

DIN EN 1047-2

ICS 13.220.40; 13.310; 35.020

Supersedes
DIN EN 1047-2:2013-05

**Secure storage units –
Classification and methods of test for resistance to fire –
Part 2: Data rooms and data container;
English version EN 1047-2:2019,
English translation of DIN EN 1047-2:2019-06**

Wertbehälter –
Klassifizierung und Methoden zur Prüfung des Widerstandes gegen Brand –
Teil 2: Datensicherungsräume und Datensicherungscontainer;
Englische Fassung EN 1047-2:2019,
Englische Übersetzung von DIN EN 1047-2:2019-06

Unités de stockage en lieu sûr –
Classification et méthodes d'essai de résistance au feu –
Partie 2: Conteneurs et chambres réfractaires;
Version anglaise EN 1047-2:2019,
Traduction anglaise de DIN EN 1047-2:2019-06

Document comprises 39 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

A comma is used as the decimal marker.

National foreword

This document (EN 1047-2:2019) has been prepared by Technical Committee CEN/TC 263 “Secure storage of cash, valuables and data media” (Secretariat: BSI, United Kingdom).

The responsible German body involved in its preparation was *DIN-Normenausschuss Maschinenbau* (DIN Standards Committee Mechanical Engineering), Working Committee NA 060-06-20-01 AA “Secure storage units”. Representatives of manufacturers and users of data rooms and data containers, and of the employers' liability insurance associations contributed to this standard.

The European Standards referred to in Clause 2 and in the Bibliography of the EN have been published as the corresponding DIN EN or DIN EN ISO Standards with the same number.

Where the International Standards referred to are not also DIN ISO Standards with the same number, there are no national standards available, except for:

HD 361 S3:1999

DIN VDE 0292 (VDE 0292):1999-10

Amendments

This standard differs from DIN EN 1047-2:2013-05 as follows:

- a) references have been updated;
- b) the terms and definitions have been brought in line with the state of the art;
- c) the requirements in Table 1 have been changed;
- d) the requirements for doors have been updated (see 4.2);
- e) in order to improve the legibility of the standard, the general requirements (e.g. equipment of the test specimen and position of fire-retarding penetration seals) for data rooms of Type A and Type B as well as for data containers have been moved to a new clause (see 5.1);
- f) the configuration (including the number and type of cables and pipes reaching into the room) for the type test and series products has been defined more precisely and has been brought in line with the state of the art (see 3.8, 5.1.2 and 7.2);
- g) the test specimen in the furnace is now allowed to be higher than the former upper limit of 2 700 mm (see 5.2.2 as well as 5.3.1) in order to meet the customers' requirements for higher data rooms;
- h) a new type test for the floor has been added (see 5.2.4, 5.3.3, 5.4.3, 5.5, 6.2.1d, 6.3.7, 6.6.3 as well as Annex A);
- i) the requirements for the comparison test have been changed (see Table 1, 5.6, 6.2.1e, 6.3.8, 6.4.5 and 6.6.4);
- j) the thermocouples have been repositioned in the data room (see 6.3.4);

- k) the requirements for series products have been updated. In addition, these requirements have been moved from the Scope to the new Clause 7 “Series production”. Among other things, the height of the data room may now be increased by 35 % or decreased by 35 % (both were at 50 % before);
- l) the figures have been updated;
- m) editorial changes have been made throughout the standard.

Previous editions

DIN EN 1047-2: 2000-02, 2010-04, 2013-05

National Annex NA
(informative)

Bibliography

DIN VDE 0292 (VDE 0292):1999-10, *System for cable designation*

English Version

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Wertbehältnisse —
Klassifizierung und Methoden zur Prüfung des
Widerstandes gegen Brand —
Teil 2: Datensicherungsräume und
Datensicherungscontainer

This European Standard was approved by CEN on 11 February 2019.

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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 CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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