



SLOVENSKI STANDARD

SIST EN 61747-3-1:2002

01-september-2002

Liquid crystal and solid-state display devices - Part 3-1: Liquid crystal display (LCD) cells - Blank detail specification (IEC 61747-3-1:1998)

Liquid crystal and solid-state display devices -- Part 3-1: Liquid crystal display (LCD) cells - Blank detail specification

Flüssigkristall- und Halbleiter-Anzeige-Bauelemente -- Teil 3-1: Flüssigkristall-Anzeigezellen (LCD-Zellen) - Vordruck für Bauartspezifikation

Dispositifs d'affichage à cristaux liquides et à semiconducteurs -- Partie 3-1: Cellules d'affichage à cristaux liquides (LCD) - Spécification particulière cadre

[https://standards.iteh.ai/catalog/standards/sist/df7b1343-a61d-4e34-8401-](https://standards.iteh.ai/catalog/standards/sist/df7b1343-a61d-4e34-8401-df39a0b6e897/sist-en-61747-3-1-2002)

Ta slovenski standard je istoveten z: EN 61747-3-1:1999

ICS:

31.120	Elektronske prikazovalne naprave	Electronic display devices
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SIST EN 61747-3-1:2002

en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61747-3-1

September 1999

ICS 31.120

English version

Liquid crystal and solid-state display devices
Part 3-1: Liquid crystal display (LCD) cells - Blank detail specification
(IEC 61747-3-1:1998)

Dispositifs d'affichage à cristaux
liquides et à semiconducteurs
Partie 3-1: Cellules d'affichage à
cristaux liquides (LCD)
Spécification particulière cadre
(CEI 61747-3-1:1998)

Flüssigkristall- und
Halbleiter-Anzeige-Bauelemente
Teil 3-1: Flüssigkristall-Anzeigezellen
(LCD-Zellen) - Vordruck für
Bauartspezifikation
(IEC 61747-3-1:1998)

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This European Standard was approved by CENELEC on 1999-08-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard 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 European Standard 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

The text of the International Standard IEC 61747-3-1:1998, prepared by SC 47C, Flat panel display devices, of IEC TC 47, Semiconductor devices, was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 61747-3-1 on 1999-08-01 without any modification.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2000-08-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2002-08-01

Annexes designated "normative" are part of the body of the standard.
In this standard, annex ZA is normative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61747-3-1:1998 was approved by CENELEC as a European Standard without any modification.

SIST EN 61747-3-1:2002

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Annex ZA (normative)**Normative references to international publications
with their corresponding European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE: When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61747-1	1998	Liquid crystal and solid-state display devices Part 1: Generic specification	EN 61747-1	1999
IEC 61747-3	1998	Part 3: Sectional specification for liquid crystal display (LCD) cells	EN 61747-3	1999

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61747-3-1

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Première édition

First edition

1998-04

**Dispositifs d'affichage à cristaux liquides
et à semiconducteurs –**

Partie 3-1:

**Cellules d'affichage à cristaux liquides (LCD) –
Spécification particulière cadre**

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Liquid crystal and solid-state display devices –

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[d92a1b6e897/sist-en-61747-3-1-2002](https://standards.iteh.ai/catalog/standards/sist/df7b1343-a61d-4e34-8401-d92a1b6e897/sist-en-61747-3-1-2002)

Part 3-1:

**Liquid crystal display (LCD) cells –
Blank detail specification**

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

LIQUID CRYSTAL AND SOLID-STATE DISPLAY DEVICES –

Part 3-1: Liquid crystal display (LCD) cells –
Blank detail specification

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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- 6) Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. The IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 61740-3-1 has been prepared by subcommittee 47C: Optoelectronic, display and imaging devices, of IEC technical committee 47: Semiconductor devices.

The text of this standard is based on the following documents:

FDIS	Report on voting
47C/197/FDIS	47C/204/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

The QC number that appears on the front cover of this publication is the specification number in the IECQ Quality Assessment System for Electronic Components (IECQ).

LIQUID CRYSTAL AND SOLID-STATE DISPLAY DEVICES –

Part 3-1: Liquid crystal display (LCD) cells – Blank detail specification

INTRODUCTION

The IEC quality assessment system for electronic components is operated in accordance with the statutes of the IEC and under the authority of the IEC. The object of this system is to define assessment procedures in such a manner that electronic components released by one participating country as conforming with the requirements of an applicable specification are equally acceptable in all participating countries without the need for further testing.

This blank detail specification is one of a series of blank detail specifications for liquid crystal display devices and should be used with the following IEC publications:

IEC 61747-1:1998, *Liquid crystal and solid-state display devices – Part 1: Generic specification*

IEC 61747-3:1998, *Liquid crystal and solid-state display devices – Part 3: Sectional specification for liquid crystal display (LCD) cells*

Required information

Numbers shown in brackets on this and the following pages correspond to the following items of required information which should be entered in spaces provided.

Identification of the detail specification

- [1] The name of the National Standards Organization under whose authority the detail specification is issued.
- [2] The IECQ number of the detail specification.
- [3] The numbers and issue numbers of the generic and sectional specifications.
- [4] The national number of the detail specification, date of issue and any further information, if required by the national system.

Identification of the component

- [5] Type of component.
- [6] Information on typical construction and applications. If a device is designed to satisfy several applications, this shall be stated here. Characteristics, limits and inspection requirements for these applications shall be met. If a device is electrostatically sensitive, or contains hazardous materials, a caution statement shall be added in the detail specification.
- [7] Outline drawing and/or reference to the relevant document for outlines.
- [8] Category of assessment quality.
- [9] Reference data on the most important properties to permit comparison between types.

[Throughout this standard, the text given in square brackets are intended for guidance to the specification writer and shall not be included in the detail specification.]

[Throughout this standard, when a characteristic or rating applies, “x” denotes that a value shall be inserted in the detail specification.]