

STN	Automatizácia v budovách a riadiace systémy (BACS) Časť 6: Posúdenie zhody dátovej komunikácie (ISO 16484-6: 2024)	STN EN ISO 16484-6 74 7400
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Building automation and control systems (BACS) - Part 6: Data communication conformance testing (ISO 16484-6:2024)

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. 02/26

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Building automation and control systems (BACS) - Part 6: Data communication conformance testing (ISO 16484- 6:2024)

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Systeme der Gebäudeautomation - Teil 6:
Datenübertragungsprotokoll - Konformitätsprüfung
(ISO 16484-6:2024)

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EN ISO 16484-6:2025 (E)

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European foreword

This document (EN ISO 16484-6:2025) has been prepared by Technical Committee ISO/TC 205 "Building environment design" in collaboration with Technical Committee CEN/TC 247 "Building Automation, Controls and Building Management" the secretariat of which is held by SNV.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2026, and conflicting national standards shall be withdrawn at the latest by May 2026.

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International Standard

ISO 16484-6

Building automation and control systems (BACS) —

Part 6: Data communication conformance testing

*Systemes d'automatisation et de gestion technique du
bâtiment —*

Partie 6: Essais de conformité de la communication de données

**Fifth edition
2024-12**

ISO 16484-6:2024(en)



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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 document 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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This document was prepared by Technical Committee ISO/TC 205, *Building environmental design*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 247, *Building Automation, Controls and Building Management*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement) and with the American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. (ASHRAE).

This fifth edition cancels and replaces the fourth edition (ISO 16484-6:2020), which has been technically revised.

The main changes are as follows:

— See the detailed list of changes on pages 977 to 981.

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Building automation and control systems (BACS) —

Part 6:

Data communication conformance testing

1. PURPOSE

To define a standard method for verifying that an implementation of the BACnet protocol provides each capability claimed in its Protocol Implementation Conformance Statement (PICS) in conformance with the BACnet standard.

2. SCOPE

This standard provides a comprehensive set of procedures for verifying the correct implementation of each capability claimed on a BACnet PICS including:

- (a) support of each claimed BACnet service, either as an initiator, executor, or both,
- (b) support of each claimed BACnet object-type, including both required properties and each claimed optional property,
- (c) support of the BACnet network layer protocol,
- (d) support of each claimed data link option, and
- (e) support of all claimed special functionality.

koniec náhľadu – text ďalej pokračuje v platenej verzii STN