



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)**

National Standards  
Authority of Ireland  
Glasnevin, Dublin 9  
Ireland

Tel: +353 1 807 3800  
Fax: +353 1 807 3838  
<http://www.nsai.ie>

**Sales**  
<http://www.standards.ie>

*This Irish Standard was  
published under the  
authority of the National  
Standards Authority of  
Ireland and comes into  
effect on:  
June 11, 1999*

**NO COPYING WITHOUT NSAI  
PERMISSION EXCEPT AS  
PERMITTED BY COPYRIGHT  
LAW**

© NSAI 1999

**Price Code J**

Údarás um Chaighdeán Náisiúnta na hÉireann



EUROPEAN STANDARD

**EN 60870-6-701**

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 1998

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)

Fernwirkrichtungen 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	-	-

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

- 
- Looking for additional Standards? Visit Intertek Inform Infostore
  - Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
-