CAN/ULC 304:2026

Standard for Control Units, Accessories and Receiving Equipment for Intrusion Alarm Systems

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Standard for Control Units, Accessories and Receiving Equipment for Intrusion Alarm Systems, CAN/ULC 304

Fourth Edition, Dated October 18, 2024

Summary of Topics

This revision of CAN/ULC 304 dated August 28, 2026 includes the following changes in requirements:

- ***Category for Software-based Receivers; 4.56A, 4.56B, Section 67A***
- ***Clarify where 72 hours backup is needed; 75.1, 75.4, Table 54.1***
- ***Update 76.8 and 78.1 to align with Table 54.1;***
- ***Glossary Update; 4.26, 4.31***
- ***Audibility in undervoltage conditions; 59.2.1***
- ***No compromise Test for A1; 69.6.2, Table 63.1***
- ***Examples are not requirements; 70.1.3***
- ***Update 9.3 Mechanical strength tests for enclosures; 9.3.1, 9.3.3, 9.3.4, 9.3.6***
- ***Reference Update; 69.6.12***
- ***Editorial Updates; Table 11.1, 66.3.3, 69.6.3, 69.6.13, 83.4***

Text that has been changed in any manner or impacted by ULSE's electronic publishing system is marked with a vertical line in the margin.

The new and revised requirements are substantially in accordance with Proposal(s) on this subject dated November 28, 2025 and July 13, 2026.

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CAN/ULC 304:2026

Standard for Control Units, Accessories and Receiving Equipment for Intrusion Alarm Systems

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PREFACE

This is the Fourth Edition of CAN/ULC 304, Standard for Control Units, Accessories and Receiving Equipment for Intrusion Alarm Systems.

This Edition of the Standard has been formally approved by the ULC Standards Committee on Security and Burglar Alarm Equipment and Systems.

This Standard has been developed in compliance with the requirements of SCC for accreditation of a Standards Development Organization.

Only metric SI units of measurement are used in this Standard. If a value for measurement is followed by a value in other units in parentheses, the second value may be approximate. The first stated value is the requirement.

Annexes A – E, identified as Informative, are for information purposes only.

In Canada, there are two official languages, English and French. All safety warnings must be in French and English. Attention is drawn to the possibility that some Canadian authorities may require additional markings and/or installation instructions to be in both official languages.

This Fourth Edition National Standard of Canada is based on, and now supersedes, the Third Edition.

Attention is drawn to the possibility that some of the elements of this Canadian standard may be the subject of patent rights. ULC Standards shall not be held responsible for identifying any or all such patent rights.

This CAN/ULC 304 Standard is under continuous maintenance, whereby each revision is approved in compliance with the requirements of SCC for accreditation of a Standards Development Organization. In the event that no revisions are issued for a period of four years from the date of publication, action to revise, reaffirm, or withdraw the standard shall be initiated.

Comments or proposals for revisions on any part of the Standard may be submitted at any time. Proposals should be submitted via a Proposal Request in the Collaborative Standards Development System (CSDS) at https://csds.ul.com.

This Standard is intended to be used for conformity assessment.

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INTRODUCTION

1 Scope

1.1 This Standard covers construction and performance requirements for control units and accessories for intrusion alarm systems, including:

a) Protected premises control units and accessories for local or signal receiving centre connections; and

b) Signal receiving centre alarm receiving equipment including recording equipment.

c) Power supplies for use as integral or stand-alone components in intrusion alarm systems.

1.2 The equipment covered by this Standard is intended for use in premises, safes and vaults.

1.3 These requirements also serve as the basis of classification of signal receiving centre intrusion alarm control units. Requirements covering complete control units are contained in ULC 301, Standard for Signal Receiving Centres Configurations and Operations.

1.4 Rules covering installation and classification (of extent) of alarm protective equipment at individual locations are contained in ULC 302, Standard for the Installation, Inspection and Testing of Intrusion Alarm Systems.

1.5 These requirements do not cover intrinsically safe systems for use in hazardous locations, as defined in CSA C22.1, Canadian Electrical Code.

2 Units Of Measurement

2.1 Values stated without parentheses are the requirement. Values in parentheses are explanatory or approximate information.

3 Referenced Publications

3.1 The documents shown below are referenced in the text of this Standard. Unless otherwise stated elsewhere in this Standard such reference shall be considered to indicate the edition and/or revisions of the document available at the date on which the Committee approved this ULC Standard. All undated references shall be interpreted as referring to the latest edition of that document.

3.2 The following publications are referenced in this Standard:

CSA C22.1, *Canadian Electrical Code, Part I, Safety Standard for Electrical Installations*

CSA C22.2 No. 0.1, *General Requirements for Double-Insulated Equipment – General Instruction No. 1*

CSA C22.2 No. 0.15, *Adhesive Labels*

CSA C22.2 No. 0.17, *Evaluation of Properties of Polymeric Materials*

CSA C22.2 No. 5, *Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures*

CSA C22.2 No. 8, *Electromagnetic Interference (EMI) Filters*

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