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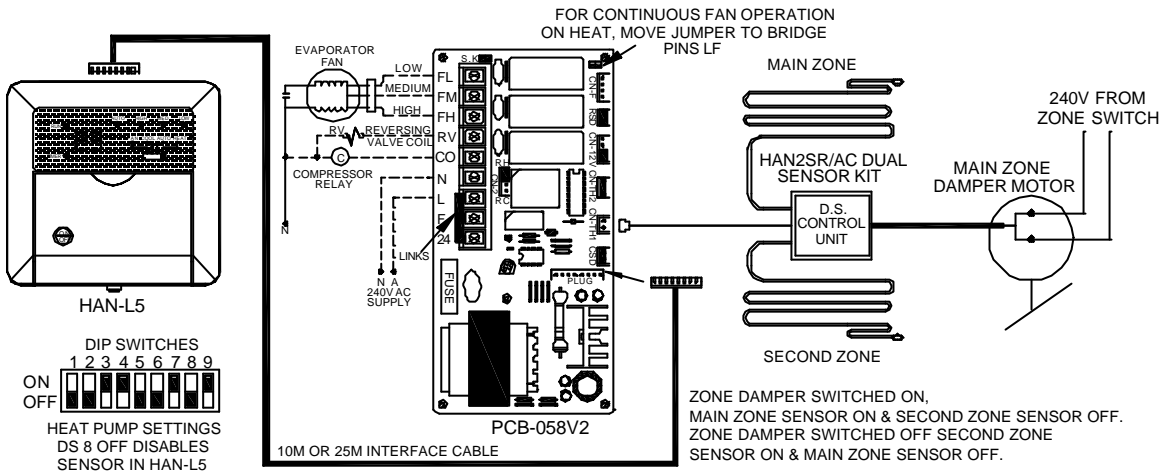
APPLICATION BULLETIN : HAN-L5/PCB-058V2. SUBJECT : HAN2SR/AC - DUAL SENSOR KIT.



SENSOR CHANGE OVER KIT FOR 2 OR 3 ZONE AIR CONDITIONING INSTALLATIONS.

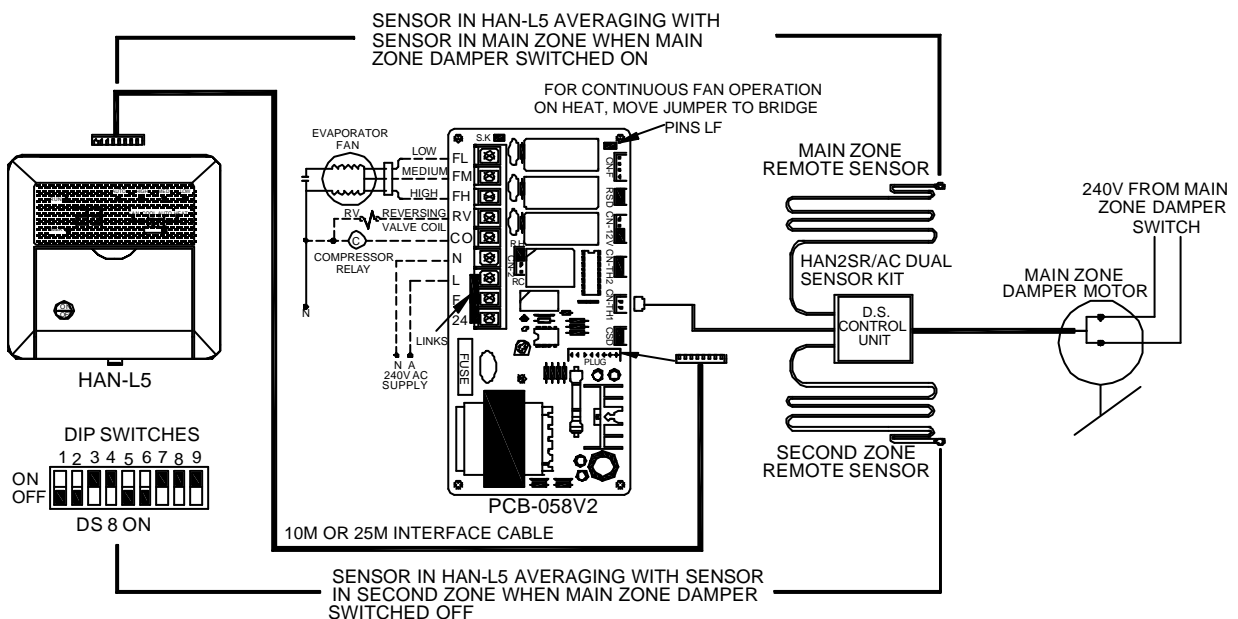
A) Dual Sensor Kit With Auto Change Over.

The HAN2SR/AC dual sensor kit allows the installation of multiple sensors on the standard HAN-L5 air conditioning controllers. Temperature control of 2 or 3 zone systems can be achieved by using the HAN2SR/AC kit to sense the temperature in a day zone or night zone. Auto switch over of the sensors from zone to zone is carried out by using the 240 volt supply to a zone damper motor. By connecting the HAN2SR/AC kit to the day zone damper motor when the day zone damper is switched off, the sensor in the night zone automatically becomes the controlling sensor. Alternatively if the HAN2SR/AC is connected to the night zone when this zone is switched on the night zone sensor becomes the controlling sensor. (Refer to Figure 1).



B) Dual Change Over Sensors – Averaging With a Main Zone.

As the HAN-L5 allows averaging between 2 sensors, the HAN2SR/AC can also be used as indicated in Figure 2. With this method of control the on board sensor in the HAN-L5 averages with either the main zone or the second zone sensors. This is a useful control configuration when one zone is required to be on at all times with 2 other zones on a change over arrangement.



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