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Standard for
Installing and Maintaining
Switchboards

NEIS



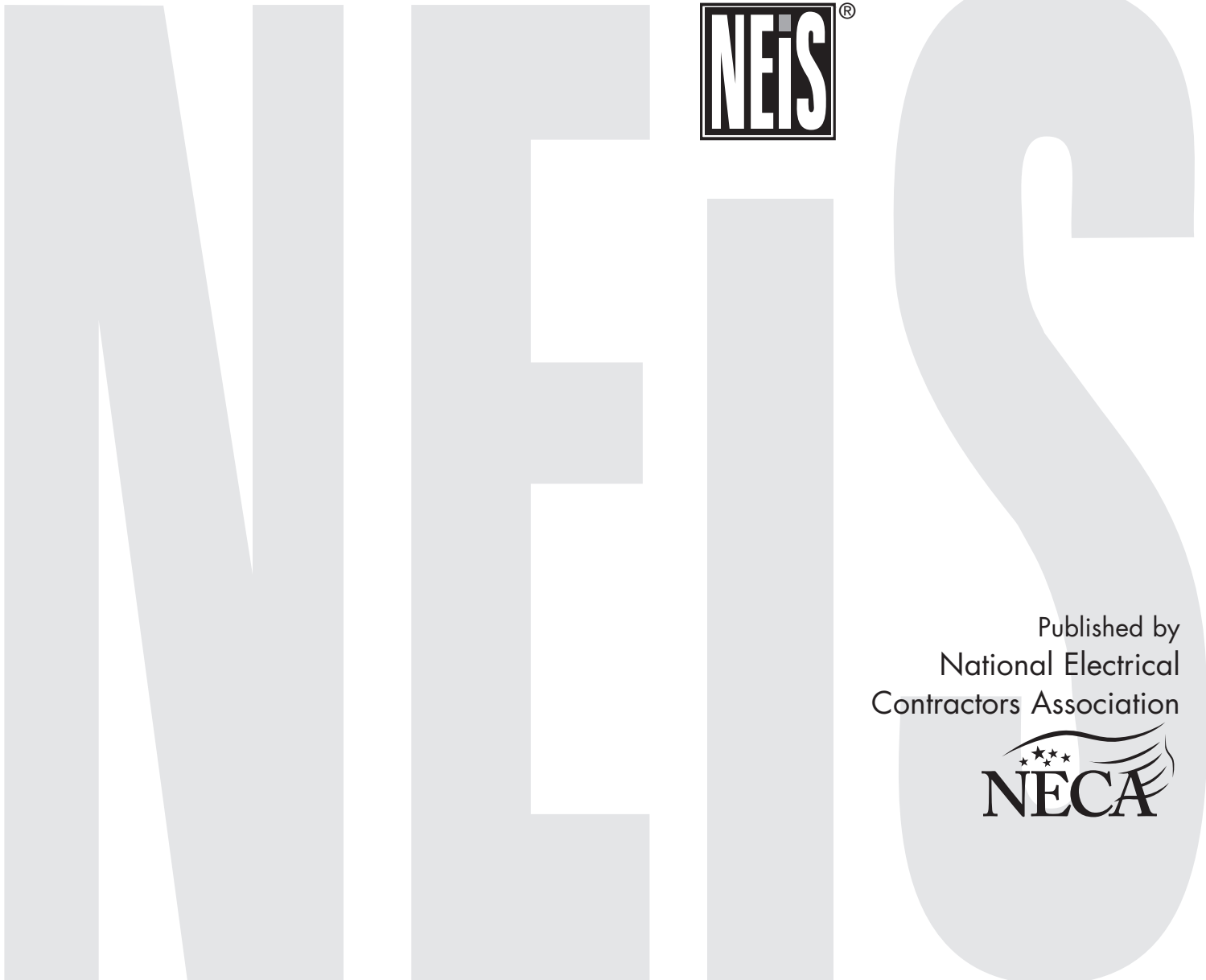
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NECA 400-2007

Standard for
Installing and Maintaining
Switchboards

**An American
National Standard**



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OR

National Electrical Contractors Association
3 Bethesda Metro Center, Suite 1100
Bethesda, Maryland 20814
(301) 657-3110

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IHS
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(This foreword is not a part of the standard)

Foreword

National Electrical Installation Standards™ (NEIS®) are designed to improve communication among specifiers, purchasers, and suppliers of electrical construction services. They define a minimum baseline of quality and workmanship for installing electrical products and systems. *NEIS* are intended to be referenced in contract documents for electrical construction projects. The following language is recommended:

Deadfront distribution switchboards rated 600 volts or less shall be installed and maintained in accordance with NECA 400, *Standard for Installing and Maintaining Switchboards* (ANSI).

Use of *NEIS* is voluntary, and the National Electrical Contractors Association assumes no obligation or liability to users of this publication. Existence of a standard shall not preclude any member or nonmember of NECA from specifying or using alternate construction methods permitted by applicable regulations.

The installation and maintenance practices recommended by this publication are intended to comply with the edition of the National Electrical Code® (NEC) in effect at the time of publication. Because they are quality standards, *NEIS* may in some instances go beyond the minimum safety requirements of the NEC. It is the responsibility of users of this standard to comply with state and local electrical codes when installing electrical products and systems.

Suggestions for revisions and improvements to this standard are welcome. They should be addressed to:

NECA Standards & Safety
3 Bethesda Metro Center, Suite 1100
Bethesda, MD 20814
(301) 657-3110 telephone
(301) 215-4500 fax
www.neca-neis.org
neis@necanet.org

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Revision History	
NECA 400-1998	09/1998
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1. Scope

1.1 Products and Applications Included

This standard describes installation procedures for deadfront distribution switchboards rated 600 volts or less. This standard also covers periodic routine maintenance procedures for switchboards, and special procedures to be used after adverse circumstances, such as a short circuit, ground-fault, or immersion in water.

1.2 Regulatory and Other Requirements

a) All information in this publication is intended to conform to the National Electrical Code (ANSI/NFPA 70). Installers should always follow the NEC, applicable state and local codes, manufacturer's instructions, and contract documents.

b) Only qualified persons familiar with the construction and installation of motor control centers should perform the work described in this publication. It is recommended that all work be performed in accordance with NFPA 70E, *Standard for Electrical Safety in the Workplace*.

c) General requirements for installing electrical products and systems are described in NECA 1, *Standard Practices for Good Workmanship in Electrical Construction* (ANSI). Other *National Electrical Installation Standards* provide additional guidance for installing particular types of electrical products and systems. A complete list of *NEIS* is provided in Annex A.