Installation Instructions

3DC48-32

an INFINITE company

Warning

1. Read these important safety instructions to prevent injury to personnel.
2. Use each model on specified data application only!
3. The suppressor will interrupt communications in the event of self sacrifice.

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.

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The protectors are intended for indoor use on communication loop circuits which have been isolated from the Public Switched Telephone Network. The communication loop circuits shall not be exposed to accidental contact with electric light or power conductor, aerial or buried, as indicated in Article 800 of the NEC.

1. Mounting

Mount the protector using the two (2) mounting flanges. #8 screws or equal are suggested. Screw head diameter not to exceed 0.400 inches.

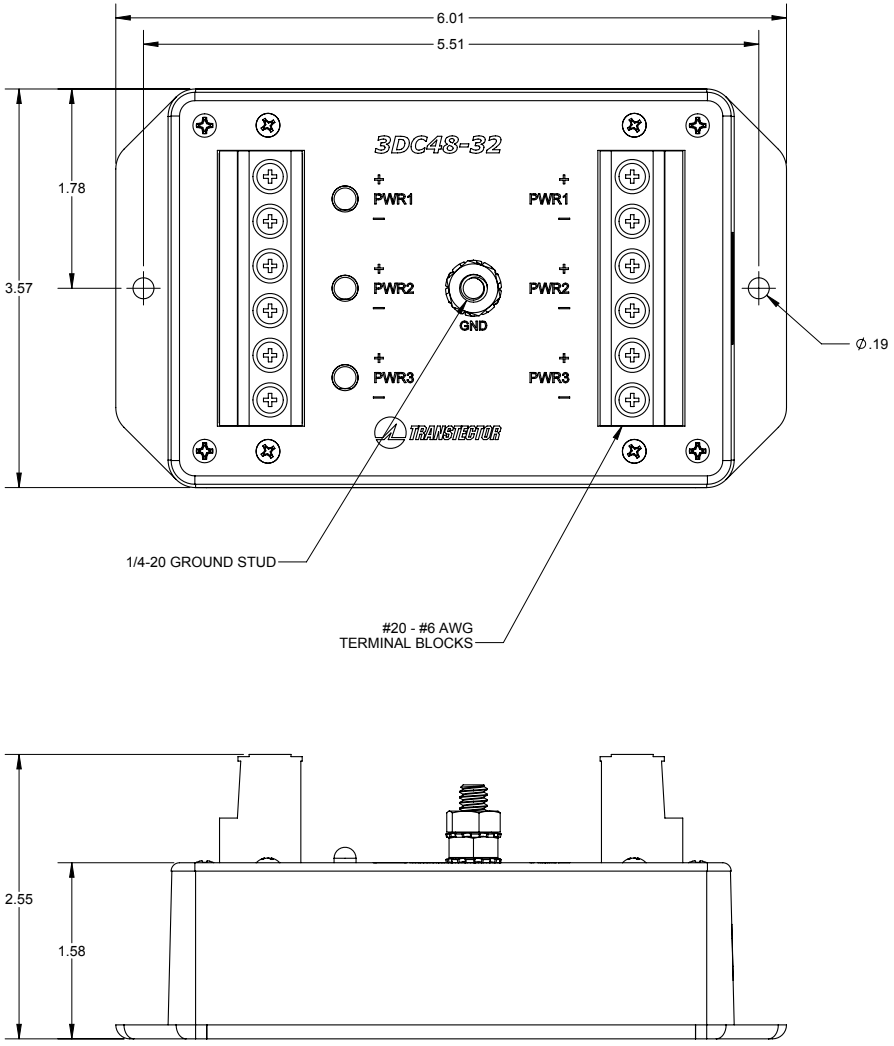
2. Wiring

2.1 Overview

The 3DC48-32 unit protects three independent 48VDC Power Supply (Vbr ≤ 95 Vdc). Each pair has a green LED to indicate the polarity and electrical connections are properly connected.

2.2 Installation

1. Disconnect the power from the equipment.
2. Mount the 3DC48-32 Unit next to the equipment to be protected.
3. Connect the ground wire to the GND terminal on the 3DC48-32 Unit and the other end of the ground wire to the closest earth ground connection.
4. Connect each of the unprotected pairs to one of the terminal block positions on the 3DC48-32 Unit with the most positive potential wire to the “+” terminal and the most negative potential wire to the “-” terminal.
5. Connect each of the protected pairs to the other terminal block positions on the 3DC48-32 Unit with the most positive potential wire to the “+” terminal and the most negative potential wire to the “-” terminal.
6. Turn the power back on. If everything functions properly, all three green LEDs should be on. If one of the LEDs is not on, please verify the connections to ensure that the most positive potential wire is connected to the “+” terminal and the most negative potential wire is connected the “-” terminal.



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