



UL 1023

STANDARD FOR SAFETY

Household Burglar-Alarm System Units

UL Standard for Safety for Household Burglar-Alarm System Units, UL 1023

Seventh Edition, Dated September 1, 2017

Summary of Topics

This new edition of the Standard for Safety for Household Burglar-Alarm System Units, ANSI/UL 1023, includes the following changes in requirements:

1. Web or Internet Downloadable Digital Installation Instructions for Internet Required Products

2. Cord-Connected Products

The revised requirements are substantially in accordance with Proposal(s) on this subject dated March 17, 2017 and June 30, 2017.

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The most recent designation of ANSI/UL 1023 as an American National Standard (ANSI) occurred on September 1, 2017. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, and Title Page.

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APPENDIX A

Standards for Components.....	A1
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INTRODUCTION

1 Scope

1.1 These requirements cover burglar-alarm system units intended for use in residences to protect a complete multiroom residence, one room of a residence, or one opening or area in a residence.

1.2 Household burglar-alarm system units covered by these requirements consist of one or more unit assemblies of electrical components that are designed to detect the presence, movement, sound, or other activity of an intruder. Provisions are made for the connection of a power supply, remote control, and signal circuits by a prescribed method of wiring. These system units usually operate within the limits of Class 2 remote control and signal circuits as defined by Article 725 of the National Electrical Code, NFPA 70.

1.3 These requirements also apply to the use of combination systems, such as a combination fire-burglar-alarm system control unit. A combination system is connected in such a manner that fault conditions (shorts, opens, grounds) in the burglar-alarm system circuit wiring, or interconnections between the fire- and burglar-alarm system circuits, will not interfere with the supervision of the fire alarm system or will not prevent intended alarm signal operation.

1.4 A combination household fire and burglar alarm system shall also comply with the Standard for Household Fire Warning System Units, UL 985.

1.5 These requirements cover accessories that are external to the control unit and that are dependent upon the control unit function, such as end-of-line devices, annunciators, remote switches, and the like.

1.6 Intrusion detection devices, such as motion detectors or sound detectors, are covered by the Standard for Intrusion-Detection Units, UL 639.

1.7 A household burglar alarm system shall provide supervision of the initiating device circuits, so that if there is an open in the circuit or failure of a transmitter device's ability to communicate with its receiver, the open or failure to transmit will be indicated to the alarm system user.

1.8 Only alarm equipment determined acceptable for household burglar alarm service may be installed under the requirements contained in the Standard for Installation and Classification of Residential Burglar Alarm Systems, UL 1641.