

Supervisory Panel Systems

Educational Training Equipment for the 21st Century

Bulletin 246-112H

H-RCSD-3A

Residential/Commercial Remote Control Switching Demonstrator

Purpose

The Hampden **Model H-RCSD-3A** Residential/Commercial Remote Control Switching Demonstrator provides a complete trainer showing a state-of-the-art building wiring system control of lighting and appliances via programmed or manual remote.

Description

The **Model H-RCSD-3A** Residential/Commercial Remote Control Switching Demonstrator is based on the LonWorks® Control System using the various building automation components designed to simulate a residential/commercial wiring system, including a complete comprehensive training program. These devices freely exchange operating system information utilizing an internally accepted and LonMark® Interoperability Association controlled open protocol.

The following components are included:

- Load Center with circuit breakers (1)
- Universal Input Modules (2)
Provides Digital and Analog
- Wall Switch (1)
- Digital Thermostat (1)
- Scheduler Module (1)
- Dimmer Control Units (2)
- Occupancy Sensor (1)
- Network Relay (1)
- Dual Relay Switching Unit (1)
- Smoke Detector (1)
- Fire Alarm (1)
- Security Control Module (1)
- Keypad (1)
- Colored Lamps with sockets (8)
- Fluorescent Lamps with fixtures (2)
- 12V.DC Power Supply (1)
- 24V.DC Power Supply (1)
- Laptop Computer with cables (1)
- USB Interface Module (1)
- LonMaker™ for Windows (1)
- Instructor Insertable Faults (12)
- Cord Set



MODEL H-RCSD-3A

Dimensions: 72"H x 60"W x 28"D

Shipping Weight: 600 lbs

All components are wired to Hampden HB-3M captive head color coded binding post or Hampden HR-1S color coded banana jacks to permit student experimentation on each component.

All nomenclature and graphics are silk-screened in black.

Specifications

The Hampden **Model H-RCSD-3A** Residential/Commercial Remote Control Switching Demonstrator consists of a panel enclosure mounted on a mobile stand. The enclosure is fabricated of 14-gauge furniture stock steel finished in dark grey texture.

The panels are 11-gauge furniture stock steel finished in gloss white enamel. (Components are mounted on both front and back.)

The dimensions are as follows: 72" high, 60" wide by 28" deep, mounted on a mobile stand constructed of 14-gauge, 2" square mechanical grade steel tubing, finished in dark grey texture.

The stand is mounted on four swivel casters (two with brake) and includes a fold down shelf mounted on the right side.

Service Required

Electrical: 120V AC-1Ø-60Hz, 15A

All Hampden units are available for operation at any voltage or frequency

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