



SERVICE AND APPLICATION NOTES

ACC-16-03
March 3, 2016

Equipment Interface Module (10T50) and Outdoor Air Sensor (X2658)

AFFECTED PRODUCTS

Equipment Interface Module (EIM)

ISSUE

We have had field reports that the Outdoor Air Sensor when used with the Equipment Interface Module may give false temperature readings during times of low outdoor temperatures.

Root cause for issue has been found to be the wrong resistance curve chart used in the EIM software.

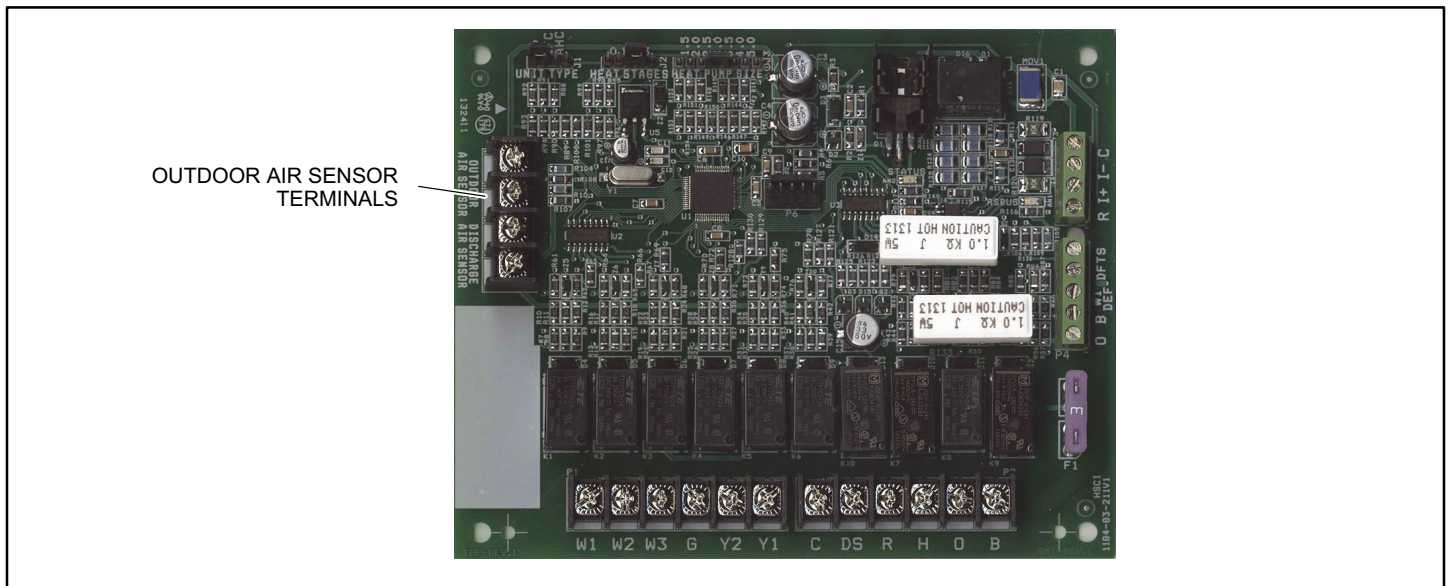


Figure 1. Equipment Interface Module (EIM) Outdoor Air Sensor Terminals

RECOMMENDED SOLUTION:

SHORT TERM:

1. Obtain a Defrost Sensor Harness kit (Catalog # 10D08).
2. Remove the harness from the packaging and select one of the three sensors attached (all three sensors have identical temperature/resistance curves).
3. Cut one sensor from the sensor harness 6-pin connector and wire it directly to the outdoor air sensor terminals on the EIM.

