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ICS 31.060.10

English Version

**Fixed capacitors for use in electronic equipment - Part 14:  
Sectional specification - Fixed capacitors for electromagnetic  
interference suppression and connection to the supply mains  
(IEC 60384-14:2023/COR1:2024)**

Condensateurs fixes utilisés dans les équipements  
électroniques - Partie 14: Spécification intermédiaire -  
Condensateurs fixes pour la suppression des interférences  
électromagnétiques et la connexion au réseau  
d'alimentation  
(IEC 60384-14:2023/COR1:2024)

Festkondensatoren zur Verwendung in Geräten der  
Elektronik - Teil 14: Rahmenspezifikation -  
Festkondensatoren zur Unterdrückung elektromagnetischer  
Störungen, geeignet für Netzbetrieb  
(IEC 60384-14:2023/COR1:2024)

This corrigendum becomes effective on 1 November 2024 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 60384-14:2023/COR1:2024 was approved by CENELEC as EN IEC 60384-14:2023/AC:2024-11 without any modification.

INTERNATIONAL ELECTROTECHNICAL COMMISSION  
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

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**IEC 60384-14**  
Edition 5.0 2023-01

**IEC 60384-14**  
Édition 5.0 2023-01

**FIXED CAPACITORS FOR USE IN ELECTRONIC  
EQUIPMENT –**

**CONDENSATEURS FIXES UTILISÉS DANS  
LES ÉQUIPEMENTS ÉLECTRONIQUES –**

**Part 14: Sectional specification – Fixed  
capacitors for electromagnetic interference  
suppression and connection to the supply  
mains**

**Partie 14: Spécification intermédiaire –  
Condensateurs fixes pour la suppression des  
interférences électromagnétiques et la  
connexion au réseau d'alimentation**

## **CORRIGENDUM 1**

Corrections to the French version appear after the English text.

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

### **3.1.9 by-pass capacitor**

*In Note 1 to entry, replace "Y2-capacitors" with "Y-capacitors".*

### **5.3.1.4 Applied voltage**

*In the NOTE, replace "6.6.3.4" with "6.2.3.4".*

### **Table 7 – Resistance to soldering heat – Requirements**

*In the third column of the third row, replace "Table 14, or Table 15" with "Table 17 or Table K.3".*

### **5.13.2 Initial measurements**

*In the first paragraph, replace "Table 14 or Table 15" with "Table 17 or Table K.3".*

**Table 10 – Damp heat, steady state – Requirements for samples tested without voltage applied**

*In the third column of the third row, replace "Table 16" with "Table 15".*

**5.16.2 Initial measurements**

*In the first sentence, replace "Table 15 or Table K.1" with "Table 17 or Table K.3".*

**5.18.1.1 General**

*Replace the last paragraph with the following:*

For surface mount capacitors consisting of ceramic and metal only, the passive flammability test may be omitted.

**5.18.2.1 General**

*In the first paragraph, replace "the following alternative test method can be used" with "the following alternative test method may be used".*

**6.2 Information for marking**

*In item f), add the closing bracket after the second symbol for direct voltage.*

**8.4.3.1 Sampling**

*In the second sentence of the second paragraph, replace "footnote h to Table 16" with "footnote h to Table K.1".*

**Table 15 – Sampling plan – Tests concerning safety requirements only**

*In column "Subclause of this document" of Group 3, replace "5.15.4", "5.15.5" and "5.15.6" with "5.15.5", "5.15.6" and "5.15.7", respectively.*

**Table 16 – Test schedule and sampling plan for lot-by-lot tests**

*In the first sentence in the fifth row, replace "Group A2" with "Group A1".*

#### **Table 17 – Test schedule for safety tests only**

*In Group 0 in the "Performance requirements" column, the requirement "As in Table 5" is on the line "5.3.3 Tangent of loss angle". Move "As in Table 5" to line "5.3.5, Insulation resistance".*

