

## BAS CONTROLLERS

### Field Controllers

## Terminal Unit Controllers

### TUC03

#### Configurable Terminal Unit Controller

The TUC03 configurable Terminal Unit Controller is designed specifically to provide direct digital control of terminal unit applications with heating and/or cooling coils, an electric heater and a three-speed or variable speed fan.

These applications include close control units, fan coil units, unit ventilators and chilling or heating ceiling beam installations.

The device can be configured by the installer, without the need of a PC and software tool, using a set of on-board dip-switches.

The controller is designed for field installation in a panel or enclosure or for mounting by original equipment manufacturers (OEMs) on DIN-rail or directly on a surface.

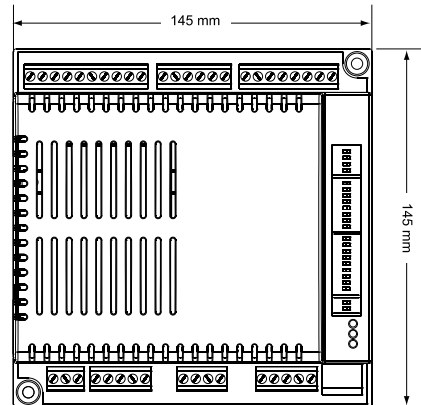
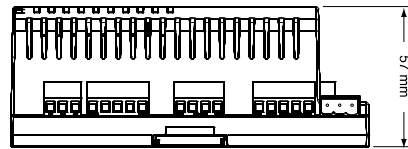
The space comfort set point, occupancy mode and fan speed may be adjusted from a wide range of room sensor modules with options for a digital display.

Communication options are available to enable the controller to be integrated into an N2 Open or BACnet® network of a building automation system. The BACnet interface of the controller complies with the ANSI/ASHRAE Standard 135-2004 for sharing data other devices on the network.

#### Features

- Field Selectable application type, communication protocol and room module, via dip-switches on controller
- 230 VAC power supply
- 5 VDC / 15 VDC / 24 VAC power supply for field devices, directly provided by the controller
- Modular range of room sensor modules
- Network communications options - N2 Open and BACnet MS/TP
- BACnet MS/TP with peer to peer communication
- Configurable using standard tools

Ordering Codes	Description
TUC0301-2	230 VAC N2 / BACnet Terminal Unit Controller, No Cover
TUC0311-2	230 VAC N2 / BACnet Terminal Unit Controller



Dimensions in mm

**TUC03**

Configurable Terminal Unit Controller

Ordering Codes	Description
<b>Room Sensor Modules with LCD Display and Integrated IR Receiver</b>	
<b>LP-RSM003-000C</b>	Room Sensor Module, wall mount
<b>LP-RSM003-001C</b>	Room Sensor Module, horizontal flush mount
<b>LP-RSM003-003C</b>	IR receiver w/ integrated temperature sensor
<b>LP-RSM003-004C</b>	IR hand held remote control unit
<b>Room Sensor Modules without Display - 80 mm x 80 mm</b>	
<b>TM-2140-0000</b>	Room sensor module, temperature sensor only
<b>TM-2150-0000</b>	Room sensor module, occupancy button and LED
<b>TM-2160-0000</b>	Room sensor module, 12-28° C setpoint dial, occupancy button and LED
<b>TM-2160-0002</b>	Room sensor module, 12-28° C setpoint dial, occupancy button and LED, fan speed override
<b>TM-2160-0005</b>	Room sensor module, +/- setpoint dial, occupancy button and LED
<b>TM-2160-0007</b>	Room sensor module, +/- setpoint dial, occupancy button and LED, fan speed override
<b>TM-2190-0000</b>	Room sensor module, 12-28° C setpoint dial
<b>TM-2190-0005</b>	Room sensor module, +/- setpoint dial
<b>Room Sensor Modules with Backlit LCD Display - 80 mm x 80 mm</b>	
<b>RS-1180-0000</b>	Room Sensor module, 12-28° C setpoint dial
<b>RS-1180-0005</b>	Room Sensor module, +/- setpoint dial
<b>RS-1180-0002</b>	Room Sensor module, 12-28° C setpoint dial, fan speed override
<b>RS-1180-0007</b>	Room Sensor module, +/- setpoint dial, fan speed override
<b>Accessories</b>	
<b>LP-KIT003-010C</b>	Remote temperature sensor, NTC 50k $\Omega$ , bulb, 80 cm leads
<b>LP-KIT003-011C</b>	Remote temperature sensor, NTC 50k $\Omega$ , wall mount, decorative box
<b>LP-KIT003-012C</b>	Remote temperature sensor, NTC 50k $\Omega$ , duct mount
<b>LP-KIT003-013C</b>	Remote temperature sensor, NTC 50k $\Omega$ , wall mount, decorative box
<b>HX-9100-8001</b>	Condensation (dew point) sensor
<b>TE-9100-8502</b>	Remote temperature sensor, NTC 10k $\Omega$ , bulb, 150 cm leads
<b>TS-9104-8700</b>	Remote temperature sensor, NTC 10k $\Omega$ , ceiling



LP-RSM003-000C



RS Series



LP-RSM003-001C



TM Series



LP-RSM003-003C  
and LP-RSM003-004C