

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN IEC 61869-  
99:2022/AC:2023-01**

January 2023

---

ICS 17.220.20; 01.040.01

English Version

**Instrument transformers - Part 99: Glossary  
(IEC 61869-99:2022/COR1:2023)**

Transformateurs de mesure - Partie 99: Glossaire  
(IEC 61869-99:2022/COR1:2023)

Messwandler - Teil 99: Glossar  
(IEC 61869-99:2022/COR1:2023)

This corrigendum becomes effective on 20 January 2023 for incorporation in the English language version of the EN.



European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

## **Endorsement notice**

The text of the corrigendum IEC 61869-99:2022/COR1:2023 was approved by CENELEC as EN IEC 61869-99:2022/AC:2023-01 without any modification.

INTERNATIONAL ELECTROTECHNICAL COMMISSION  
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

---

**IEC 61869-99**  
Edition 1.0 2022-11

**IEC 61869-99**  
Édition 1.0 2022-11

**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:*

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

**3.5.67**

Replace the symbol as follows:

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

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

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

**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	$\hat{\varepsilon}_{AC}$	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  $\hat{\varepsilon}_{AC}$  with the following rows:

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

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

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