National Electrical Manufacturers Association

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Metal Cable Bus Systems

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Foreword (NEMA)

This Standards publication provides technical requirements concerning the construction, testing, and performance of metal cable bus systems. The development of this publication is the result of many years of research, investigation, and experience by the Members of the Cable bus Section of NEMA. Throughout the development of this publication, test methods and performance values have been related as closely as possible to end-use applications. It has been developed through consultation among manufacturers, with users and engineering societies, to result in improved serviceability and safety of metal cable bus systems.

This publication reflects the study of applicable building codes and the *Canadian Electrical Code, Part I (CE Code)* and the *National Electrical Code®* (NEC), and adheres to applicable national material and manufacturingStandards, such as those of the American Society for Testing and Materials, the American Iron and Steel Institute, the Aluminum Association, and Underwriters Laboratories, Inc. The NEMA Cable Bus Section periodically reviews this publication for any revisions necessary to keep it up to date with advancing technology.

Comments and suggestions for the improvement of this document are encouraged.

They should be sent to:

NEMA Technical Director, Industry Operations
National Electrical Manufacturers Association
1300 North 17th Street, Suite 900
Rosslyn, Virginia 22209

The primary purpose of this Standards publication is to encourage the manufacture and utilization of standardized metal cable bus systems and to eliminate misunderstandings between manufacturers and users. It has been promulgated to promote safety of persons and property by the proper selection and use of metal cable bus systems.

The cable bus system manufacturer has limited or no control over the following factors, which are vital to a safe installation:

a. environmental conditions;
b. system design;
c. product selection and application;
d. installation practices; and
e. system maintenance.

The NEMA Cable Bus Section developed NEMA CB 15000. Section approval does not necessarily imply that all section Members voted for approval or participated in development. At the time NEMA CB 15000 was approved, the NEMA Cable Bus Section consisted of the following Members:

MDF Cable Bus Systems https://www.mdfbus.com/
MP Husky Corp. www.mphusky.com/

Section 1
Scope

This Standard specifies the requirements for metal cable bus and associated fittings designed for use in accordance with the *National Electrical Code*® (NEC).