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INTELLITEC GLIDE-OUT CONTROLLER USER MANUAL #400302 OPERATING INSTRUCTIONS

INSTALLATION GUIDE

Mounting Location – In a typical application, the controller is located near the motor to minimize the length of heavy gauge wire needed for the installation. A light gauge wire is run from this unit to as many switches as desired to control the load. These switches can be of Intellitec's MONOPLEX (tm) style, or any single pole momentary contact type. Note: The controller is designed to mount in a dry location.

Wiring Requirements – The +12 Volt lead must be protected with a fuse or breaker of no greater than 30 Amps and the wires connecting the controller to the motor, to +12 Volts and to ground must all be of sufficient size to carry this current. The wire for the switches may be of a smaller size as it carries only a very small current of 0.03 Amp max. Connect the wires per the diagram on the opposite side of this page.

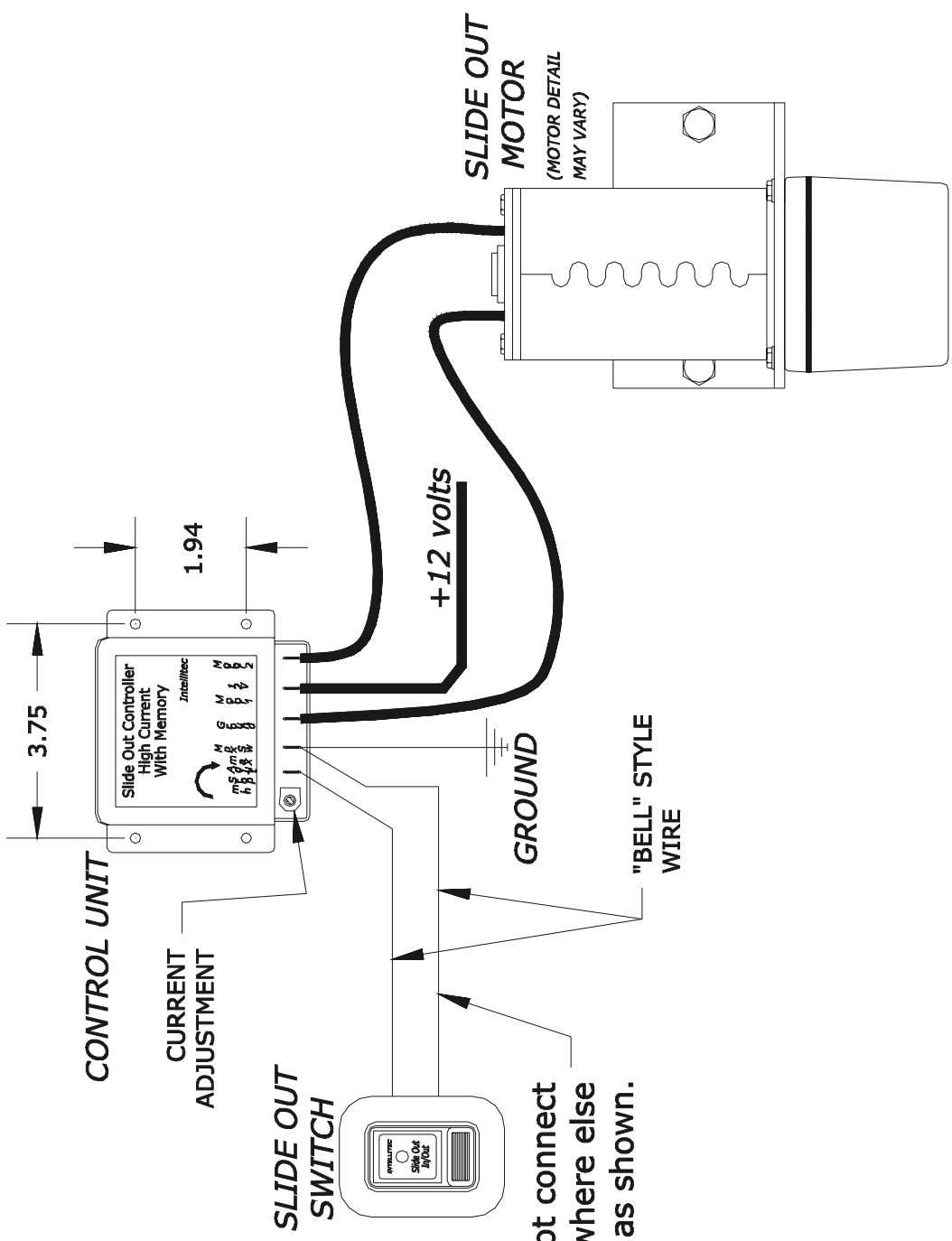
Stop Current Adjustment – The controller measures motor current to sense when the mechanism reaches the end of its travel. When the current exceeds a pre-set level, the controller will shut off. This current level is adjustable by a pot, mounted on the unit. The range of this adjustment is from approximately 20 Amps to 50 Amps. If the current is set too low, the mechanism will stop before it reaches the end of travel or during start-up. If it is set to high, it may damage the mechanism or loosen the trim of the room. Note: The current adjustment pot only turns about 270 degrees. Attempts to force it further will damage it.

1. USING A SMALL SCREWDRIVER, CENTER THE POT.
2. OPERATE THE ROOM IN BOTH DIRECTIONS TO CHECK OPERATION.
 - a. If the controller stops before the room reaches it's normal stop, adjust the pot clock-wise about 20 degrees and try again. Repeat if necessary within the limits of the pot.
 - b. If the room hits it's stop too hard, adjust the pot counter clock-wise about 20 degrees and try again. Repeat if necessary within the limits of the pot.
 - c. Repeat steps "a" and "b" with finer adjustments if desired.

THE CONTROLLER IS NOW ADJUSTED FOR NORMAL OPERATON.

Safety note! Use of the Slide Out Room Controller does not eliminate the need for a mechanical locking device on the slide out room when in use and for transport.

Manual Operation – If for some reason it is necessary to operate the slide out room manually, one of the two motor leads should be disconnected to prevent the motor from "dynamic braking" while the room is being manually operated.



This wire cannot connect to ground anywhere else than at the control as shown.