

Overspeed Switches

Installation, Adjustment & Service Instructions

Introduction

These units contain a snap action switch with single pole, double-throw contacts that change position at a preset speed. On automatic reset units, switch contacts will reset automatically when speed is reduced approximately 15 to 20% below trip point.

On manual reset units, button must be depressed to reset switch.

CAUTION: Excessive wear will result if switch is operated above its trip point. Prolonged operation above its trip point will result in irreparable damage.

Installation

Mechanically attach unit to driving member, making certain that the shaft aligns properly to prevent damage and malfunction. Electrically attach by affixing leads to appropriate terminals.

Speed Adjustment

Loosen cap adjusting lock screw and turn cap until unit trips at the desired speed. Clockwise rotation of the cap lowers trip point; counterclockwise rotation increases trip point. Total range of adjustment is indicated on speed switch nameplate. Be sure to tighten hexagon locking screws after speed adjustment is completed.

Maintenance

On all units (except Model GS) sealed bearings are supplied. No internal maintenance is required. On all GS units, add grease (Aeroshell 7A or its equivalent) every 2500 operating hours or annually. Apply grease with a handheld gun *only* as a pressurized gun may cause damage to the seals.

NOTE: Warranty is void if the lockwire is broken or evidence of tampering is found on the cover or adjustment screws.



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