PT-201 DDC/BAS Programmer Training Unit

Building Automation   HVAC Controls   Energy Management   DDC Programming

Overview

   The PT-201 is a portable training unit specifically designed for the building automation industry. The controller has a built-in web-based configuration dashboard. All inputs and outputs can be wired by the student, resulting in a highly interactive student – trainer experience.   The PT-201 is designed specifically for training DDC/BAS programmers who work with programmable unitary controllers. Graphical object oriented programming is presented using the non-proprietary, open-licensed Sedona Framework® developed by Tridium. The program can be backed up and restored using the provided

Toolkit software.   The BAScontrol22 is a unitary Sedona / BACnet IP programmable controller. Programming is done using the included SAE® (Sedona Application Editor). Students create programs in the unitary controller that control the ouptut devices allowing them to experience the results of their programming in real-time. The PT-201s can be operated stand alone or easily networked together for use in a learning center environment. The rugged, weatherproof case

has a built-in handle and a removable cover.   The case can be permanently mounted to a tabletop using the integral mounting slots. A variety of banana plug jumper cables are included for controller wiring. A

Student Guide is included containing setup instructions, a wiring schematic, Sedona component descriptions and some basic programming Sequence of Operations (SOO).

The PT-201 DDC/BAS Programming system can be purchased in two versions:

PT-201-Bc20 – Contemporary Controls BAScontrol20 controller, BAS Toolkit software, Intro to Sedona Course Curriculum (USB Drive). Pre-wired Banana Test Leads. Full 1 yr. warranty.

PT-201-DIN - DIN rail mount (No controller included), BAS Toolkit, Banana Test Lead Kit.   Limited 1yr. warranty. No curriculum included.

Components

Programmable Sedona 20 point unitary controller with BACnet IP, and web interface

Instrument panel with Input/Output components and 24vac posts

Belimo 2-10vdc Actuator with 2-10vdc position feedback

Relay with HOA switch

0-20 vdc Digital meter

5 port Ethernet switch 10/100mpbs

Banana plug jumper kit with storage pouch

Specifications

Power Requirements	50w 120vac 60hz
Operating Temperature	55°F to 85°F
Storage Temperature	10°F to 110°F
Relative Humidity	10 to 95% RH non-condensing
Mounting	5/16" carriage bolts (2) optional
Shipping Weight	20 lbs (not including workbooks)
Dimensions	18.5"W x 14"H x 7"D (w/cover)

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