

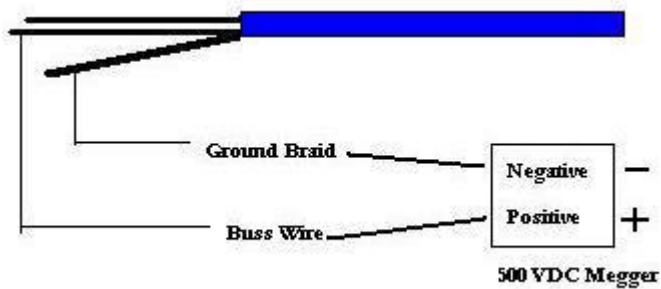
TESTING SELF-REGULATING CABLE

A test should be performed when the heating cable is received, prior to installation and after installation using a 500 VDC megger.

Note: Do not use a megger in excess of 2500 VCD.

Detecting cable damage prior to the application of insulation can prevent additional labor costs.

Minimum readings of 20 Megohms for each circuit is an acceptable level to test for.



A record should be kept of the reading after the cable has been installed. This reading can be used as a reference point when taking future readings during regular maintenance.

A history of resistance readings can be useful in spotting moisture ingress into the cable from either junction boxes or physical damage to the cable.

See the following page for a “Test Report” template.

HEATING CABLE TESTING REPORT

Customer _____ Contractor _____

Phone No. _____ Phone No. _____

Site Location _____ Project Ref. _____

Readings Prior to Installation:

Cable Reference No _____ Heater Length _____

Insulation Resistance (M Ohms) _____

Tested By _____ Date _____

Witnessed By _____ Date _____

Readings after Installation:

Insulation Resistance (M Ohms) _____

Tested By _____ Date _____

Witnessed By _____ Date _____

Final Readings:

Insulation Resistance (M Ohms) _____

Panel No. _____ Breaker No. _____

Ambient Temp _____ Volts _____ Amps _____

Tested By _____ Date _____

Witnessed By _____ Date _____