



Installation Instructions

ControlNet Isolated Bulkhead Connector

Catalog Number 1786–BNCJI

Use this document as a guide when you install a ControlNet isolated bulkhead connector. This document should be packaged with 5 isolated bulkhead connectors.

About the Isolated Bulkhead Connector

The isolated bulkhead connector is a device used to allow ControlNet cable trunk lines to pass through metal enclosures. The isolated bulkhead connector prevents the ControlNet cable from inadvertently being grounded to metallic surfaces that may cause noise on a network. Any number of isolated bulkhead connectors can be placed in a system.

Important User Information

Because of the variety of uses for the products described in this publication, those responsible for the application and use of this control equipment must satisfy themselves that all necessary steps have been taken to assure that each application and use meets all performance and safety requirements, including any applicable laws, regulations, codes and standards.

The illustrations, charts, sample programs and layout examples shown in this guide are intended solely for purposes of example. Since there are many variables and requirements associated with any particular installation, Allen-Bradley does not assume responsibility or liability (to include intellectual property liability) for actual use based upon the examples shown in this publication.

Allen-Bradley publication SGI-1.1, *Safety Guidelines for the Application, Installation and Maintenance of Solid-State Control* (available from your local Allen-Bradley office), describes some important differences between solid-state equipment and electromechanical devices that should be taken into consideration when applying products such as those described in this publication.

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Throughout this manual we use notes to make you aware of safety considerations:

ATTENTION



Identifies information about practices or circumstances that can lead to personal injury or death, property damage or economic loss

Attention statements help you to:

- identify a hazard
- avoid a hazard
- recognize the consequences

IMPORTANT

Identifies information that is critical for successful application and understanding of the product.

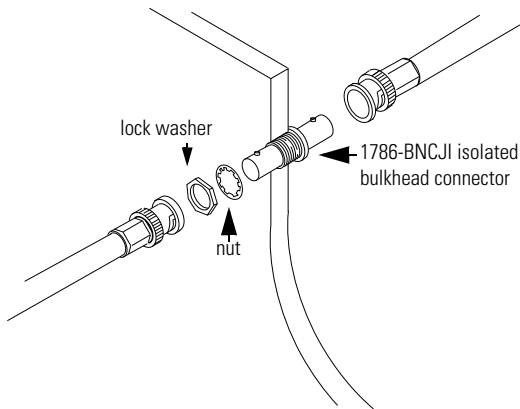
Installing the Isolated Bulkhead Connector

1. Drill a 12.84 mm hole in the panel you want to connect the cable through.
2. Insert the isolated bulkhead connector through the hole threaded side first.
3. Apply the lock washer and tighten the nut.

IMPORTANT

Avoid over-tightening the nut on the isolated bulkhead connector. Over-tightening the nut can cause damage to the plastic threading on the connector.

4. Connect the two pre-terminated cable segments to the open ends of the isolated bulkhead connector.



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5. Verify that there is no continuity between the isolated bulkhead connector and ground or metallic mounting surface that the isolated bulkhead connector is mounted to. This is an isolated bulkhead.

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