
**Reciprocating internal combustion
engines — Vocabulary of components
and systems —**

Part 10:
Ignition systems

*Moteurs alternatifs à combustion interne — Vocabulaire des
composants et des systèmes —*

Partie 10: Systèmes d'allumage



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 70, *Internal combustion engines*.

This second edition cancels and replaces the first edition (ISO 7967-10:2014), which has been technically revised.

The main changes are as follows:

- [Clause 2](#), Normative references, added;
- subsequent clauses renumbered;
- new terms and definitions added;
- inappropriate words or expressions revised.

A list of all parts in the ISO 7967 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Reciprocating internal combustion engines — Vocabulary of components and systems —

Part 10: Ignition systems

1 Scope

This document establishes a vocabulary for ignition systems of reciprocating internal combustion engines.

In this document, the terms are classified as follows:

- a) types of ignition system;
- b) conventional ignition systems;
- c) electronic ignition systems;
- d) computer-controlled ignition systems;
- e) parameters for ignition systems.

NOTE ISO 2710-1 gives a classification of reciprocating internal combustion engines and defines basic terms and definitions of such engines and their characteristics.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

3.1 Types of ignition system

3.1.1

ignition system

ignition device system to ignite the fuel-air mixture in the cylinder

3.1.2

battery coil ignition system

ignition system (3.1.1) by battery and ignition coil

Note 1 to entry: See [Figure 1](#).