



**NSAI**  
Standards

Standard Recommendation  
S.R. CLC/TS 62046:2008

# Safety of machinery - Application of protective equipment to detect the presence of persons (IEC/TS 62046:2008 (EQV))

## S.R. CLC/TS 62046:2008

*Incorporating amendments/corrigenda issued since publication:*

<i>This document replaces:</i> I.S. CLC/TS 62046	<i>This document is based on:</i> CLC/TS 62046:2008 CLC/TS 62046:2005	<i>Published:</i> 23 May, 2008 1 July, 2005	
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Údarás um Chaighdeáin Náisiúnta na hÉireann			

English version

**Safety of machinery -  
Application of protective equipment  
to detect the presence of persons  
(IEC/TS 62046:2008)**

Sécurité des machines -  
Application des équipements de protection  
à la détection de la présence  
de personnes  
(CEI/TS 62046:2008)

Sicherheit von Maschinen -  
Anwendung von Schutzausrüstungen zur  
Anwesenheitserkennung von Personen  
(IEC/TS 62046:2008)

This Technical Specification was approved by CENELEC on 2008-05-01.

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, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the 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**

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**Foreword**

The text of document 44/534/CDV, future edition 2 of IEC/TS 62046, prepared by IEC TC 44, Safety of machinery - Electrotechnical aspects, was submitted to the IEC-CENELEC Parallel Unique Acceptance Procedure and was approved by CENELEC as CLC/TS 62046 on 2008-05-01.

This Technical Specification supersedes CLC/TS 62046:2005.

CLC/TS 62046:2008 includes further examples of interfacing and muting techniques.

The following date was fixed:

- latest date by which the existence of the CLC/TS  
has to be announced at national level (doa) 2008-08-01

Annex ZA has been added by CENELEC.

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**Endorsement notice**

The text of the Technical Specification IEC/TS 62046:2008 was approved by CENELEC as a Technical Specification without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

ISO 13857                      NOTE Harmonized as EN ISO 13857:2008 (not modified).

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## Annex ZA (normative)

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

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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 60204-1 (mod)	- <sup>1)</sup>	Safety of machinery - Electrical equipment of machines - Part 1: General requirements	EN 60204-1	2006 <sup>2)</sup>
IEC 61496-1 (mod)	2004	Safety of machinery - Electro-sensitive protective equipment - Part 1: General requirements and tests	EN 61496-1	2004
IEC 61496-2	1997	Safety of machinery - Electro-sensitive protective equipment - Part 2: Particular requirements for equipment using active opto-electronic protective devices (AOPD)	CLC/TS 61496-2 <sup>3)</sup>	2003
IEC 61496-3	2001	Safety of machinery - Electro-sensitive protective equipment - Part 3: Particular requirements for Active Opto-electronic Protective Devices responsive to Diffuse Reflection (AOPDDR)	CLC/TS 61496-3 <sup>4)</sup>	2003
IEC 62061	- <sup>1)</sup>	Safety of machinery - Functional safety of safety-related electrical, electronic and programmable electronic control systems	EN 62061	2005 <sup>2)</sup>
ISO 12100-1	2003	Safety of machinery - Basic concepts, general principles for design - Part 1: Basic terminology, methodology	EN ISO 12100-1	2003
ISO 12100-2	2003	Safety of machinery - Basic concepts, general principles for design - Part 2: Technical principles	EN ISO 12100-2	2003
ISO 13849	Series	Safety of machinery - Safety-related parts of control systems	EN ISO 13849	Series
ISO 13855	2002	Safety of machinery - Positioning of protective equipment with respect to the approach speeds of parts of the human body	-	-
ISO 13856-1	2001	Safety of machinery - Pressure-sensitive protective devices - Part 1: General principles for design and testing of pressure-sensitive mats and pressure-sensitive floors	-	-
ISO 14121	Series	Safety of machinery - Risk assessment	EN ISO 14121	Series

<sup>1)</sup> Undated reference.

<sup>2)</sup> Valid edition at date of issue.

<sup>3)</sup> CLC/TS 61496-2 is superseded by CLC/TS 61496-2:2006, which is based on IEC 61496-2:2006.

<sup>4)</sup> CLC/TS 61496-3 is superseded by CLC/TS 61496-3:2008, which is based on IEC 61496-3:2008.



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