

FX-PCA4911 Advanced Application Controller Installation Guide

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Application

The FX-PCA4911 Advanced Application Controller is part of the FX-PC Series Programmable Controller family. The FX-PCA equipment controllers run pre-engineered and userprogrammed applications, and provide the inputs and outputs required to monitor and control a wide variety of HVAC equipment.

FX-PCA4911 controllers operate on BACnets/IP networks and integrate into Johnson Controls® and third-party systems. The controllers include an integral real-time clock, which enables the controllers to monitor and control schedules, calendars, and trends, and operate for extended periods of time as stand-alone controllers when offline from the Facility Explorer® system network.

The FX-PC controllers and network sensors communicate using the BACnet protocol. The BACnet protocol is a standard for ANSI, ASHRAE, and the International Standards Organization (ISO) for building controls. FX-PCA controllers are BTL-listed and certified as BACnet Advanced Application Controllers (B-AACs).

North American emissions compliance

United States

This equipment has been tested and found to comply with the limits for a Class A digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when this equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area may cause harmful interference, in which case the users will be required to correct the interference at their own expense.

Canada

This Class (A) digital apparatus meets all the requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la Classe (A) respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

Installation

Observe the following guidelines when installing a controller:

- To minimize vibration and shock damage, transport the controller in the original container.
- · Verify that all parts shipped with the controller.
- Do not drop the controller or subject it to physical shock.

Parts included

- One Advanced Application Controller.
- One installation instructions sheet.

Materials and special tools needed

- Three fasteners appropriate for the mounting surface (M4 screws or #8 screws)
- One 23 cm (9.125 in.) or longer piece of 35 mm DIN rail and appropriate hardware for DIN rail mount (only)
- Small straight-blade screwdriver for securing wires in the terminal blocks

Johnson Controls Fx 20 Manual

R Barnett

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Table of Contents Johnson Controls Fx 20 Manual

- 1. Understanding the eBook Johnson Controls Fx 20 Manual
 - The Rise of Digital Reading Johnson Controls Fx 20 Manual
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Johnson Controls Fx 20 Manual
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Johnson Controls Fx 20 Manual
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from Johnson Controls Fx 20 Manual
 - Personalized Recommendations
 - o Johnson Controls Fx 20 Manual User Reviews and Ratings
 - o Johnson Controls Fx 20 Manual and Bestseller Lists
- 5. Accessing Johnson Controls Fx 20 Manual Free and Paid eBooks
 - o Johnson Controls Fx 20 Manual Public Domain eBooks
 - Johnson Controls Fx 20 Manual eBook Subscription Services
 - Johnson Controls Fx 20 Manual Budget-Friendly Options
- 6. Navigating Johnson Controls Fx 20 Manual eBook Formats

- ∘ ePub, PDF, MOBI, and More
- Johnson Controls Fx 20 Manual Compatibility with Devices
- o Johnson Controls Fx 20 Manual Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Johnson Controls Fx 20 Manual
 - Highlighting and Note-Taking Johnson Controls Fx 20 Manual
 - Interactive Elements Johnson Controls Fx 20 Manual
- 8. Staying Engaged with Johnson Controls Fx 20 Manual
 - Joining Online Reading Communities
 - o Participating in Virtual Book Clubs
 - $\circ\,$ Following Authors and Publishers Johnson Controls Fx 20 Manual
- 9. Balancing eBooks and Physical Books Johnson Controls Fx 20 Manual
 - Benefits of a Digital Library
 - o Creating a Diverse Reading Collection Johnson Controls Fx 20 Manual
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Johnson Controls Fx 20 Manual
 - Setting Reading Goals Johnson Controls Fx 20 Manual
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Johnson Controls Fx 20 Manual
 - Fact-Checking eBook Content of Johnson Controls Fx 20 Manual
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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