



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 60947-5-7:2003**

ICS 29.130.20

**LOW-VOLTAGE SWITCHGEAR AND  
CONTROLGEAR  
PART 5-7: CONTROL CIRCUIT DEVICES AND  
SWITCHING ELEMENTS -  
REQUIREMENTS FOR PROXIMITY DEVICES  
WITH ANALOGUE OUTPUT  
(IEC 60947-5-7:2003)**

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EUROPEAN STANDARD

**EN 60947-5-7**

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2003

ICS 29.130.20

Supersedes EN 50319:1999

English version

**Low-voltage switchgear and controlgear**  
**Part 5-7: Control circuit devices and switching elements -**  
**Requirements for proximity devices with analogue output**  
**(IEC 60947-5-7:2003)**

Appareillage à basse tension  
Partie 5-7: Appareils et éléments  
de commutation pour circuits  
de commande -  
Prescriptions pour les détecteurs  
de proximité à sortie analogique  
(CEI 60947-5-7:2003)

Niederspannungsschaltgeräte  
Teil 5-7: Steuergeräte und Schaltelemente -  
Anforderungen an Näherungssensoren  
mit Analogausgang  
(IEC 60947-5-7:2003)

This European Standard was approved by CENELEC on 2003-09-01. 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, Hungary, Iceland, Ireland, Italy, Lithuania, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, 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 17B/1277/FDIS, future edition 1 of IEC 60947-5-7, prepared by SC 17B, Low-voltage switchgear and controlgear, of IEC TC 17, Switchgear and controlgear, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60947-5-7 on 2003-09-01.

This standard should be used in conjunction with EN 60947-5-2:1998.

This European Standard supersedes EN 50319:1999.

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) | 2004-06-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn   | (dow) | 2006-09-01 |

Annexes designated "normative" are part of the body of the standard.

Annexes designated "informative" are given for information only.

In this standard, annex ZA is normative and annex G is informative.

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 60947-5-7:2003 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

- |             |      |  |
|-------------|------|--|
| IEC 60381-1 | NOTE | Harmonized as HD 452.1 S1:1984 (not modified). |
| IEC 60770-1 | NOTE | Harmonized as EN 60770-1:1999 (not modified).  |
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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 60947-5-2 (mod)	1997	Low-voltage switchgear and controlgear Part 5-2: Control circuit devices and switching elements - Proximity switches	EN 60947-5-2	1998
A1	1999		A1	1999



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