EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 60384-16:2019/AC:2020-12

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English Version

Fixed capacitors for use in electronic equipment - Part 16: Sectional specification - Fixed metallized polypropylene film dielectric DC capacitors (IEC 60384-16:2019/COR1:2020)

Condensateurs fixes utilisés dans les équipements électroniques - Partie 16: Spécification intermédiaire - Condensateurs fixes pour courant continu à diélectrique en film de polypropylène métallisé (IEC 60384-16:2019/COR1:2020)

Festkondensatoren zur Verwendung in Geräten der Elektronik - Teil 16: Rahmenspezifikation - Festkondensatoren mit metallisierter Polypropylen-Folie als Dielektrikum für Gleichspannung (IEC 60384-16:2019/COR1:2020)

This corrigendum becomes effective on 25 December 2020 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 60384-16:2019/COR1:2020 was approved by CENELEC as EN IEC 60384-16:2019/AC:2020-12 without any modification.

INTERNATIONAL ELECTROTECHNICAL COMMISSION

COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

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IEC 60384-16
Edition 3.0 2019-09

FIXED CAPACITORS FOR USE IN ELECTRONIC EQUIPMENT –

Part 16: Sectional specification – Fixed metallized polypropylene film dielectric DC capacitors

IEC 60384-16
Édition 3.0 2019-09

CONDENSATEURS FIXES UTILISÉS DANS LES ÉQUIPEMENTS ÉLECTRONIQUES –

Partie 16: Spécification intermédiaire – Condensateurs fixes pour courant continu à diélectrique en film de polypropylène métallisé

CORRIGENDUM 1

Corrections to the French version appear after the English text.

Les corrections applicables à la version française sont publiées après celles applicables à la version anglaise.

Table 3 – Sampling plan for qualification approval tests, assessment level EZ

Replace Table 3 with the following new table:

Group No.	Test	Subclause	Number of specimens (n) and permissible number of non-conforming items (c)				
			Per value[b]	For four or fewer values to be tested[b]		For six values to be tested[b]	
			n	4 n	c	6 n	c
0	Visual examination Dimensions Capacitance Tangent of loss angle Voltage proof Insulation resistance Inductance[a] Sealing[a] Spare specimens	4.1 4.1 4.2.2 4.2.3 4.2.1 4.2.4 4.2.5 4.16	29 (+5)[a] (+5)[a] 2	116 (+20)[a] (+20)[a] 8	0	174 (+30)[a] (+30)[a] 12	0
1A	Robustness of terminations Resistance to soldering heat Component solvent resistance	4.3 4.4 4.14	3	12	0	18	0
1B	Solderability Solvent resistance of the marking Rapid change of temperature Vibration Bump or shock[a]	4.5 4.15 4.6 4.7 4.8 or 4.9	6	24	0	36	0
1	Climatic sequence	4.10	9	36	0	54	0

	2	Damp heat, steady state Damp heat, steady state with voltage	4.11		5 (+5)[a]		20 (+20)[a]		0		30 (+30)[a]		0
	3	Endurance	4.12		10		40		0		60		0
	4	Characteristics depending on temperature[a] Charge and discharge	4.2.6 4.13		5		20		0		30		0

[a] If required.

[b] For capacitance-voltage combinations, see 3.4.2.

A.1 Scope

Replace "2.1.1" with "2.1" *in the first line*.

A.2.2 Grade (I) robustness under humidity

Replace the 1st paragraph with the following text:

An additional sample shall be tested with rated DC voltage applied. See 2.1 and 4.11.3, b).

A.2.3 Grade (II) robustness under high humidity

Replace the 1st paragraph with the following text:

An additional sample shall be tested with rated DC voltage applied. See 2.1 and 4.11.3, b).

A.2.4 Grade (III) high robustness under high humidity

Replace the 1st paragraph with the following text:

An additional sample shall be tested with rated DC voltage applied. See 2.1 and 4.11.3, b).

In Note 2, replace "non-existant" *by* "non-existent".