WARNING
1. RISK OF ELECTRICAL SHOCK!
2. Disconnect before servicing.
3. Service to be performed by qualified personnel only.

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 transtector.com. We look forward to continuing to serve your protection needs.

TRANSTECTOR

DCPM HT
HT-DI-DCPM-48D

INSTALLATION INSTRUCTIONS

HEMP TESTED



HT-DCPM-48D-M Rev A
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HT-DI-DCPM-48D

Installation Instructions

The HT-DI-DCPM-48D protection module is designed to provide EMP protection for equipment and facilities per Department of Homeland Security (DHS) and the Alliance for Telecommunications Industry Solutions (ATIS) guidelines, and have been tested for survivability to the peak threat levels of the harsh Early Time (E1) and Intermediate Time (E2) High-Altitude (HEMP) environments as defined in MIL-STD-188-125.

The HT-DI-DCPM-48D protection modules utilize Metal Oxide Varistors (MOVs) to provide robust, non-degrading protection against nominal transients. These modules are intended for use in 48Vdc systems.

MOUNTING
Attach module to standard DIN rail. Mechanical dimensions shown in Figure 1.

WIRING
Attach #14 to #1/0 AWG wire to all line and return terminals as shown in Figure 2.
Torque terminal block to 40 in-lbs.

GROUNDING
Proper grounding is critical for adequate HEMP protection. Keep ground wire as short as possible between the surge protector ground and the site grounding point. Less than 3 feet, #6 AWG stranded wire is recommended for optimum performance. Refer to local codes and equipment manufacturers standards before installation.
The module provides two ground lugs for ground wire attachments. Torque to 40 in-lbs.

USAGE AND MAINTENANCE
Each module should be scheduled for periodic inspection to ensure the module is operational and all wire connections are tight. Disconnect power prior to inspection and maintenance. If the module is damaged, contact Transtector for replacement.

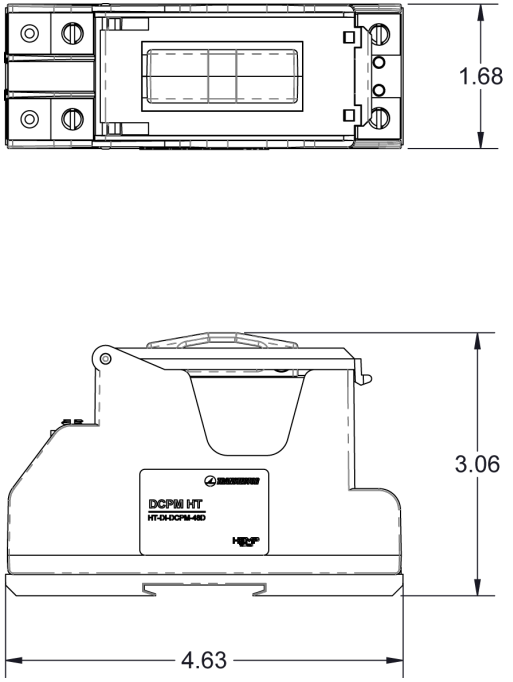


Figure 1 - Mechanical outline drawing (inches)

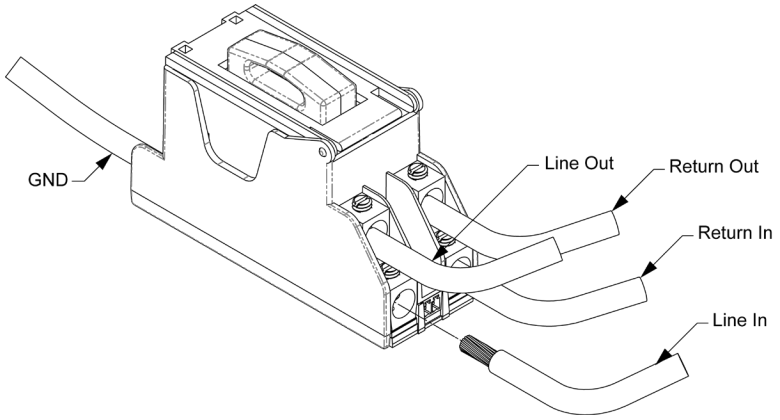


Figure 2 - Wiring