

Corrections to **IEEE Recommended Practice for Powering and Grounding Sensitive Electronic Equipment**

Sponsor
**Power System Engineering Committee
of the
IEEE Industrial Applications Society**

Correction Sheet

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The following corrections should be made:

Page 235: Subclause 9.17.4 should be replaced in its entirety with the following:

9.17.4 Transformer Percent Impedance (%Z). Recommended practice is that the dry-type isolation transformers used with sensitive equipment have a %Z in the range of 3–5%, as calculated at the nominal line frequency. This impedance should not exceed 6%Z in any case. A *stiff* source (low %Z) is an advantage in cases where loads are being served with high peak current demand and large crest-factors, both of which are typical of sensitive electronic equipment. A lower value %Z also prevents *flat-topping* of the ac voltage waveform and reduces the overall problem of harmonic voltage waveform distortion on the transformer secondary.