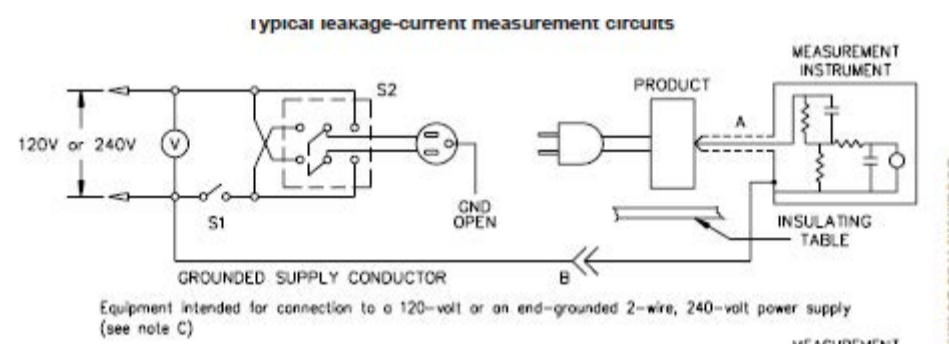


How to Test 1P3W or Multi Phase DUT

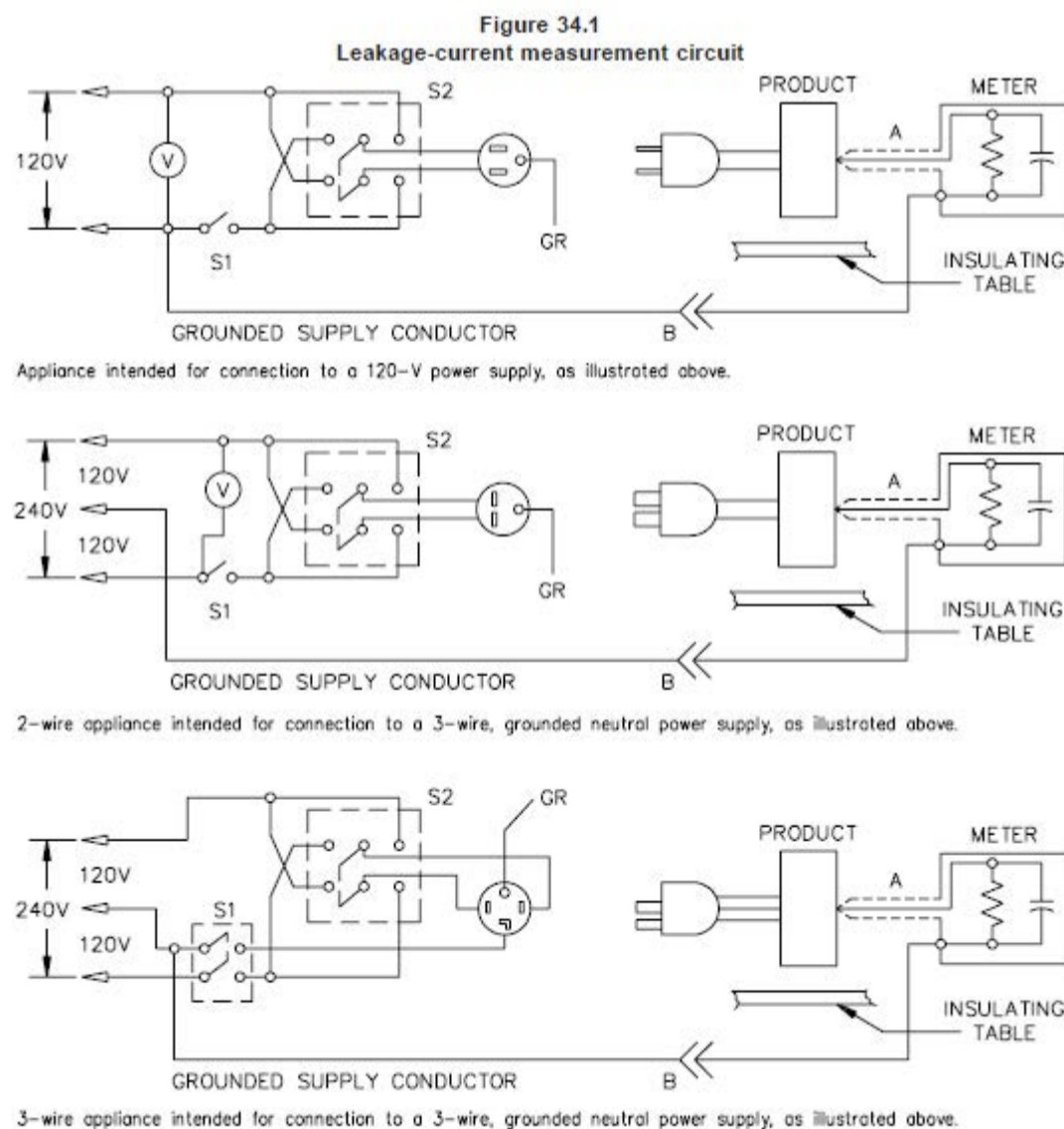
Since OMNIA II can only do L - N with no voltage on N we are not able to power up the DUT that requires L-L-N connections like the diagram 2 and 3 below. To use OMNIA II equipment they would need to do the following:

