

Installation Guide

MDD-1000BT Series Data Isolators



800.882.9110 | 208.635.6400 | www.transtector.com

an INFINIT[®] company

Warning

! Improper handling of Ground circuits can pose an electrical hazard !

Take proper precautions when installing this device.

Do not attempt to alter or repair this device.

Thank you for your recent purchase of our surge protection solution.
Your satisfaction with our product and service is important to us.
If you have any questions, comments or concerns, please contact us
at 800.882.9110 or visit our website at www.transtector.com.
We look forward to continuing to serve your protection needs.

Installation Instructions

MDD-1000BT Series Data Isolators

1. Models

MDD-1000BT-4KV, 10/100/1000Base-T Ethernet Isolator
MDD-1000BT-4KV-DR, 10/100/1000Base-T Ethernet Isolator DIN Rail Mount

2. Introduction

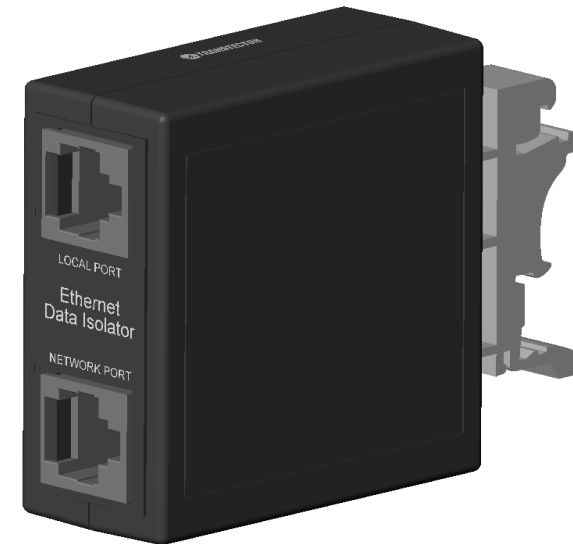
The Transtector MDD Series Ethernet Isolators create an electrical barrier that allows for high-speed bi-directional data to pass. They have been designed for compliance with the European Medical Device Directive EN60601-1 general requirements for safety. When properly installed, these products provide electrical isolation between vital equipment and areas where electrical power conductors could accidentally contact the network cable. The user is responsible to ensure all requirements that apply to their particular application are also met. Ethernet Cable & Connector Note: To support adequate electrical isolation for safety, these products are designed to be connected with unshielded twisted pair cable types Cat5, 5e, 6, 6A. Extra care must be taken if a shielded cable is used.

3. Installation

- a. Turn off the connected equipment if possible. If it is NOT possible to turn off the connected equipment, be sure to handle only one connector at a time.
- b. Connect the Cat 5, 5e, 6, 6A Ethernet cable from the network to the RJ45 jack on the isolator labelled 'To Network Port'.
- c. Connect the Cat 5, 5e, 6, 6A Ethernet cable from the local equipment to the RJ45 jack on the isolator labelled 'To Local Port'.
- d. Ensure that the network connection is restored and data traffic flows as expected.
- e. The installation is complete



Model MDD-1000BT-4KV



Model MDD-1000BT-4KV-DR