



NECA 130-2016

Standard for

Installing and Maintaining Wiring Devices

AN AMERICAN NATIONAL STANDARD

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An American
National Standard



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National Electrical
Contractors Association



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Table of Contents

Foreword..... v

1. Scope 1

1.1 Products and Applications Included 1

1.2 Products and Applications Excluded 1

1.3 Regulatory and Other Requirements 1

1.4 Mandatory Requirements, Permissive Requirements, Quality and Performance Recommendations, Explanatory Material, and Informative Annexes..... 2

2. Definitions 3

3. Receiving, Inspecting, Handling and Storage..... 5

3.1 Receiving and Inspecting 5

3.2 Handling 5

3.3 Storage..... 5

4. Rough-In..... 6

4.1 General..... 6

4.2 Outlet and Device Boxes 6

4.3 Wiring Methods 7

5. Installation..... 9

5.1 General..... 9

5.2 Electrical Safety 9

5.3 Conductors 10

5.4 Grounding and Bonding 12

5.5 Installing Wiring Devices..... 12

5.6 Coverplates 15

5.7 Identification 15

5.8 Testing Wiring Devices..... 16

6. Maintenance 17

6.1 General..... 17

6.2 Inspections and Testing..... 17

Annex A: NEMA Wiring Device Configuration Chart..... 18

Annex B: NEC Tables..... 21

Annex C: Reference Standards..... 23

(This foreword is not a part of the standard)

Foreword

National Electrical Installation Standards™ (NEIS™) are intended 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:

Wiring devices should be installed and maintained in accordance with *NECA 130-2016, Standard for Installing and Maintaining Wiring Devices* (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 non-member of NECA from specifying or using alternate construction methods permitted by applicable regulations.

This publication is 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 requirements of the NEC. It is the responsibility of users of this publication 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:

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1. Scope

This standard describes the installation and maintenance procedures for wiring devices.

1.1 Products and Applications Included

This standard covers the installation and maintenance of wiring devices that are rated 600V and less that are intended to be permanently connected to building premises wiring systems on non-hazardous (unclassified) branch circuits for residential, commercial, and industrial applications for new installations, replacements in existing installations, and new branch-circuit extensions in existing installations. It applies to:

- Receptacles non-locking-type and locking type
- Multi-outlet assemblies
- Attachment plugs, connector bodies, and motor attachment plugs (inlets), (both non-locking-type and locking-type)
- Pin-and-sleeve devices (Receptacles, Attachment plugs, connector bodies, and motor attachment plugs (inlets))
- Switches
- Timers
- Combination devices
- Occupancy sensors
- Dimmers
- Coverplates and outlet box hoods

1.2 Products and Applications Excluded

This standard does not cover:

- Wiring devices installed in hazardous locations

- Wiring devices that are temporary installations
- Arc-Fault Circuit Interrupters (AFCIs) or Ground-Fault Circuit Interrupters (GFCIs). See NECA 169.
- Floor service outlets
- Floor poke-through assemblies

1.3 Regulatory and Other Requirements

All information in this publication is intended to conform to the NEC (ANSI/NFPA 70). Installers shall follow the NEC, applicable state and local codes, manufacturer instructions, and contract documents when installing and maintaining wiring devices.

Only qualified persons as defined in the NEC familiar with the construction, installation, and operation of wiring devices shall perform the technical work described in this publication. Administrative functions such as receiving, handling, and storing wiring devices and other tasks may be performed under the supervision of a qualified person. All work shall be performed in accordance with NFPA 70E, *Standard for Electrical Safety in the Workplace*.

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