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URL

<https://www.nema.org/pages/default.aspx>

Subject

Fire detectors – United States--Standards;
 Fire alarms – United States --Standards;
 Signals and signaling – United States --Standards;
 Fire prevention -- Equipment and supplies -- United States --Standards.

Accessibility

On subscription base

Language

English

Publisher

National Electrical Manufacturers Association (NEMA)

Brief History

The National Electrical Manufacturers Association (NEMA) is the largest trade association of electrical equipment manufacturers in the United States. It was founded in 1926 and maintains its headquarters in Rosslyn, Virginia, just outside Washington, D.C.

Scope and Coverage

Its approximately 450 member companies manufacture products used in the generation, transmission, distribution, control, and end use of electricity. These products are used in utility, industrial, commercial, institutional, and residential applications. The association’s Medical Imaging & Technology Alliance (MITA) division represents manufacturers of cutting-edge medical diagnostic imaging equipment including MRI, CT, x-ray, and ultrasound products. NEMA also has offices in Beijing and Mexico City. In addition to lobbying activities, NEMA publishes more than 600 standards,

application guides, white papers, and technical papers. Among its major standards are those for AC plugs and receptacles; the NEMA connectors are universal in North America and also used by some other countries.

Kind of Information

NEMA values open, competitive markets for electrical and medical imaging products and support national regulations and voluntary standards that are technically sound, economically justified, and promote innovation, public safety, access to life saving and energy efficient products, and efficient resource allocation. Each NEMA standards page provides information like table of contents and scope of the publication (whether tests, application, installation guidelines, etc. are included), NEMA Staff Contact, Price, How and where to purchase, Related publications and information, Status (active or rescinded, or equivalent publications). A standard of the National Electrical Manufacturers Association defines a product, process, or procedure with reference to the nomenclature, composition, construction, dimensions, tolerances, safety, operating characteristics, performance, ratings, testing, and the service for which it is designed.

Special Features

- NEMA provides a forum for the development of technical standards that are in the best interests of the industry and users, advocacy of industry policies on legislative and regulatory matters, and collection, analysis, and dissemination of industry data. In addition to its headquarters in Rosslyn, Virginia, NEMA also has offices in Beijing and Mexico City.
- NEMA promotes the safe and effective design, installation and use of electrical and medical imaging products.

Arrangement Pattern

Visitor can search for all NEMA standards by Document Number, by Title, by Products. All the standards under the heading “Document Number” and “Title” are arranged alphanumerically. Under the heading “Products” the standards are placed in categories and sub categories and the entire main and sub categories are arranged alphabetically.

Remarks

NEMA’s standards play a vital part in the design, production, and distribution of products destined for both national and international commerce. Sound technical standards benefit the user, as well as the manufacturer, by improving safety, bringing about economies in product, eliminating misunderstandings between manufacturer and purchaser, and assisting the purchaser in selecting and obtaining the proper product for his particular need.

Comparable Tools

- American Society for Testing Materials (ASTM) International Standards <https://www.astm.org/>

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