

Installation Instructions

DCOD-SERIES



an INFINIT[®] company

Warning

1. IMPORTANT SAFETY AND INSTRUCTIONS

2. Read and understand all instructions before installing this product. Save these instructions for future reference.

3. This suppressor is intended to provide lightning protection for DC power cables with a maximum current of 25 Amps

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

DCOD-SERIES

1. This product is intended for use only on 24VDC or 48VDC (see part number for application) power systems with up to 25 Amps continuous current. Operating voltages must not exceed 44 or 88 VDC respectively.

2. Mounting the DCOD series (See Diagram): Mount the device as close to the equipment to be protected as possible using the provided hardware and the concealed mounting holes. Mount the unit in the orientation shown, with the “UP” marking on the lid facing upward and the cable strain reliefs facing downward.

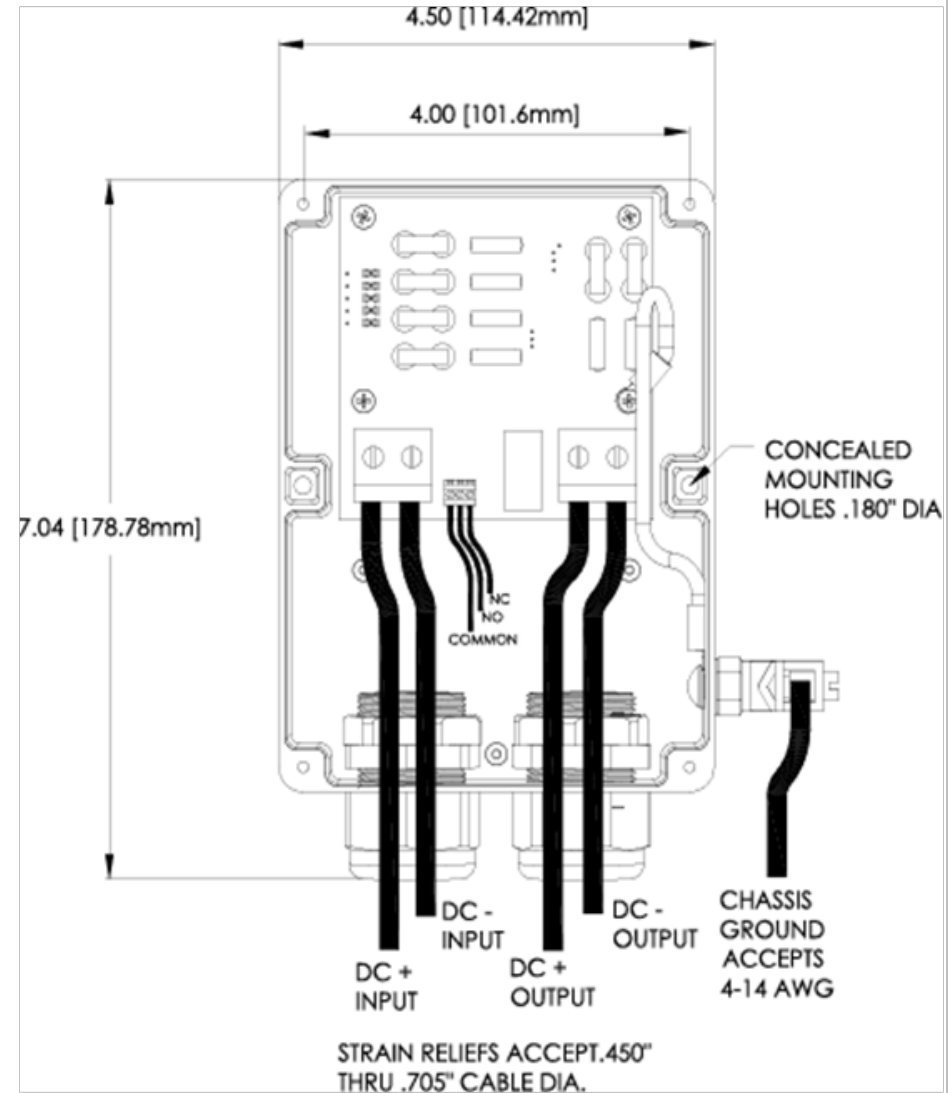
3. Wiring the DCOD-Series

3.1 Remove the cover: loosen the four captive cover screws using a philips screwdriver and lift off the cover.

3.2 Wiring the suppressor: Thread the power cable from the power source to the strain relief adjacent to the power connector marked “input” strip back the cable jacket as needed. Strip the power conductors .4” (10mm) and connect the DC Input +/- terminals. Thread the power cable to the load through the strain relief adjacent to the power connector marked “output” . Strip back the cable jacket as needed. Strip the power conductors .4” (10mm) and connect to the DC Output +/- terminals. Tighten both connectors to 10 in-lb and tighten the strain relief to 5 in-lb.

3.3 Wiring the remote contacts: Each DCOD unit is capable of remote annunciation. The annunciation is a form c relay contact set capable of up to 2 Amps. The remote annunciation connector accepts #16 to #30 AWG wire and terminals are labeled on the circuit board to locate connections for “Common”, Normally Open” and “Normally Closed”. Wiring may be part of a multi-conductor power cable or a separate cable (customer to drill hole and install water-tight conduit fitting).

3.4 Grounding: Connect the external ground lug on the enclosure to a solid Earth Ground. The unit must be grounded for the suppressor to operate properly!



Note: Unit must be grounded for the suppressor to operate properly!

1200-350 Rev D