

NEMA BS 31050-2010 (R2024)

*General Instructions for Handling, Installation, Operation, and Maintenance
of Busway Rated 600 Volts or Less*

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FOREWORD

This publication is a guide of practical information containing instructions for the proper handling, installation, operation, and maintenance of busway and associated fittings rated 600 volts or less.

These instructions do not purport to cover all details or variations in equipment, nor to provide for every possible contingency regarding handling, installation, operation, or maintenance.

It is recommended that work described in this set of instructions be performed only by qualified personnel familiar with the construction and operation of busway and associated fittings and that such work be performed only after reading this complete set of instructions. For specific information not covered by these instructions, you are urged to contact the manufacturer of the busway directly.

These recommendations of the Busway Section of the National Electrical Manufacturers Association will be found useful by architects, electrical engineers, electrical contractors, electricians, maintenance engineers, and others. These recommendations will be reviewed periodically by the section and updated as necessary. Please address any comments or questions you may have on the text to:

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This Standards Publication was developed by the Busway Section. At the time it was approved, the Group/Section was composed of the following members:

ABB Industrial Solutions – Bloomfield, CT
Eaton – Cleveland, OH
Schneider Electric/Square D – Smyrna, TN
Siemens Industry, Inc. – Norcross, GA
Starline Holdings, LLC – Canonsburg, PA

Publication NEMA BS 31050-2010 (R2024) reaffirms and supersedes BU 1.1-2010.

Section 1 SCOPE

This Standards Publication covers products for distribution of electric power at 600 volts or less, consisting of enclosed sectionalized prefabricated busbars rated at 100 amperes or more, and associated structures and fittings, classified as follows:

- a. Feeder busways (indoor or outdoor)
- b. Plug-in busways (indoor only)
- c. Accessories required to complete the busway system

It does not pertain to metal-enclosed busways as described in the ANSI/IEEE C37.23 standard.