



National Standards Authority of Ireland

STANDARD

**I.S. EN 60372:2004**

ICS 17.220.99  
29.035.99

**LOCKING DEVICES FOR BALL AND SOCKET  
COUPLINGS OF STRING INSULATOR UNITS -  
DIMENSIONS AND TESTS (IEC 60372:1984 &  
A1:1991 & A2:2003)**

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EUROPEAN STANDARD

**EN 60372**

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2004

ICS 17.220.99; 29.035.99

English version

**Locking devices for ball and socket couplings  
of string insulator units –  
Dimensions and tests  
(IEC 60372:1984 + A1:1991 + A2:2003)**

Dispositifs de verrouillage pour  
les assemblages à rotule et logement  
de rotule des éléments de chaînes  
d'isolateurs –  
Dimensions et essais  
(CEI 60372:1984 + A1:1991 + A2:2003)

Sicherungsvorrichtungen für Klöppel-  
und Pfannen-Verbindungen  
von Kettenisolatoren –  
Maße und Prüfungen  
(IEC 60372:1984 + A1:1991 + A2:2003)

This European Standard was approved by CENELEC on 2004-06-01. 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.

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**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 60372:1984 + A1:1991 + A2:2003, prepared by SC 36B, Insulators for overhead lines, of IEC TC 36, Insulators, was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 60372 on 2004-06-01 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) 2005-06-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2007-06-01

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 60372:1984 + A1:1991 + A2:2003 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

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 Where 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 60120	1984	Dimensions of ball and socket couplings of string insulator units	HD 474 S1	1986
IEC 60383	1983 <sup>1)</sup>	Test on insulators of ceramic material or glass for overhead lines with a nominal voltage greater than 1 kV	-	-
ISO 2713	1973	Copper and copper alloys - Rockwell hardness test (B, F and G scales)	-	-
ISO 6506	1981	Metallic materials - Hardness test - Brinell test	-	-
ISO 6507-1	1982	Metallic materials - Hardness test - Vickers test Part 1: HV 5 to HV 100	-	-

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<sup>1)</sup> IEC 60383:1983 is superseded by IEC 60383-1:1993 and IEC 60383-2:1993 which are respectively harmonized as EN 60383-1:1996 and EN 60383-2:1995.

**NORME  
INTERNATIONALE  
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**CEI  
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**60372**

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1984-01

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**Dispositifs de verrouillage pour les assemblages  
à rotule et logement de rotule des éléments de  
chaînes d'isolateurs – Dimensions et essais**

**Locking devices for ball and socket couplings of  
string insulator units – Dimensions and tests**



Numéro de référence  
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