



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 62056-42:2002

ICS 91.140.50
35 100 10

ELECTRICITY METERING -
DATA EXCHANGE FOR METER READING,
TARIFF AND LOAD CONTROL
PART 42: PHYSICAL LAYER SERVICES AND
PROCEDURES FOR
CONNECTION-ORIENTED ASYNCHRONOUS
DATA EXCHANGE
(IEC 62056-42:2002)

Irish Standard
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Údarás um Chaighdeáin Náisiúnta na hÉireann

EUROPEAN STANDARD

EN 62056-42

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2002

ICS 91 140 50; 35.100 10

English version

**Electricity metering -
Data exchange for meter reading, tariff and load control
Part 42: Physical layer services and procedures
for connection-oriented asynchronous data exchange
(IEC 62056-42:2002)**

Equipements de mesure
de l'énergie électrique -
Echange des données pour la lecture
des compteurs, le contrôle des tarifs
et de la charge
Partie 42: Services et procédures
de la couche physique pour l'échange
de données à l'aide de connexion
asynchrone
(CEI 62056-42:2002)

Messung der elektrischen Energie -
Zählerstandsübertragung,
Tarif- und Laststeuerung
Teil 42: Bitübertragungsschichtdienste
und Verfahren für verbindungsorientierten
asynchronen Datenaustausch
(IEC 62056-42:2002)

This European Standard was approved by CENELEC on 2002-03-01. 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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, 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 13/1266/FDIS, future edition 1 of IEC 62056-42, prepared by IEC TC 13, Equipment for electrical energy measurement and load control, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62056-42 on 2002-03-01.

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) 2003-01-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2005-03-01

The International Electrotechnical Commission (IEC) and CENELEC draw attention to the fact that it is claimed that compliance with this International Standard / European Standard may involve the use of a maintenance service concerning the stack of protocols on which the present standard IEC 62056-42 / EN 62056-42 is based.

The IEC and CENELEC take no position concerning the evidence, validity and scope of this maintenance service.

The provider of the maintenance service has assured the IEC that he is willing to provide services under reasonable and non-discriminatory terms and conditions with applicants throughout the world. In this respect, the statement of the provider of the maintenance service is registered with the IEC. Information (see also 6.3.3) may be obtained from:

DLMS¹⁾ User Association
Geneva / Switzerland
www.dlms.ch

Annexes designated "normative" are part of the body of the standard.
Annexes designated "informative" are given for information only.
In this standard, annexe ZA is normative and annexes A and B are informative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62056-42:2002 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 61334-4-41	NOTE	Harmonized as EN 61334-4-41:1996 (not modified).
IEC 61334-6	NOTE	Harmonized as EN 61334-6:2000 (not modified).

¹⁾ Device Language Message Specification

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