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Edition 1.1 2021-05
CONSOLIDATED VERSION

INTERNATIONAL STANDARD

colour inside

Home and building electronic systems (HBES) and building automation and control systems (BACS) – Part 1: General requirements

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REDLINE VERSION

colour inside

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Part 1: General requirements



IEC 63044-1:2017-01+AMD1:2021-05 CSV(en)

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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Part 1: General requirements

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IEC 63044-1 edition 1.1 contains the first edition (2017-01) [documents 23/734/CDV and 23/746/RVC] and its amendment 1 (2021-05) [documents 23/913/CDV and 23/962A/RVC].

In this Redline version, a vertical line in the margin shows where the technical content is modified by amendment 1. Additions are in green text, deletions are in strikethrough red text. A separate Final version with all changes accepted is available in this publication.

International Standard IEC 63044-1 has been prepared by IEC technical committee 23: Electrical accessories.

A list of all parts in the IEC 63044 series, published under the general title *Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS)*, can be found on the IEC website.

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

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HOME AND BUILDING ELECTRONIC SYSTEMS (HBES) AND BUILDING AUTOMATION AND CONTROL SYSTEMS (BACS) –

Part 1: General requirements

1 Scope

This part of IEC 63044 applies to all Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) and specifies the general requirements for these systems and products.

~~This document is applicable (but not limited) to~~

~~– operator stations and other human–system interface devices,~~

~~– devices for management functions,~~

~~– control devices, automation stations and application-specific controllers,~~

~~– field devices and their interfaces, and~~

~~– cabling and interconnection of devices~~

~~used within a dedicated HBES/BACS network.~~

This document provides an overview of the IEC 63044 series.

To enable integration of a wide spectrum of applications, the IEC 63044 series covers

- electrical safety,
- functional safety,
- environmental conditions,
- EMC requirements, and
- installation and cabling rules and topologies.

IEC 63044 is a series of product family standards

2 Normative references

There are no normative references in this document.

IEC 63044-1

Edition 1.1 2021-05
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FINAL VERSION

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