*In Group 3 in the "Performance requirements" column, the requirement "No permanent breakdown or flashover" is on the line "5.15 Endurance". Move "No permanent breakdown or flashover" to line "5.14.4 Requirements".*

*In Group 3 in the "Conditions of test" column, on the line "5.15 Endurance", delete the reference to 5.15.4.*

*In Group 3, in the "Subclause number and test" column and in the "Conditions of test" column of the row "5.15.8 Final inspection and measurements", replace both occurrences of "5.15.8" with "5.15.9".*

*In Group 7, "Conditions of test" column, replace "See 5.19.2" with "See 5.19.1 and 5.19.2".*

#### **Table 18 – Assessment level**

*Add footnote c to "C1B" in the "Inspection subgroup" column.*

### **F.2 Test and measurement procedures**

*In the third and fourth paragraphs, replace "5.3" and "5.4" with "5.4" and "5.5", respectively.*

#### **Table F.1 – Test schedule and sampling plan for safety test of surface mount capacitors**

*In the second column of the fourth row, replace "10" with "12".*

*In the second bullet point, replace "prescribed in 5.15.7" with "specified in 5.15.8".*

### **H.3 Additional requirement for use of X- and Y-capacitors in DC applications**

*In the first sentence, replace "Table 13" with "Table 15".*

#### **J.2.4 Conductors between terminals**

*Replace the second sentence of the second paragraph with "Further information about the use of protective coatings and design requirements for circuit boards can be found in IEC 60664-3".*

#### **Table K.1 Sampling plan – Safety and performance tests qualification approval – Assessment level DZ**

*In footnote i, replace "5.15.7" with "5.15.8".*

**Table K.3 – Test schedule for safety and performance tests qualification approval – Assessment level DZ**

*In Group 1A, in row "5.2 Dimensions (detail)", replace "Table 13" with "Table 3".*

*In Group 1B, replace the second occurrence of "5.7.2 Final inspection" with "5.8.3 Final inspection".*

*In Group 2, row "5.13.3 Test conditions", replace the content of the cell in the "Destructive" column with "Half of the sample with  $U_R$  applied; the other half with no voltage applied".*

*In Group 3, replace "5.15.8 Final measurements" with "5.15.9 Final measurements". Replace the five occurrences of "Table 12" with "Table 3".*

*In Group 4, replace the four occurrences of "Table 13" with "Table 14".*

**Table K.4 – Assessment level**

*In the "Inspection subgroup" column, add footnote c to "C1B".*

**Table X.1 – Reference to IEC 60384-14 for clause/subclause or annex**

*In the second column of the header row, replace "IEC 60384-14:20xx" with "IEC 60384-14:2023".*

*In row "3.5.1.2", replace "3.5.1.2" with "3.5.1.2.2" and "K.2.3" with "K.3.3".*

*In row "4.14.1.1", replace "5.15.2.2" with "5.15.3".*

*In row "4.14.2 to 4.14.7", replace "5.15.3 to 5.15.8" with "5.15.4 to 5.15.9".*

**Table X.2 – Reference to IEC 60384-14 for figure/table**

*In the second column of the header row, replace "IEC 60384-14:20xx" with "IEC 60384-14:2023".*

*In the row "Table 3", replace "Table 14" with "Table 15".*

*In the row "Table 5 upper part", replace "Table 15" with "Table 16".*

*In the row "Table 6", replace "Table 16" with "Table 17".*

*In the row "Table 8", replace "Table 17 and Table K.4" with "Table 18 and Table K.4".*

*In the row "-" below the row "Table 14 and Table 15", replace "Table 11" with "Table 11 and Table 12".*

*In the row "Table 16 and Table 17", replace "Table 12 and Table 13" with "Table 13 and Table 14".*

## Bibliography

*Add the following reference:*

*IEC 60664-3, Insulation coordination for equipment within low-voltage systems – Part 3: Use of coating, potting or moulding for protection against pollution*