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Home and Building Electronic Systems (HBES) - Part 6-2: IoT Semantic Ontology model description

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 10/25

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English Version

Home and Building Electronic Systems (HBES) - Part 6-2: IoT Semantic Ontology model description

Systèmes électroniques pour les foyers domestiques et les
bâtiments (HBES) - Partie 6-2: Description du modèle
ontologie sémantique IoT

Elektrische Systemtechnik für Heim und Gebäude (ESHG) -
Teil 6-2: Beschreibung des IoT semantischen
Ontologiemodells

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European foreword

This document (EN 50090-6-2:2025) has been prepared by CLC/TC 205 “Home and Building Electronic Systems (HBES)”.

The following dates are fixed:

- latest date by which this document has to be (dop) 2026-06-30 implemented at national level by publication of an identical national standard or by endorsement
- latest date by which the national standards (dow) 2028-06-30 conflicting with this document have to be withdrawn

This document supersedes EN 50090-6-2:2021 and all of its amendments and corrigenda (if any).

EN 50090-6-2:2025 includes the following significant technical changes with respect to EN 50090-6-2:2021:

- certain HBES concepts were split to have a better distinction between definitions and their types (e.g. datapoints and their types);
- improved linking between different concepts such as devices and application functions;
- copies of external ontology parts were removed from the HBES ontology and replaced by references.

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Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

EN 50090-6-2:2025 (E)**1 Scope**

This document defines the HBES Information Model and a corresponding data exchange format for the Home and Building HBES Open Communication System.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 50090-1:2011, *Home and Building Electronic Systems (HBES) - Part 1: Standardization structure*

EN 50090-6-3:2023, *Home and Building Electronic Systems (HBES) - Part 6-3: 3rd Party HBES IoT API*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN