, J0099, J0036 & J0100 Diagrams



Kit J0024, J0103, J0037 & J0104 Diagrams

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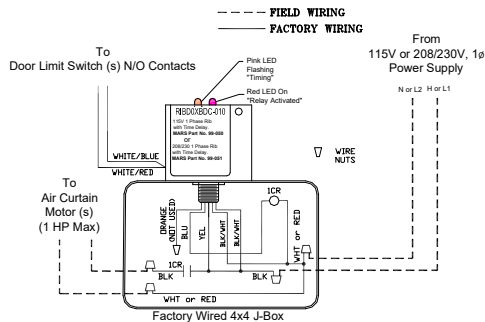
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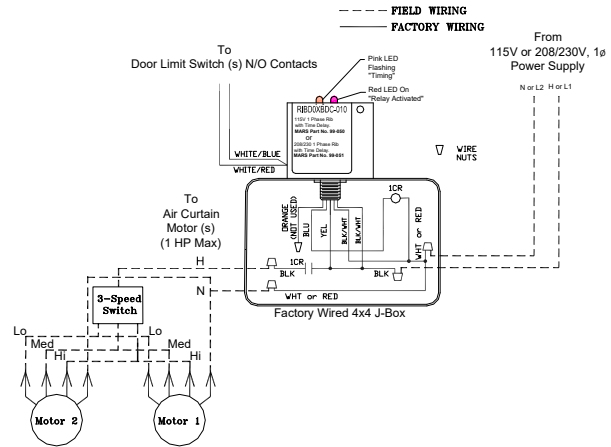
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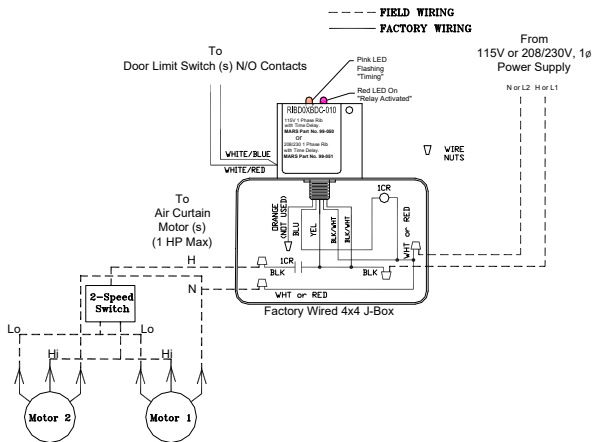
Kit J0703, J0704, J0720, J0721, J0724 & J0725 Diagrams

Note:
Controller Kit J0703, J0720 and J0724 require 115V, 1Ø power and Controller Kit J0704, J0721 and J0725 require 208/230V, 1Ø power to operate properly. The controllers are wired the same, but are not interchangeable.



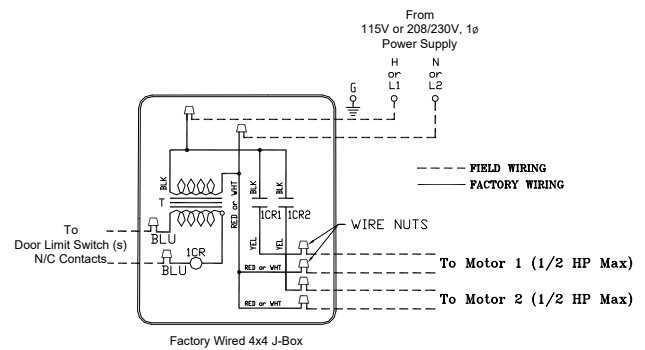
Kit J0703, J0704, J0720, J0721, J0724 & J0725 Diagrams with 3-Speed Switch

Note:
Controller Kit J0703, J0720 and J0724 require 115V, 1Ø power and Controller Kit J0704, J0721 and J0725 require 208/230V, 1Ø power to operate properly. The controllers are wired the same, but are not interchangeable.



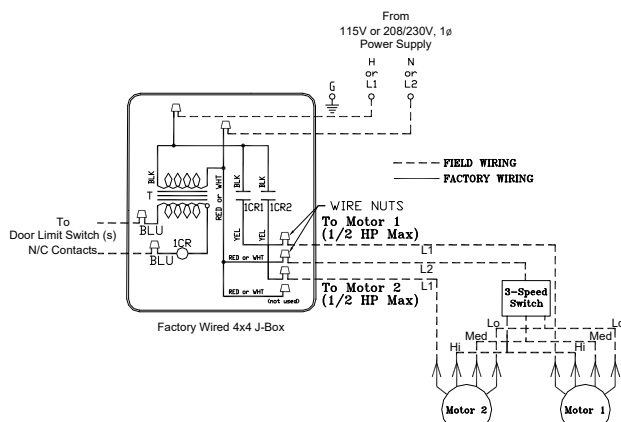
Kit J0703, J0704, J0720, J0721, J0724 & J0725 Diagrams with 2-Speed Switch

Note:
Controller Kit J0703, J0720 and J0724 require 115V, 1Ø power and Controller Kit J0704, J0721 and J0725 require 208/230V, 1Ø power to operate properly. The controllers are wired the same, but are not interchangeable.



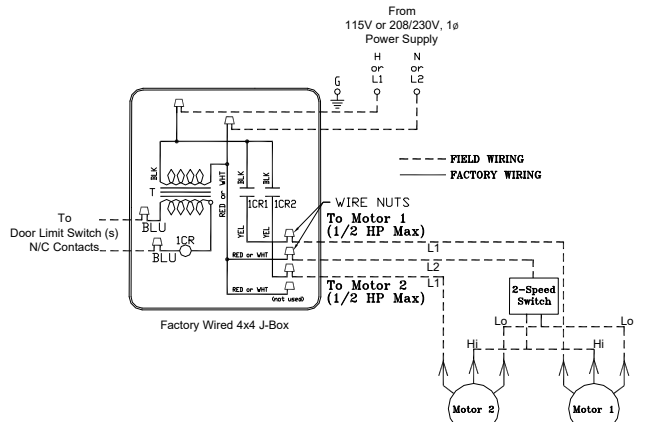
Kit J0705, J0706, J0722, J0723, J0726 & J0727 Diagrams

Note:
Controller Kit J0705, J0722 and J0726 require 115V, 1Ø power and Controller Kit J0706, J0723 and J0727 require 208/230V, 1Ø power to operate properly. The controllers are wired the same, but are not interchangeable.



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

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

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