

Q: What is the maximum number of SCM modules I can connect together?

A: Up to 12 SCM-RMs can be daisy chained from a single SCM-NM using the 600VAC-rated RJ45 cable.

Q: Can I use standard Ethernet cables for networking the modules?

A: No. The system requires a 600VAC-rated, shielded RJ45 cable designed for power and communication in electrical environments. To purchase, contact your local distributor.

Q: Do I need a Status Display module for each SCM?

A: Not required but recommended.

- One Status Display connected to the SCM-NM provides visibility for alarms in the HSM 600 network. Multiple Status Displays improve compartment level visibility for alarms
- Since the Status Display also houses the ambient sensor for ΔT , it is recommended to mount at least one module off the profile of the equipment. Additional Status Display modules connected to SCM-RMs can reference internal compartment ambient for ΔT if configured that way within the HSM 600 Web Utility

Q: How is dew point calculated?

A: Each SCM includes onboard ambient temperature and humidity sensors. Dewpoint is calculated internally and compared to a user defined threshold within the HSM 600 Web Utility.

Q: Can the HSM 600 operate as a stand alone device?

A: Yes — the SCM-NM can operate independently. The SCM-RM cannot; it requires an SCM-NM for power and communication.

Q: What types of alarms can be generated?

- A:
- High temperature (single sensor absolute value)
 - Phase to ambient ΔT
 - Phase to phase ΔT
 - Dew point risk (condensation warning)

Q: Are the thermistor sensors safe to mount directly on bus bars?

A: Yes. They are UL listed at 600VAC, designed for direct mounting on busbars or insulated cables using cable ties, rubber tape, Velcro® or thermal epoxy.

Q: Can the system integrate with SCADA or PLCs?

A: Yes. The SCM-NM supports Modbus TCP/IP, Ethernet/IP™, Hardwired relay outputs for alarm signaling

Q: How do I download data or configure thresholds?

A: Use the embedded HSM 600 Web Utility accessible on the leftmost Ethernet port on the SCM-NM, then navigate to the CURRENT DATA menu tab and in the lower right corner is the DOWNLOAD LOG section where (3) different files are available for download.