



National Standards Authority of Ireland

IRISH STANDARD

I.S. TS 61496-3:2003

ICS 13.110
29.260

**SAFETY OF MACHINERY -
ELECTRO-SENSITIVE PROTECTIVE
EQUIPMENT PART 3: PARTICULAR
REQUIREMENTS FOR ACTIVE
OPTO-ELECTRONIC PROTECTIVE DEVICES
RESPONSIVE TO DIFFUSE REFLECTION
(AOPDDR) (IEC 61496-3:2001)**

National Standards
Authority of Ireland
Dublin 9
Ireland

Tel: (01) 807 3800
Tel: (01) 807 3838

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Údarás um Chaighdeáin Náisiúnta na hÉireann

TECHNICAL SPECIFICATION

CLC/TS 61496-3

SPECIFICATION TECHNIQUE

TECHNISCHE SPEZIFIKATION

December 2003

ICS 13.110; 29.260

Supersedes EN 61496-3:2001

English version

**Safety of machinery –
Electro-sensitive protective equipment
Part 3: Particular requirements for
Active Opto-electronic Protective Devices
responsive to Diffuse Reflection (AOPDDR)
(IEC 61496-3:2001)**

Sécurité des machines –
Equipements de protection
électro-sensibles
Partie 3: Prescriptions particulières
pour les équipements utilisant des
dispositifs protecteurs opto-électroniques
actifs sensibles aux réflexions diffuses
(AOPDDR)
(CEI 61496-3:2001)

Sicherheit von Maschinen –
Berührungslos wirkende
Schutzeinrichtungen
Teil 3: Besondere Anforderungen an
aktive optoelektronische diffuse
Reflektion nutzende Schutzeinrichtungen
(AOPDDR)
(IEC 61496-3:2001)

This Technical Specification was approved by CENELEC on 2003-12-02.

CENELEC members are required to announce the existence of this TS in the same way as for an EN and to make the TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force.

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 the International Standard IEC 61496-3:2001, prepared by IEC TC 44, Safety of machinery - Electrotechnical aspects, was approved by CENELEC as CLC/TS 61496-3 on 2003-12-02 without any modification.

This Technical Specification supersedes EN 61496-3:2001.

The following date was fixed:

- latest date by which the existence of the CLC/TS
has to be announced at national level (doa) 2004-02-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61496-3:2001 was approved by CENELEC as a Technical Specification without any modification.

Annex ZA
(normative)

**Normative references to international publications
with their corresponding European publications**

This Technical Specification 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 Technical Specification 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 60068-2-14	1984	Environmental testing Part 2: Tests - Test N: Change of temperature	EN 60068-2-14 ¹⁾	1999
IEC 60068-2-75	1997	Part 2-75: Tests - Test Eh: Hammer tests	EN 60068-2-75	1997
IEC 60825-1	1993	Safety of laser products Part 1: Equipment classification, requirements and user's guide	EN 60825-1 + corr. February	1994 1995
IEC 61496-1	1997	Safety of machinery - Electro-sensitive protective equipment Part 1: General requirements and tests	EN 61496-1	1997
—	—	High-visibility warning clothing	EN 471	1994

¹⁾ EN 60068-2-14 includes A1:1986 to IEC 60068-2-14.

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