

PART 1 - GENERAL

1.1 ACTION AND
INFORMATIONAL
SUBMITTALS

- .1 Submit in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Product Data:
 - .1 Submit manufacturer's instructions, printed product literature and data sheets for electric and electronic control system for HVAC and include product characteristics, performance criteria, physical size, finish and limitations.
- .3 Certificates: submit certificates signed by manufacturer certifying that materials comply with specified performance characteristics and physical properties.

1.2 DELIVERY,
STORAGE AND
HANDLING

- .1 Deliver, store and handle materials in accordance with Section 01 61 00 - Common Product Requirements and with manufacturer's written instructions.
 - .2 Delivery and Acceptance Requirements: deliver materials to site in original factory packaging, labelled with manufacturer's name and address.
 - .3 Storage and Handling Requirements:
 - .1 Store materials indoors in dry location and in accordance with manufacturer's recommendations in clean, dry, well-ventilated area.
 - .2 Store and protect electric and electronic control systems from nicks, scratches, and blemishes.
 - .3 Replace defective or damaged materials with new.
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2018-06-08

PART 2 - PRODUCTS

- 2.1 THERMOSTAT (LINE VOLTAGE-HEATING AND COOLING) .1 Line voltage, wall-mounted thermostat, for heating and cooling control with:
- .1 Full load rating: 16 A at 120 V.
 - .2 Temperature setting range: 5 degrees C to 30 degrees C.
 - .3 Thermometer range: 5 degrees C to 30 degrees C.
 - .4 Markings in 5 degree increments.
 - .5 Differential temperature fixed at 1.1 degrees C.

- 2.2 THERMOSTAT GUARDS .1 Thermostat guards: lockable, clear plastic. Slots for air circulation to thermostat.

PART 3 - EXECUTION

- 3.1 EXAMINATION .1 Verification of Conditions: verify that conditions of substrate previously installed under other Sections or Contracts are acceptable for electric and electronic control systems installation in accordance with manufacturer's written instructions.
- .1 Visually inspect substrate in presence of Departmental Representative.
 - .2 Inform Departmental Representative of unacceptable conditions immediately upon discovery.
 - .3 Proceed with installation only after unacceptable conditions have been remedied and after receipt of written approval to proceed from Departmental Representative.

- 3.2 INSTALLATION .1 Install control devices.
- .2 Install remote sensing device and capillary tube in metallic conduit. Conduit enclosing

- 3.2 INSTALLATION .2 (Cont'd)
(Cont'd) capillary tube must not touch heater or
 heating cable.
- 3.3 CLEANING .1 Progress Cleaning: clean in accordance with
 Section 01 74 11 - Cleaning.
 .1 Leave Work area clean at end of each
 day.
- .2 Final Cleaning: upon completion remove
 surplus materials, rubbish, tools and
 equipment in accordance with Section 01 74 11
 - Cleaning.
- .3 Waste Management: separate waste materials
 for reuse and recycling.