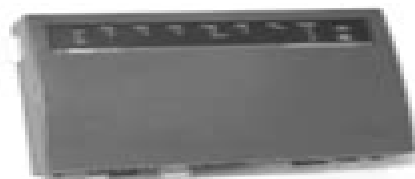


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- Powerful, Modular CPU Board for Monitoring and Control of Both Continuum I/O Modules and Infinity Infinity Distributed Controllers

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- Plain English® Language Simplifies Programming

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CONTINUUM™

NetController CPU Module

The Continuum NetController is the high-powered Central Processing Unit (CPU) module and network manager for the Andover Controls Continuum intelligent building system. With its 8 Mb DRAM, 4 Mb flash EPROM, math co-processor, and four programmable communications ports, including an interface to Infinity's Infinet distributed controllers, the Continuum NetController provides a total solution for facility-wide network communications and information management. A lower-cost version of the NetController is also available with 4Mb DRAM, 2 Mb flash EPROM, and no math co-processor.

HIGH-SPEED COMMUNICATIONS

The NetController acts as the system coordinator, providing integrated global control and monitoring, history logging, and local and remote alarming for both the Continuum I/O modules and the RS-485 Infinet controllers that control your individual building services—heating, ventilating, air conditioning, lighting, access control, smoke control, and more. The NetController communicates with the Continuum I/O modules via Lon communications and a choice of RS-485 or free topology bus media.

An optional Ethernet port also allows the NetController to communicate with other NetControllers and Continuum Workstations over a high-speed 10Mb Ethernet Local Area Network (LAN) using the TCP/IP protocol. Continuum workstations are capable of communicating with up to 4 million nodes on Ethernet. Two different Ethernet interfaces are available—you can choose either a 10BASE-2 (thin coax) or 10BASE-T (twisted pair) cabling media.

NetController's flash EPROM allows you to download software revisions over Ethernet using a Continuum workstation. This flash memory feature eliminates the need to perform EPROM change-outs in the field.

SERIAL COMMUNICATIONS

NetController's four programmable communications ports can be configured as either an RS-232 or an RS-485 interface to modems, printers, third-party devices, and up to two Infinity Infinet field controller networks. Andover Controls has developed an extensive library of third-party software interfaces, including controls for chiller panels, fire alarm systems, emergency generator systems, bar code readers, elevator controls, video matrix switchers, and more.

PLAIN ENGLISH® PROGRAMMING

The Continuum NetController can be configured to meet the exact requirements of your application using the powerful Andover Controls Plain English programming language. Programs are entered into NetController using the Continuum Workstation. The program is then stored in, and executed by, the NetController. Just as with Infinity, one simple language is used system-wide.

Andover Continuum Hvac Graphic Manual

John Gladstone, W. David Bevirt



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Official Gazette of the United States Patent and Trademark Office ,2000 **Security** ,2000 Consulting-specifying Engineer ,2005 *Consultants & Consulting Organizations Directory* Cengage Gale,2009-05-12 *Air-conditioning System Design Manual* Walter T. Grondzik,2007 The Air Conditioning Manual assists entry level engineers in the design of air conditioning systems It is also usable in conjunction with fundamental HVAC R resource material as a senior or graduate level text for a university course in HVAC system design The manual was written to fill the void between theory and practice to bridge the gap between real world design practices and the theoretical calculations and analytical procedures or on the design of components This second edition represents an update and revision of the manual It now features the use of SI units throughout updated references and the editing of many illustrations Helps engineers quickly come up with a design solution to a required air conditioning system Includes issues from comfort to cooling load calculations New sections on Green HVAC systems deal with hot topic of sustainable buildings HVAC Testing, Adjusting, and Balancing Field Manual John Gladstone,W. David Bevirt,1996-12-22 Publisher s Note Products purchased from Third Party sellers are not guaranteed by the publisher for quality authenticity or access to any online entitlements included with the product Take Advantage of the Latest Guidance on the Hottest Area in HVAC As health problems related to poor indoor air quality become increasingly evident demand for better quality and efficiency in air systems is skyrocketing making HVAC testing adjusting and balancing TAB the fastest growing HVAC discipline Here is a practical nuts and bolts manual devoted to this specialty now revised and updated with new information about such vital topics as Indoor air quality Energy recovery systems Fan surge Duct leakage System performance Temperature control verification And more You ll also find new chapters on systems balancing controls clean rooms sound vibration and solutions to TAB problems as well as a chapter with a model standard for TAB cost estimating Sponsored by the National Environmental Balancing Bureau the book s clear step by step explanations will help you understand and meet requirements for testing measuring adjusting balancing troubleshooting and cost estimating TAB function for tall buildings restaurants hospitals and other institutional settings **HVAC Procedures & Forms Manual, Second Edition** Wendes,2001-11-30 Developed over the course of many years of on the job projects involving HVAC energy auditing testing balancing and cost estimating and refined through feedback from thousands of engineers and technicians who have used them the forms contained in this manual are concise comprehensive and optimally organized for easy reference Complete sets of forms are provided for all aspects of testing and balancing energy auditing indoor quality diagnosis and load calculations The first edition entitled HVAC Energy Audit Balancing Forms Manual compiled these time saving forms for the first time in a single reference This enhanced second edition adds a new chapter on technical management providing procedures for achieving thorough systematic and accurate problem solving troubleshooting and decision making in building systems management and contracting **HVAC Systems Commissioning Manual** ,2013

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Table of Contents Andover Continuum Hvac Graphic Manual

1. Understanding the eBook Andover Continuum Hvac Graphic Manual
 - The Rise of Digital Reading Andover Continuum Hvac Graphic Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Andover Continuum Hvac Graphic 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 Andover Continuum Hvac Graphic Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Andover Continuum Hvac Graphic Manual
 - Personalized Recommendations
 - Andover Continuum Hvac Graphic Manual User Reviews and Ratings
 - Andover Continuum Hvac Graphic Manual and Bestseller Lists
5. Accessing Andover Continuum Hvac Graphic Manual Free and Paid eBooks
 - Andover Continuum Hvac Graphic Manual Public Domain eBooks
 - Andover Continuum Hvac Graphic Manual eBook Subscription Services
 - Andover Continuum Hvac Graphic Manual Budget-Friendly Options
6. Navigating Andover Continuum Hvac Graphic Manual eBook Formats
 - ePub, PDF, MOBI, and More
 - Andover Continuum Hvac Graphic Manual Compatibility with Devices
 - Andover Continuum Hvac Graphic Manual Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Andover Continuum Hvac Graphic Manual
 - Highlighting and Note-Taking Andover Continuum Hvac Graphic Manual
 - Interactive Elements Andover Continuum Hvac Graphic Manual
8. Staying Engaged with Andover Continuum Hvac Graphic Manual

- Joining Online Reading Communities
- Participating in Virtual Book Clubs
- Following Authors and Publishers Andover Continuum Hvac Graphic Manual
- 9. Balancing eBooks and Physical Books Andover Continuum Hvac Graphic Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Andover Continuum Hvac Graphic Manual
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Andover Continuum Hvac Graphic Manual
 - Setting Reading Goals Andover Continuum Hvac Graphic Manual
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Andover Continuum Hvac Graphic Manual
 - Fact-Checking eBook Content of Andover Continuum Hvac Graphic 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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