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Fourth Edition CAN/ULC-S541:2016

SPEAKERS FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES

ULC Standards is pleased to announce the publication of the Fourth Edition National Standard of Canada CAN/ULC-S541:2016, Speakers for Fire Alarm and Signaling Systems, Including Accessories. This harmonized Standard was prepared by UL Standards, ULC Standards, and the National Electrical Manufacturers' Association Technical Harmonization Committee. The requirements contained in the recently published ANSI/UL 1480, Sixth Edition (Speakers for Fire Alarm, Emergency and Commercial and Professional Use) are identical to CAN/ULC-S541:2016. The efforts and support of the NEMA THC are gratefully acknowledged.

CAN/ULC-S541:2016 and ANSI/UL 1480 (6th Edition) have been merged into a single binational standard that can be used for Canada and the United States. Although the standards have mostly identical requirements, there are some that are unique to one country or the other – these requirements are denoted as country-specific.

The requirements in the Standard apply to speakers rated at 300 V or less for fire alarm and signaling systems intended for ordinary (non-hazardous or non-corrosive) indoor/outdoor installations in accordance with the following:

- In the United States: NFPA 72, National Fire Alarm Code; and
- In Canada: CAN/ULC-S524, Standard for Installation of Fire Alarm Systems; CSA C22.1, Canadian Electrical Code, Part I.

Some of the highlights of this binational Standard are:

- Harmonization of similar requirements between countries
- Identification of National differences where Harmonization was not possible
- Harmonization of similar test requirements between audible signals, visible signals and speakers where applicable
- Simplified and removed unnecessary provisions
- Enhanced requirements for components and installation wiring diagrams
- Clarification of marking requirements and where marking is required
- Enhanced and updated test requirements for Component Stress Radio Frequency and Electromagnetic Radiations, Polymeric Materials, Gaskets, and Variable Ambient Temperature
- Definition of Temporal Pattern for Carbon Monoxide (CO) signaling

This standard can be purchased for CAD\$ 262.80 (hardcopy) or CAD\$ 219.00 (PDF format) through our website at www.ulc.ca and by selecting the link to *ULC Standards* and *Sales of ULC Standards Materials*.

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Yours truly,
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