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Fittings, Cast Metal Boxes, and Conduit Bodies for Conduit, Electrical Metallic Tubing, and Cable





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for Conduit, Electrical Metallic Tubing, and Cable*

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Foreword

This Standards Publication provides practical information concerning construction, test, performance, and manufacture of fittings, cast metal boxes, and conduit bodies for conduit, tubing, and cable assemblies. It is intended for use by the electrical industry to provide guidelines for the manufacture and proper application of these products, and to promote the benefits of repetitive manufacture and widespread product availability.

One of the primary purposes of this Standards Publication is to encourage the manufacture and utilization of products that function in accordance with this standard. While some sections of this publication are intended to eliminate misunderstandings between manufacturers and users, all sections, when applied properly, contribute to safety in one way or another.

The proper manufacture of fittings, cast metal boxes, and conduit bodies is, however, only one consideration in promoting the safe use of electricity. Other safety considerations involve the joint efforts of the system designer, the various equipment manufacturers, the installer, and the user. Information is provided in this standard, and in NEMA Standards Publications FB 2.10 and FB 2.20, to assist in proper selection and use.

The following factors are vital in a safe electrical system and should be considered by the user in the selection and application of equipment covered by the publication:

- a) Environmental conditions
- b) System design
- c) Equipment selection and application
- d) Installation
- e) Operating practices
- f) Maintenance

This Standards Publication has been published with a view to promoting the safety of persons and property when products conforming to it are selected, installed, and maintained in accordance with the *National Electrical Code*® (NEC).

NEMA Standards Publications are periodically reviewed to meet changing conditions and technical progress, and the latest edition shall be utilized. Comments from the users of this Standards Publication are welcome and should be sent to:

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At the time of publication, the Conduit Fittings Section of NEMA had the following members:

Adalet, a Division of Scott Fetzer	Cleveland, OH
AFC Cable Systems, Part of Atkore International	New Bedford, MA
Appleton Group	Rosemont, IL
Arlington Industries, Inc.	Scranton, PA
Bridgeport Fittings, Inc.	Bridgeport, CT
Calpipe Industries, Inc.	Rancho Dominguez, CA
Crouse-Hinds by Eaton	Syracuse, NY
Eaton's B-Line Business	Highland, IL
ERICO	Solon, OH
Hubbell Incorporated	Shelton, CT
IPEX Management Inc.	Mississauga, ON, Canada
Legrand/Pass & Seymour	Syracuse, NY
Producto Electric Corporation	Orangeburg, NY
Progressive Machine Die, Inc.	Walton Hills, OH
Steel Electric Products Company, Inc.	Brooklyn, NY
Thomas & Betts, a Member of the ABB Group	Memphis, TN

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