- Power up their DUT outside of OMNIA II system
- Use the probe H and probe L to connect the MD as shown in the image to its respective location in the system
- Do all the switching for Reverse (S2) and Neutral (S3) either manually or some external means
- OMNIA II would be used as a big metering circuit for test case 2 and 3

This test we can do without any issues



But number 2 and 3 are not possible without additional external controls.



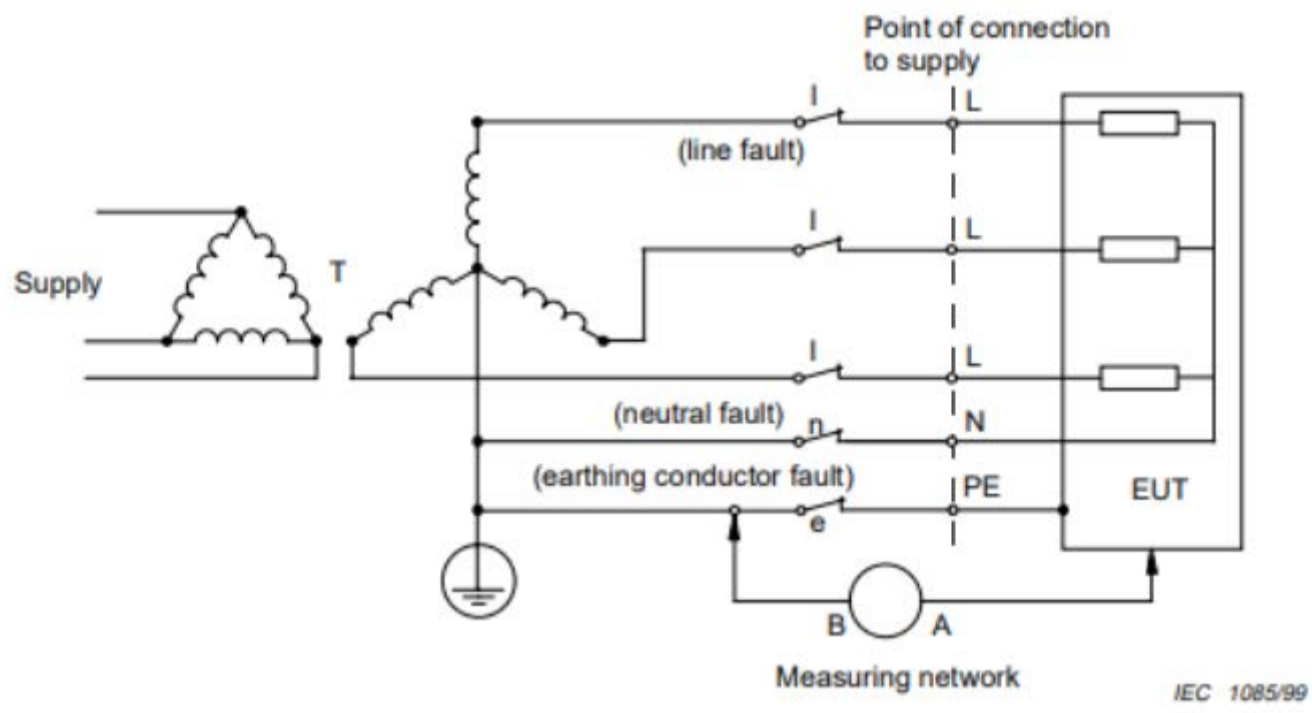


Figure 11 – Test configuration: three-phase equipment on star TN or TT system

