

## Standard Information

**Standard Number:** UL 1610

**Standard Name:** Standard for Safety for Central-Station Burglar-Alarm Units,

**Standard Edition and Issue Date:** 3<sup>rd</sup> Third Edition, Dated October 26, 1998

**Date of Revision:** March 20, 2015

**Date of Previous Revision to Standard:** 3<sup>rd</sup> Edition Revised September 10, 2010

## Effective Date of New/Revised Requirements

**Effective Date (see Schedule below):** **November 24, 2017 – Clauses 62A.2 & 62A.6**  
**May 25, 2018 - Table 23.1**

## Impact, Overview, Fees and Action Required

**Impact Statement:** A review of all Listing Reports is necessary to determine which products comply with new/revised requirements and which products will require re-evaluation. **NOTE:** Effective immediately, this revised standard will be exclusively used for evaluation of new products unless the Applicant requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revised requirements.

**Overview of Changes:** Changes to Packet Switched Data Networks requirements, and minimum spacings requirements. Specific details of new/revised requirements are found in table below.

**If the applicable requirements noted in the table are not described in your report(s), these requirements will need to be confirmed as met and added to your report(s) such as markings, instructions, test results, etc. (as required).**

**Fees:** So that production of products bearing the Listing Mark will not be interrupted, between now and the Effective Date, a quote will be issued for the Applicant to work with their local Intertek Lab to determine the necessary test program, sampling requirement and needed construction details and/or updated marking/instruction details.

### Client Action Required:

**Information** – To assist our Engineer with review of your Listing Reports, please submit technical information in response to the new/revised paragraphs noted in the attached or explain why these new/revised requirements do not apply to your product (s).

**Current Listings Not Active?** – *Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.*

## Description of New/Revised Technical Requirements

Clause	Verdict	Comment
62A.2		<p>Exception No. 1:</p> <p>a) A protection system that uses this method of checking for a compromise attempt shall use two methods of signal transmission to the police station or central station. Loss of the second method of signal transmission shall be annunciated at the central station receiver within <u>200 seconds</u> <del>6 minutes</del>.</p> <p>b) <del>An alarm signal is sent to the central station over both methods of signal transmission. If An alarm signal acknowledgement from the central station receiver is not received at the protection system on the first method within 20 seconds, the alarm signal shall be sent to the central station receiver using the second method of signal transmission. An alarm signal is sent to the central station over both methods of signal transmission.</del></p> <p>d) The following individual faults on the antenna circuit on an RF system that prevents communication to the central station shall be annunciated at the central station receiver within <u>200 seconds</u> <del>6 minutes</del>. A fault is defined as:</p> <ol style="list-style-type: none"> <li>1) A single open,</li> <li>2) A single earthground, or</li> <li>3) A wire-to-wire short.</li> </ol> <p style="text-align: right;">Revised 62A.2 effective September 20, 2017</p>
62A.6		<p>There shall be message authentication between the premise control unit and control receiving equipment.</p> <p>a) Each message exchanged between the premises and supervising station receiving equipment shall include the network address of the premise equipment, and a hashed (scrambled) key which is changed on every message exchange or</p> <p>b) A system shall be able to accommodate a minimum of 65,000 distinct account numbers. Message authentication shall consist of an account number plus an additional authentication key which is changed such that a compromise is detected in accordance with Section 70. <del>The codes shall be part of each message sent between the premises and supervising station receiving equipment.</del></p> <p style="text-align: right;">Revised 62A.6 effective September 20, 2017</p>
Table 23.1		<p><b>Minimum Spacings</b></p> <p>Installation wiring terminals required spacing reduced to:</p> <p>0-30V Through Air / Over Surface 1/8 inch (3.2mm)</p> <p>31-150V Through Air / Over Surface 3/16 inch (4.8mm)</p> <p>151-300V Through Air / Over Surface 1/4 Inch (6.4mm)</p> <p>Notes significantly revised.</p> <p style="text-align: right;">Revised Table 23.1 effective March 20, 2018</p>
		<p><b>CUSTOMERS PLEASE NOTE:</b> This Table and column "Verdict" can be used in determining how your current or future production is or will be in compliance with new/revised requirements.</p>