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Surge Arresters

National Electrical Manufacturers Association



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SURGE ARRESTERS

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Foreword

This standard is reviewed periodically by the Surge Arrester Section of NEMA for any revisions necessary to keep up to date with advanced technology. In the preparation of this Standards Publication, input of users and other interested parties has been sought and evaluated. Inquiries, comments, and proposed or recommended revisions should be submitted to the concerned NEMA product Subdivision by contacting the:

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This standards publication was developed by the Surge Arrester Section of the National Electrical Manufacturers Association. Section Approval of the standard does not necessarily imply that all section members voted for its approval or participated in its development. At the time it was approved, the Section was composed of the following members:

ABB, Inc.—Mount Pleasant, PA
Cooper Power Systems—Olean, NY
Hubbell Power Systems, Inc.—Wadsworth, OH
MacLean Power Systems—Franklin Park, IL
MVC-Maxivolt—Amarillo, TX

Section 1 GENERAL

1.1 SCOPE

The standards contained in this publication apply to all valve surge arresters for alternating-current systems, including arresters that are an integral part of other apparatus.

1.2 REFERENCED STANDARDS

Institute of Electrical and Electronics Engineers
3 Park Avenue
New York, NY 10016

IEEE C62.1-1989 (R1994) *IEEE Standard for Gapped Silicon-Carbide Surge Arresters for AC Power Circuits*

IEEE C62.11-2005 *IEEE Standard for Metal-Oxide Surge Arresters for AC Power Circuits (> 1 kV)*

- IEEE C62.22-1997, *IEEE Guide for Application of Metal-Oxide Surge Arresters for Alternating-Current Systems*, may also be of interest to users of this publication.

1.3 GENERAL

The standards given in this publication provide revisions, additional standards, and information that have been approved by NEMA but which are not included in C62.11-2005.