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Subject: EL731 Series Firmware Update v1.62 Notice
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Dear Valued Customer,

This notice is to announce that firmware version 1.62 is now released for the EL731 series AC/DC Sensitive Earth-Leakage Relay. Units manufactured in December 2023 and beyond have version 1.62 as the factory default firmware. The firmware update is compatible with all EL731 series part numbers with hardware revisions 01A, 01B, 01C, 02A, 02B, 02C, and 03.

This is a recommended update for all customers utilizing the CT2 input on the EL731.

This firmware update includes the following updates:

- Corrects an issue present in firmware versions 1.59 and 1.60 in the CT Verification function for the CT2 input. In these firmware releases, in the case where CT2 Input Filter is set to either the *190 Hz High Pass* or *90 Hz Low Pass* selection, the CT2 CT Verification function does not operate for the CT2 input on the EL731. This issue does not affect the CT1 input.

It is important to note that this does not affect the earth-fault protection circuit in the EL731. While the current transformer remains connected the EL731 correctly measures and reacts (trips or alarms) to an earth fault measured by the CT2 (and CT1) current transformer.

- Addition of low-temperature alarm and trip events for the RTD Local Temperature protection function, to complement the existing high-temperature alarm and trip events;
- Added high-temperature alarm, high-temperature trip, low-temperature alarm, and low-temperature trip as additional options in the output-relay function menu, for use when programming the operation of the K1, K2, and K3 output relays; and



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- Added ability to change CT1 Verification trip time to be set to the earth-fault trip time, or fixed 2, 3, 4, or 5 seconds. Previously the CT1 Verification trip time was automatically set to the earth-fault trip time with no adjustments. The CT2 Verification trip time remains fixed at 3 seconds.

To request a copy of the firmware v1.62 as well as detailed instructions on how to complete the firmware update in the field, please visit <https://info.littelfuse.com/el731-register-162>.

For a list of previous product and firmware updates, and detailed product information, please review the Revision History included in the EL731 series product manual available on the product webpage:

- www.littelfuse.com/el731

Please call or email Littelfuse Technical support at relays@littelfuse.com or +1-800-832-3873 if you have any questions or concerns.