

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE



## AMENDMENT 1 AMENDEMENT 1

**Electromagnetic compatibility (EMC) –  
Part 4-30: Testing and measurement techniques - Power quality measurement  
methods**

**Compatibilité électromagnétique (CEM) –  
Partie 4-30: Techniques d'essai et de mesure - Méthodes de mesure de la qualité  
de l'alimentation**



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## FOREWORD

This amendment has been prepared by subcommittee 77A:EMC – Low frequency phenomena, of IEC technical committee 77:Electromagnetic compatibility.

The text of this amendment is based on the following documents:

CDV	Report on voting
77A/1080/CDV	77A/1092/RVC

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the stability date indicated on the IEC website under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

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### 5.7.2 Measurement uncertainty and measuring range

*Replace, in the second dashed item (Class S),*

"Same as Class A."

*with the following:*

"Same as Class A, except for the uncertainty, which shall be less than  $\pm 0,3 \%$  for  $u_2$  (and for  $u_0$  if it is evaluated)."

### 5.11.2 RVC event detection

*Replace, in the first dash (Class A), in the fifth paragraph, the third bullet point with the following:*

- If every one of the previous 100/120  $U_{\text{rms}(1/2)}$  values, including the new value, is within the RVC threshold (including the hysteresis, if applied) of the newly calculated arithmetic mean, then the 'voltage-is-steady-state' logic signal for that channel is set to true; otherwise, it is set to false.