

INTERNATIONAL ELECTROTECHNICAL COMMISSION
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

IEC 61869-99
Edition 1.0 2022-11

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INSTRUMENT TRANSFORMERS –

TRANSFORMATEURS DE MESURE –

Part 99: Glossary

Partie 99: Glossaire

CORRIGENDUM 1

Corrections to the French version appear after the English text.

Les corrections à la version française sont données après le texte anglais.

3.5.7

Replace the symbol as follows:

$\Delta\varphi$

3.5.8

Replace Note 2 to entry as follows:

Note 2 to entry: For inductive current and voltage transformers and capacitor voltage transformers there is no signal processing and therefore there is no delay time. As a result, phase displacement is equivalent to phase error.

3.5.50

Replace the symbol as follows:

$\hat{\varepsilon}_{AC}$

3.5.51

Replace the symbol as follows:

$\hat{\varepsilon}$

In Note 1 to entry, replace the equation with the following new equation:

$$\hat{\varepsilon} = \frac{\hat{i}_{\varepsilon}}{\sqrt{2} \cdot I_{psc}}$$

3.5.67

Replace the symbol as follows:

$\varepsilon_{\text{C cor}(I)}$

In Note 1 to entry, replace the equation with the following new equation:

$$\varepsilon_{\text{C cor}(I)} = \frac{1}{I_p} \sqrt{\frac{1}{T} \int_0^T [F_{\text{cor}} \cdot K_r \cdot u_s(t + \delta t) - i_p(t)]^2 dt}$$

3.5.79

This correction applies to the French language only.

3.6.9

This correction applies to the French language only.

Table A.1 – Index of terms

Replace the rows relating to "peak alternating error component" and "peak instantaneous current error" with the following rows:

peak alternating error component	$\hat{\varepsilon}_{\text{AC}}$	3.5.50
peak instantaneous current error	$\hat{\varepsilon}$	3.5.51

Table A.2 – Index of abbreviated terms and symbols

Replace the rows relating to the symbols $\hat{\varepsilon}$ and $\hat{\varepsilon}_{\text{AC}}$ with the following rows:

$\hat{\varepsilon}$	peak instantaneous current error	3.5.51
$\hat{\varepsilon}_{\text{AC}}$	peak alternating error component	3.5.50

Replace the row relating to the symbol $\varepsilon_{\text{C cor}(I)}$ with the following row:

$\varepsilon_{\text{C cor}(I)}$	corrected composite error, <of an LPIT>	3.5.67
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