GREENHECK
Building Value in Air.

Document 452723
WD Series
End Switch Kit

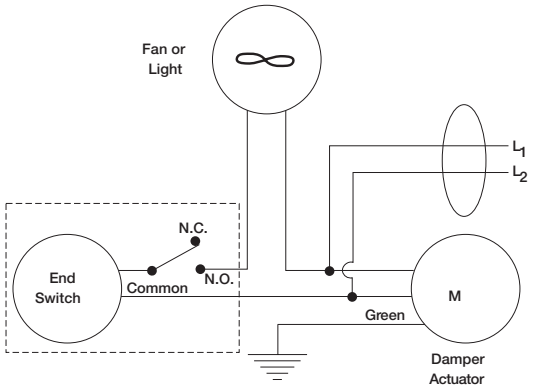
Installation, Operation and Maintenance Manual

Please read and save these instructions for future reference. Read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with these instructions will result in voiding of the product warranty and may result in personal injury and/or property damage.

Field Installation Instructions for End Switch Kit Number 851038

These instructions apply to the field installation of end switch kits on Greenheck's damper series WD. These end switch kits can be used in conjunction with MP-100, MP-200, and MP-300 series actuators.

End switches are typically wired to a fan and/or to a light serving as an open/not open indicator. When the damper is powered open, one of the damper blades makes contact with the spring rod of the end switch which in turn makes a connection allowing power to flow to the fan and/or light. This set up would be used when it is desirable to ensure that the damper is fully open before the fan starts. For 24 VAC applications, a 115 VAC switch can be used, as long as the 15 amp rating of the switch is not exceeded.



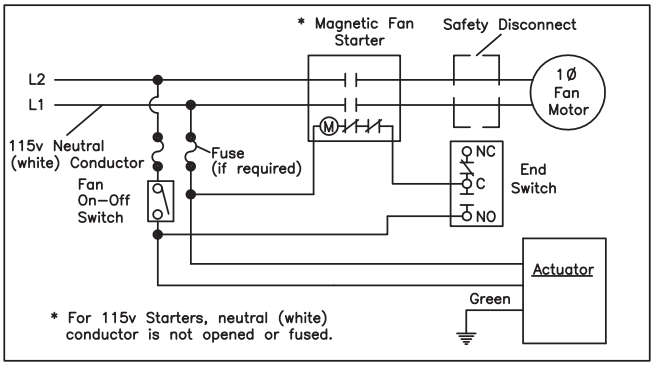
Wiring Illustration

Note: Some actuators are multi-tap, use correct connections per actuator wiring diagram.

Instructions

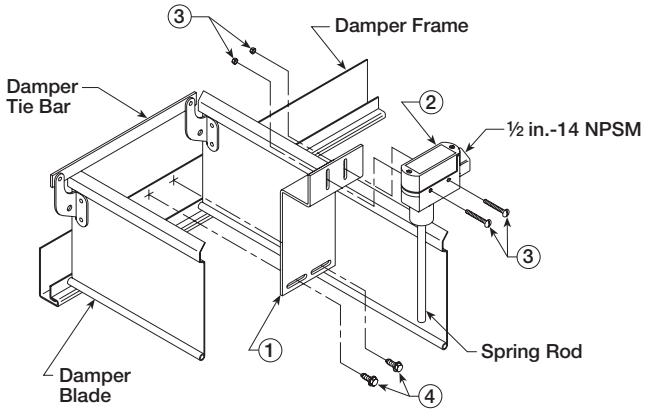
1. Position end switch such that the back side of damper blade trips the spring rod.
2. Mount end switch bracket to the damper frame or ductwork using #10 x ½ in. self-drilling sheet metal screws.

Part #	Qty.	Description
1	1	End switch mounting bracket
2	1	End switch UL/CSA Rating L67 15 Amps: 125, 250, or 480 VAC 0.25 Amps: 250 VDC 0.50 Amps: 125 VDC
3	2	#6-32NC x 1½ in. machine screws with nuts (packaged in end switch housing)
4	2	#10 x ½ in. self-drilling sheet metal screws

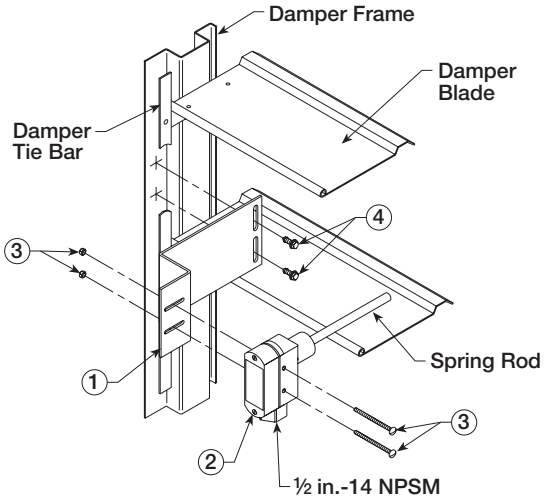


Alternative wiring diagram

End Switch Installation on WD-100 Series Dampers



End Switch Installation on WD-200 & 300 Series Dampers



Our Commitment

As a result of our commitment to continuous improvement, Greenheck reserves the right to change specifications without notice.

Product warranties can be found online at Greenheck.com, either on the specific product page or in the literature section of the website at Greenheck.com/Resources/Library/Literature.

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