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
Issued 10 July 1998

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.