

# Manual Supplement

Manual Title: ESA620 Users  
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This supplement contains information necessary to ensure the accuracy of the above manual. This manual is distributed as an electronic manual on the following CD-ROM:

CD Title: ESA620  
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## Change #1, 663

On page 17, replace ***Setting Polarity Switching Delay*** section, with:

### ***Setting Polarity Switching Delay***

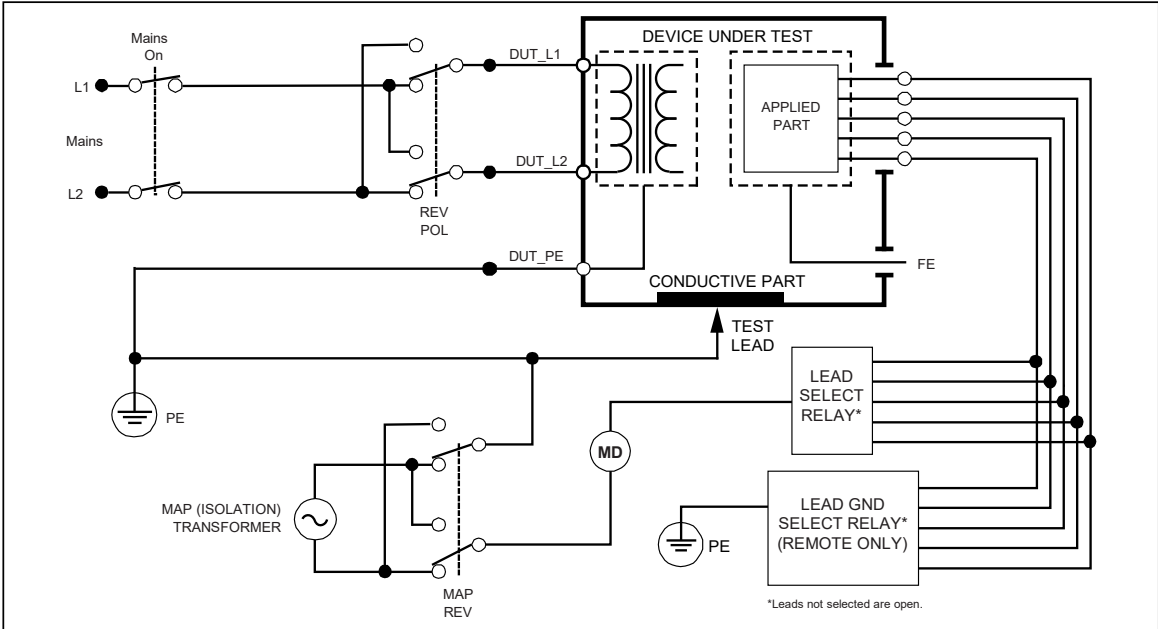
When switching the polarity of the Analyzer's test receptacle, a delay can be set to control the actual switch time. Use the Polarity Switching Delay to protect the internal components of the Analyzer from transient effects. Transient effects can occur when the DUT has a highly capacitive or inductive power supply. These types of power supplies are in larger DUTs, for example, ultrasound, dialysis, and portable X-ray machines. If you think the DUT has a highly capacitive or inductive power supply, increase the Polarity Switching Delay from 1 second (default) to 5 seconds. This increase allows the DUT to self-discharge safely.

To set the polarity delay:

1. Press the softkey labeled **Instrument** from the setup menu to reveal the instrument setup selections.
2. Press the softkey labeled **Polarity Delay** to open the scroll box above the softkey label.
3. Press  or  to adjust the delay from 0 to 5 seconds in 1 second steps.
4. Press the softkey **Back** then the softkey labeled **Exit** to exit the setup function.

**Change #2, 687**

On page. 40, replace Figure 24 with:



**Figure 24. Mains-On-Applied-Parts-Leakage-Current Test Schematic**