



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 60870-6-501:1999**

ICS 33.200

**TELECONTROL EQUIPMENT AND SYSTEMS -  
PART 6: TELECONTROL PROTOCOLS  
COMPATIBLE WITH ISO STANDARDS AND  
ITU-T RECOMMENDATIONS - SECTION 510:  
TASE. 1 SERVICE DEFINITIONS  
(IEC 870-6-501:1995)**

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**EUROPEAN STANDARD**  
**NORME EUROPÉENNE**  
**EUROPÄISCHE NORM**

**EN 60870-6-501**

May 1996

ICS 33.200

**Descriptors:** Open systems interconnection, telecontrol, protocol, abstract syntax, application service element, data exchange, service definition, model of the service

English version

**Telecontrol equipment and systems**  
**Part 6: Telecontrol protocols compatible with ISO standards**  
**and ITU-T recommendations**  
**Section 501: TASE.1 Service definitions**  
**(IEC 870-6-501:1995)**

**Matériels et systèmes de téléconduite**  
**Partie 6: Protocoles de téléconduite**  
**compatibles avec les normes ISO et**  
**les recommandations de l'UIT-T**  
**Section 501: Définitions des services**  
**TASE.1**  
**(CEI 870-6-501:1995)**

**Fernwirkeinrichtungen und -systeme**  
**Teil 6: Fernwirkprotokolle, die mit**  
**ISO-Normen und ITU-T-Empfehlungen**  
**kompatibel sind**  
**Hauptabschnitt 501: Beschreibung**  
**des TASE.1-Dienstes**  
**(IEC 870-6-501:1995)**

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 57/222/FDIS, future edition 1 of IEC 870-6-501, 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 60870-6-501 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.  
Annexes designated "informative" are given for information only.  
In this standard, annex ZA is normative and annexes A and B are informative.  
Annex ZA has been added by CENELEC.

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### Endorsement notice

The text of the International Standard IEC 870-6-501:1995 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 870-6-502	1995	Telecontrol equipment and systems Part 6: Telecontrol protocols compatible with ISO standards and ITU-T recommendations Section 502: TASE.1 Protocol definitions	EN 60870-6-502	1996
ISO 7498	1984	Information processing systems - Open Systems Interconnection - Basic Reference Model	EN 27498	1989
ISO 7498-3	1989	Part 3: Naming and addressing	-	-
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	-	-
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/IEC 8824	1990	Information technologie - Open Systems Interconnection - Specification of the 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	-	-



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