
Sectional specification: Fixed tantalum capacitors with solid electrolyte, porous anode

Blank Detail Specification: Fixed tantalum capacitors with solid electrolyte, porous anode (sub-family 3)

Vordruck für Bauartspezifikation: Tantal-Festkondensatoren mit festem Elektrolyten und Sinteranode (Unterfamilie 3)

Spécification particulière cadre: Condensateurs fixes au tantale à électrolyte solide, à anode poreuse (sous-famille 3)

[SIST EN 130201:2002/A2:2002](https://standards.iteh.ai/catalog/standards/sist/9e2ac8d9-68c8-40b8-9c7f-3249507db584/sist-en-130201-2002-a2-2002)

[https://standards.iteh.ai/catalog/standards/sist/9e2ac8d9-68c8-40b8-9c7f-](https://standards.iteh.ai/catalog/standards/sist/9e2ac8d9-68c8-40b8-9c7f-3249507db584/sist-en-130201-2002-a2-2002)

[3249507db584/sist-en-130201-2002-a2-2002](https://standards.iteh.ai/catalog/standards/sist/9e2ac8d9-68c8-40b8-9c7f-3249507db584/sist-en-130201-2002-a2-2002)

Ta slovenski standard je istoveten z: EN 130201:1993/A2:1998

ICS:

31.060.40

Tantalski elektrolitni
kondenzatorji

Tantalum electrolytic
capacitors

SIST EN 130201:2002/A2:2002

en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 130201:2002/A2:2002

<https://standards.iteh.ai/catalog/standards/sist/9e2ac8d9-68c8-40b8-9c7f-3249507db584/sist-en-130201-2002-a2-2002>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 130201/A2

March 1998

Descriptors: Quality, electronic components, capacitors

English version

**Blank Detail Specification:
Fixed tantalum capacitors with solid electrolyte, porous anode**

Spécification particulière cadre:
Condensateurs fixes au tantale à
électrolyte solide, à anode poreuse

Vordruck für Bauartspezifikation:
Tantal-Festkondensatoren mit festem
Elektrolyten und Sinteranode

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 130201:2002/A2:2002

<https://standards.iteh.ai/catalog/standards/sist/9e2ac8d9-68c8-40b8-9c7f-249307d05845/sist-en-130201-2002-a2-2002>

This amendment A2 modifies the European Standard EN 130201:1993; it was approved by CENELEC on 1994-10-16. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

This amendment to the European Standard EN 130201 was prepared by CLC/TC CECC/SC 40XA (former WG 3), Capacitors.

The text of the draft based on document CECC(Secretariat)3542 was submitted to the formal vote; together with the voting report, circulated as document CECC(Secretariat)3621, it was approved as amendment A2 to EN 130201:1993 on 1994-10-16.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 1998-10-01
- latest date by which national standards conflicting with the amendment have to be withdrawn (dow) 1999-10-01

The following changes are to be made to EN 130201:1993 :

- delete pages 7 and 9;
- insert the new pages 7 and 9.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 130201:2002/A2:2002

<https://standards.iteh.ai/catalog/standards/sist/9e2ac8d9-68c8-40b8-9c7f-3249507db584/sist-en-130201-2002-a2-2002>



1.6 Ordering information

Orders for capacitors covered by this specification shall contain, in clear or coded form, the following minimum of information

- (1) Rated capacitance
- (2) Tolerance on rated capacitance
- (3) Rated voltage
- (4) Number and issue reference of the detail specification and style reference.

1.7 Certified test records of released lots

Required/not required.

1.8 Additional information (not for inspection purposes)

1.9 Additional or increased severities or requirements to those specified in the generic and/or sectional specification

NOTE - Additional or increased requirements should be specified only when essential.

iTeh STANDARD PREVIEW
(standards.iTeh.ai)

TABLE 3
Other characteristics

This table is to be used for defining characteristics which are additional to or more severe than those given in the sectional specification

2 - INSPECTION REQUIREMENTS

2.1 Procedures

2.1.1 For Qualification Approval the procedures shall be in accordance with 3.4 of EN 130200.

2.1.2 For Quality Conformance Inspection the test schedule (Table 4) includes sampling, periodicity, severities and requirements. The formation of inspection lots is covered by 3.5.1 of EN 130200.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 130201:2002/A2:2002

<https://standards.iteh.ai/catalog/standards/sist/9e2ac8d9-68c8-40b8-9c7f-3249507db584/sist-en-130201-2002-a2-2002>

TABLE 4A (concluded)

Clause number and test ¹⁾	Conditions of test ¹⁾	IL	AQL ²⁾	Performance requirements ¹⁾
Group B3	Non-destructive	S-3	2,5	
4.15 Characteristics at high and low temperature⁴⁾	Step 1: At 20 °C Capacitance Tangent of loss angle Impedance ⁴⁾ Leakage current Step 2: At lower category temperature Capacitance Tangent of loss angle Impedance ⁴⁾ Step 3: At 20 °C Capacitance Tangent of loss angle Leakage current Step 4: At rated temperature Capacitance Tangent of loss angle Impedance ⁴⁾ Leakage current Step 5: At upper category temperature Capacitance Tangent of loss angle Impedance ⁴⁾ Leakage current Step 6: At 20 °C Capacitance Tangent of loss angle Leakage current			As reference value See Table 2B See Table 2C See Table 2B See Table 2B See Table 2B See Table 2C See Table 2B See Table 2B See Table 2B See Table 2B See Table 2B See Table 2C See Table 2B See Table 2B See Table 2B See Table 2C See Table 2B See Table 2B See Table 2B See Table 2B

1) Refers to section 4 of EN 130200

2) Inspection levels IL and Acceptable Quality Levels AQL are selected from IEC 410

3) To be specified in the detail specification

4) If required by the detail specification

5) If APA applies, non-conforming items shall be recorded. For further information see 3.10 of EN 130000

6) If applicable

7) Capacitors which have been submitted to the tests of Group B1 may be released if they have not been submitted to ageing and are resubmitted to the tests of Group A and pass those tests. It is permitted to submit electrically defective capacitors or detached terminations instead of completed capacitors to this test provided they have been subjected to the same process treatments as a completed capacitor.