

INTERNATIONAL STANDARD

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**Electricity metering data exchange – The DLMS/COSEM suite –
Part 6-1: Object Identification System (OBIS)**

**Échange des données de comptage de l'électricité – La suite DLMS/COSEM –
Partie 6-1: Système d'identification des objets (OBIS)**



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IEC Central Office
3, rue de Varembe
CH-1211 Geneva 20
Switzerland

Tel.: +41 22 919 02 11
Fax: +41 22 919 03 00
info@iec.ch
www.iec.ch

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Withdrawing

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**ELECTRICITY METERING DATA EXCHANGE –
THE DLMS/COSEM SUITE –****Part 6-1: Object Identification System (OBIS)**

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DLMS User Association
Zug/Switzerland
www.dlms.com

International Standard IEC 62056-6-1 has been prepared by IEC technical committee 13:
Electrical energy measurement and control.

This third edition cancels and replaces the second edition of IEC 62056-6-1, published in 2015. It constitutes a technical revision.

The main technical changes with respect to the previous edition are listed in Annex B (informative).

The text of this standard is based on the following documents:

FDIS	Report on voting
13/1745/FDIS	13/1748/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all the parts in the IEC 62056 series, published under the general title *Electricity metering data exchange – The DLMS/COSEM suite*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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INTRODUCTION

This third edition of IEC 62056-6-1 has been prepared by IEC TC13 WG14 with a significant contribution of the DLMS User Association, its D-type liaison partner.

This edition is in line with the DLMS UA Blue Book Edition 12.2. This edition specifies new OBIS codes related to new applications and includes some editorial improvements.

Data identification

The competitive electricity market requires an ever-increasing amount of timely information concerning the usage of electrical energy. Recent technology developments enable to build intelligent static metering equipment, which is capable of capturing, processing and communicating this information to all parties involved.

To facilitate the analysis of metering information, for the purposes of billing, load, customer and contract management, it is necessary to uniquely identify data items, whether collected manually or automatically, via local or remote data exchange, in a manufacturer-independent way. The definition of identification codes to achieve this – the OBIS codes – is based on DIN 43863-3:1997, *Electricity meters – Part 3: Tariff metering device as additional equipment for electricity meters – EDIS – Energy Data Identification System*.

Withdrawing