



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60870-6-502:1999

ICS 33.200

**TELECONTROL EQUIPMENT AND SYSTEMS -  
PART 6: TELECONTROL PROTOCOLS  
COMPATIBLE WITH ISO STANDARDS AND  
ITU-T RECOMMENDATIONS - SECTION 502:  
TASE.1 PROTOCOL DEFINITIONS  
(IEC 870-6-502:1995)**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60870-6-502**

May 1996

ICS 33.200

Descriptors: Open systems interconnection, telecontrol, protocol, abstract syntax, application service element, remote operations service element, association control service element

English version

**Telecontrol equipment and systems**  
**Part 6: Telecontrol protocols compatible with ISO standards**  
**and ITU-T recommendations**  
**Section 502: TASE.1 Protocol definitions**  
**(IEC 870-6-502:1995)**

Matériels et systèmes de téléconduite  
Partie 6: Protocoles de téléconduite  
compatibles avec les normes ISO et  
les recommandations de l'UIT-T  
Section 502: Définitions du protocole  
TASE.1  
(CEI 870-6-502:1995)

Fernwirkeinrichtungen und -systeme  
Teil 6: Fernwirkprotokolle, die mit  
ISO-Normen und ITU-T-Empfehlungen  
kompatibel sind  
Hauptabschnitt 502: Beschreibung der  
TASE.1-Protokolle  
(IEC 870-6-502:1995)

This European Standard was approved by CENELEC on 1996-03-05. 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, 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 57/223/FDIS, future edition 1 of IEC 870-6-502, prepared by IEC TC 57, Power system control and associated communications, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60870-6-502 on 1996-03-05.

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) 1996-12-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 1996-12-01

Annexes designated "normative" are part of the body of the standard.  
In this standard, annexes A and ZA are normative.  
Annex ZA has been added by CENELEC.

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### Endorsement notice

The text of the International Standard IEC 870-6-502:1995 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 870-6-501	1995	Telecontrol equipment and systems Part 6: Telecontrol protocols compatible with ISO standards and ITU-T recommendations Section 501: TASE.1 Service definitions	EN 60870-6-501	1996
ISO/IEC 8824	1990	Information technologie - Open Systems Interconnection - Specification of the Abstract Syntax Notation One (ASN.1)	-	-
ISO/IEC 8825	1990	Information technology - Open Systems Interconnection - Specification of Basic Encoding Rules for Abstract Syntax Notation One (ASN.1)	-	-
ISO/IEC 9072-1	1989	Information processing systems - Text communication - Remote Operations Part 1: Model notation and service definition	-	-
ISO/IEC 9072-2	1989	Part 2: Protocol specification	-	-
ISO/DIS 8825-2		Information technology - Open Systems Interconnection - Specification of Basic Encoding Rules for Abstract Syntax Notation One (ASN.1) Part 2: Packed encoding rules	-	-
ISO 7498	1984	Information processing systems - Open Systems Interconnection - Basic Reference Model	EN 27498	1989
ISO/TR 8509	1987	Information processing systems - Open Systems Interconnection - Service conventions	-	-
ISO 8649	1988	Information processing systems - Open Systems Interconnection - Service definition for the Association Control Service Element	-	-

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<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISO 8650	1988	Information processing systems - Open Systems Interconnection - Protocol specification for the Association Control Service Element	-	-
ISO 8822	1994	Information technology - Open Systems Interconnection - Presentation service definition	-	-
ISO 8859-1	1987	Information processing - 8-bit single-byte coded graphic character sets Part 1: Latin alphabet N° 1	-	-

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