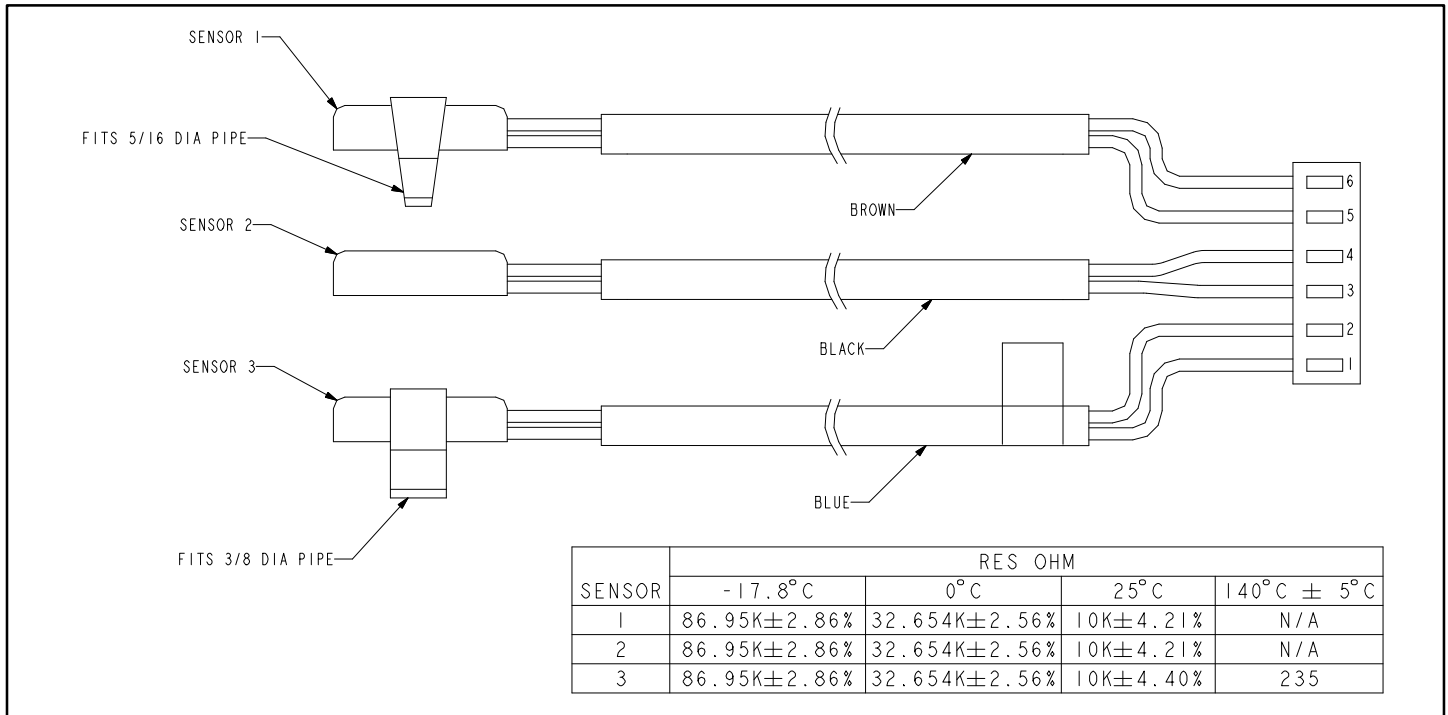


Figure 2. Equipment Interface Module (EIM) Outdoor Air Sensor Terminals

LONG TERM:

All products in the manufacturer's inventory will be reflashed and shipped as need to restore warehouse inventory. Due to limited warehouse supply and low issue priority, warehouse stock will not be reworked.

To identified a EIM that has the updated firmware, refer to the label located on the outside of the container box. The updated software version will be 1.10.

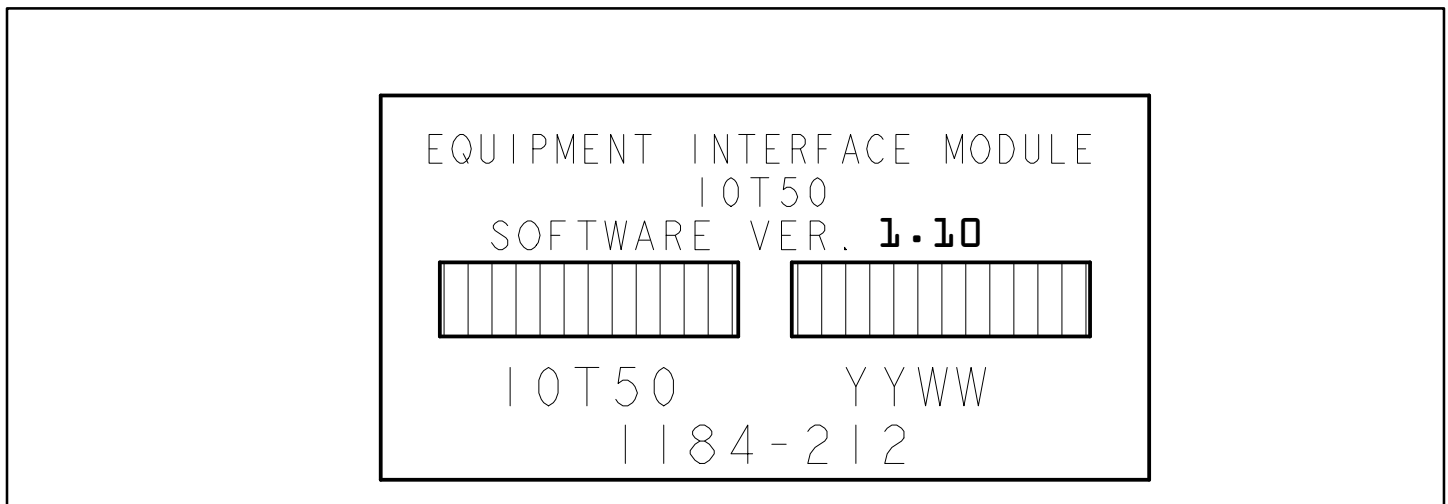


Figure 3. EIM Software Version 1.10