



FIRST ALERT



Subject: Automated Siemens 8DJH RMU

Date: 14/07/2021

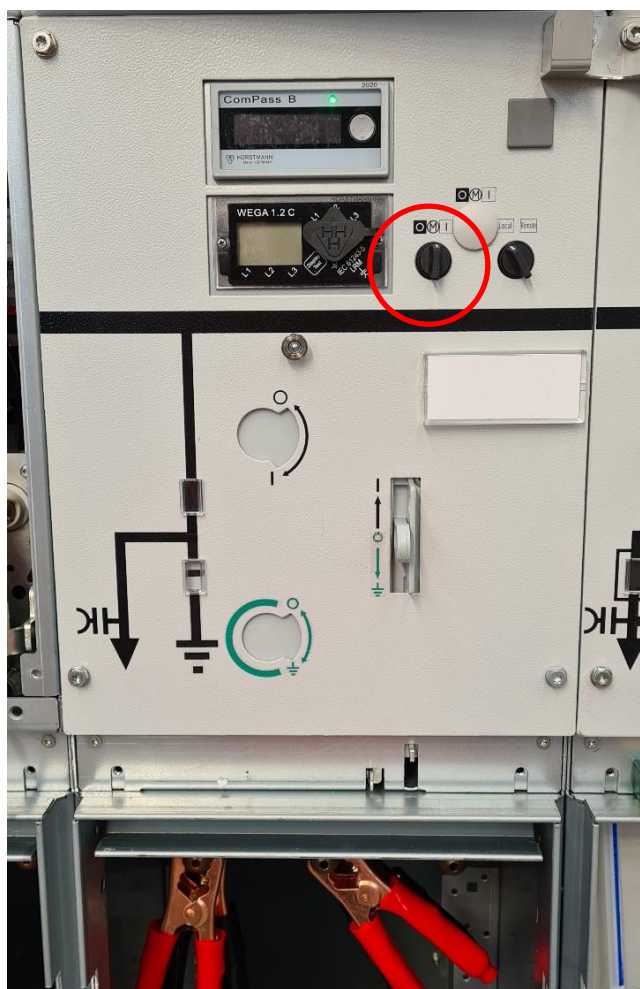


Figure 1: Automated 8DJH R switch

Description:

The automated Siemens 8DJH load break (R) switches do not have a lock out for the electronic open/close switch (circled in red). This allows the load break switch to be opened and closed even when manual operation has been locked and tagged. This allows the potential for inadvertently closing onto a cable that is under a test permit.

Note this is only an issue under a test permit scenario when the earth switch is open and the cable compartment door remains fitted. If the earth switch is closed or the cable compartment door is open, the switch is interlocked and can't be operated by the electronic open/close switch.

Recommendations:

As an interim solution, these automated RMUs load break switches (R) can only be used for isolation under an access permit with the earth applied. Caution Notes have been placed against the three affected units in the NMS/SCADA system.

If testing requires the earth to be removed (e.g. test permit) then these devices cannot be used as the isolation point without the approval of the GM Asset Management or GM WEL Services.

The permanent solution is that:

- All new automated 8DJH RMUs are to be supplied without an electronic open/close switch.
- The existing three automated 8DJH RMUs in the network will have the electronic open/close switch removed and replaced with a blanking plate in accordance with Supplier's instruction.
- All automated RMUs still in WEL's or Service Provider's depot shall have the electronic open/close switch removed as part of the pre-installation depot testing.

The above safety alert will stay in place until the electronic open/close switches are removed from all RMUs.

For further information contact: The WEL Networks Health & Safety Team.