ComfortCalc

Manual-J Heat Loss Calculations, Hydronic Seminars

Exercise 12 Questions

EXERCISE 12 - Look at the Relay on the 24VAC, bottom part of the diagram, marked IR.

1. Where does the voltage start from to energize the relay coil IR? _____

2. What type of relay is IR? Circle the proper type.

SPST SPDT DPST DPDT

Find the contacts operated by this relay. They will be marked IR#. The number will start at IR1 and increase until the number of contacts is met.

3. What voltage amount should the IR1 **contacts** be transferring? _____

4. When closed, what component does the IR1 contact start?

5. What amount of voltage is transferred through these contacts? _____ .

6. Look for another set of IR contacts. They are IR What #?

_____

7. What are the terminal numbers? _____

8. Where do these contacts get their volts?

_____

9. If all the contacts and safeties are closed, and the vent damper is open, at what component does the voltage end? Do not include the gas valve.

_____

10. What is the ending terminal number? _____