

Technical Bulletin

TB 0356 – Rectification of Loose Spring Charge Limit Switch – Reyrolle LMVP Series.

Date: 11/10/2024

Purpose

This technical bulletin has been issued to communicate a new maintenance requirement to prevent, or minimise, instances of spring charge limit switch hardware becoming loose on Reyrolle LMVP series circuit breakers.

The content in this TB is to be included as part of the minor overhaul maintenance activities for Reyrolle LMVP series CBs.

Background

There has been an increase in the number of reported cases of the nut that secures the spring charge limit switch becoming loose in the mechanism of the Reyrolle LMVP series circuit breakers. This is usually picked up during minor overhaul activities and has also caused several functional failures.

The spring charge limit switch is used to disconnect the spring charge motor once the spring is fully charged. A loose limit switch may eventually result in damage to the motor and cause a malfunction in the trip/close operation of the circuit breaker.

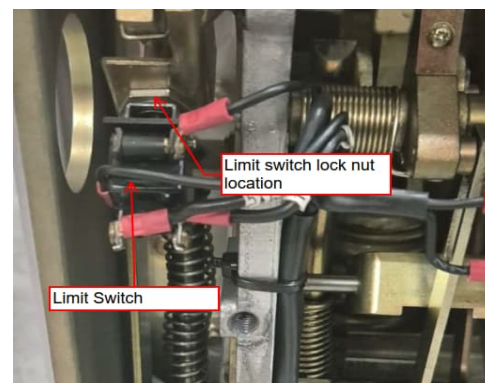


Figure 1 Limit switch in operating mechanism.

Actions

The following actions have been supported by the OEM:

Hardware securing the spring charge limit switches must be tightened as per OEM manuals after which they are to be secured with dual nuts. OEM manuals can be found through this link - [G:\Equipment Manual Library\South Manuals\switchgear](#).

It is a requirement that the securing hardware (nut) be checked for tightness during minor overhaul activities, and replaced, retightened and locked (as above) where necessary.

Implementation

The contents of this Technical Bulletin shall be implemented immediately and be maintained until such time the Technical Bulletin is withdrawn.

Contacts

For further information contact:

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