



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 61191-4:1999**

ICS 31.240

## **PRINTED BOARD ASSEMBLIES**

### **PART 4: SECTIONAL SPECIFICATION**

### **REQUIREMENTS FOR TERMINAL SOLDERED**

### **ASSEMBLIES**

**(IEC 61191-4:1998)**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 61191-4**

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ICS 31.240

English version

**Printed board assemblies  
Part 4: Sectional specification  
Requirements for terminal soldered assemblies  
(IEC 61191-4:1998)**

Ensembles de cartes imprimées  
Partie 4: Spécification intermédiaire  
Exigences relatives à l'assemblage de  
bornes par brasage  
(CEI 61191-4:1998)

Elektronikaufbauten auf Leiterplatten  
Teil 4: Rahmenspezifikation  
Anforderungen an gelötete Baugruppen  
mit Lötstützpunkten  
(IEC 61191-4:1998)

This European Standard was approved by CENELEC on 1998-10-01. 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 document 91/135/FDIS, future edition 1 of IEC 61191-4, prepared by IEC TC 91, Surface mounting technology, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61191-4 on 1998-10-01.

This EN 61191-4 is to be used in conjunction with EN 61191-1:1998.

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) 1999-07-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2001-07-01

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.

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### **Endorsement notice**

The text of the International Standard IEC 61191-4:1998 was approved by CENELEC as a European Standard without any modification.

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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 61191-1	1998	Printed board assemblies Part 1: Generic specification - Requirements for soldered electrical and electronic assemblies using surface mount and related assembly technologies	EN 61191-1	1998



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