

COMPANY CONFIDENTIAL

## New Product Release

18 Apr 2017

001-017-MEA-HVAC-NPR

### TUC03 Terminal Unit Control Solution

Johnson Controls Middle East and Africa is pleased to announce TUC03 Series of Configurable Terminal Unit Controllers as direct replacement for FX03.

The new TUC03 will take over the earlier discontinued FX03 providing an effective one to one replacement.

It features the same functions, options, dimensions and terminals connection but implementing an enhanced BACnet MS/TP communication driver ensuring better communication performances.

Following this release to sales announcement for all new projects that require configurable terminal unit field controllers you are recommended to use the TUC03 series controllers.



#### Introduction

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 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 room sensor selected 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 with other devices on the network.

#### Utilities

The TUC03 features a factory programmed configurable application.

Start-up communication and configuration options (room sensor module type, outputs management, for example) are field selectable via onboard dip-switches, not requiring the use of a computer or any additional software.

## Features of the new offering

Product	TUC0311-02RY Configurable Terminal Unit Controller
Power Requirements	230VAC $\pm$ 10%, 50/60Hz
Power Consumption	5 VA, no load 15 VA, max load
Ambient Operating Conditions	0 to 50°C 10 to 90% RH non condensing
Ambient Storage	-20 to 70°C 10 to 90% RH non condensing
Mounting	Din Rail or 2 Screws
Dimensions	56 x 145 x 145 mm
Shipping Weight	0,8 Kg
Terminations	Screw Terminals. Max. 1 x 2.5 mm <sup>2</sup> (24 - 12 AWG) wires
Protection Class	IP20 CEI/EN60529
CE compliance	Johnson Controls, Inc., declares that these products are in compliance with the essential requirements and other relevant provisions of the EMC Directive 2004/108/EC and Low Voltage Directive 2006/95/EC

## Ordering Codes

Product Code	Description
TUC0311-02RY	230 VAC N2 / BACnet Terminal Unit Controller

## Documentation

For the updated Technical Documentation please refer to the **TUC03 Product Page** in Virtual Branch

## Release Schedule

Item	Date
Orderable via AOMS from the Distribution Center	April, 2017
Products available to ship	April, 2017

Sincerely,

System Products Team  
Middle East & Africa  
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