



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60870-6-701:1999

ICS 33.200

**TELECONTROL EQUIPMENT AND SYSTEMS.
PART 6-701: TELECONTROL PROTOCOLS
COMPATIBLE WITH ISO STANDARDS AND
ITU-T RECOMMENDATIONS FUNCTIONAL
PROFILE FOR PROVIDING THE TASE. 1
APPLICATION SERVICE IN END SYSTEMS (IEC
60870-6-701:1998)**

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EUROPEAN STANDARD

EN 60870-6-701

NORME EUROPÉENNE

EUROPÄISCHE NORM

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ICS 33.200

Descriptors: Open systems interconnection, telecontrol, application service element, functional profile, end system

English version

**Telecontrol equipment and systems
Part 6-701: Telecontrol protocols compatible with
ISO standards and ITU-T recommendations
Functional profile for providing the TASE.1
application service in end systems
(IEC 60870-6-701:1998)**

Matériels et systèmes de téléconduite
Partie 6-701: Protocoles de téléconduite
compatibles avec les normes ISO et les
recommandations de l'UIT-T
Profils fonctionnels pour fournir le
service d'application TASE.1 dans des
systèmes terminaux
(CEI 60870-6-701:1998)

Fernwirkeinrichtungen und -systeme
Teil 6-701: Fernwirkprotokolle, die mit
ISO-Normen und ITU-T-Empfehlungen
kompatibel sind
Funktionsprofil für den TASE.1-
Anwendungsdienst in Endsystemen
(IEC 60870-6-701:1998)

This European Standard was approved by CENELEC on 1998-10-01. 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, 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 57/357/FDIS, future edition 1 of IEC 60870-6-701, 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 60870-6-701 on 1998-10-01.

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) 1999-07-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2001-07-01

Annexes designated "normative" are part of the body of the standard.

Annexes designated "informative" are given for information only.

In this standard, annexes A and ZA are normative and annex B is informative.

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60870-6-701:1998 was approved by CENELEC as a European Standard without any modification.

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

IEC 60870-6-501 NOTE: Harmonized as EN 60870-6-501:1990(not modified).

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 60870-6-502	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/IEC 8326	1987	Information processing systems - Open systems interconnection - Basic connection oriented session service definition	-	-
ISO/IEC 8327	1987	Information processing systems - Open systems interconnection - Basic connection oriented session protocol specification	-	-
ISO/IEC 8327-2	1996	Information technologies - Open systems interconnection - Connection oriented session protocol - Protocol implementation conformance statement (PICS) proforma	-	-
ISO/IEC 8649	1996	Information technologies - Open systems interconnection - Service definition for the association control service element (ACSE)	-	-
ISO/IEC 8650	1988	Information processing systems - Open Systems Interconnection - Protocol specification for the Association Control Service Element (ACSE)	-	-
ISO/IEC 8650-2	1995	Information technology - Open systems interconnection - Protocol specification for the association control service element Protocol implementation conformance statement (PICS) proforma	-	-
ISO/IEC 8822	1994	Information technology - Open Systems Interconnection - Presentation service definition	-	-

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISO/IEC 8823-2	1995	Information technology - Open systems interconnection - Connection-oriented presentation protocol - Protocol implementation conformance statement (PICS) proforma	-	-
ISO/IEC 9072-2	1989	Information processing systems - Text communication - Remote operations Part 2: Protocol specification	-	-

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