DATA SHEET

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 03/21/16

CP-3500D

FIRE ALARM CONTROL PANEL

Overview

The CP-3500D is an intelligent Fire Alarm Control Panel suitable for any type occupancy regardless of size. The versatility, network integration, and scalability make this panel ideal for virtually any application.

The CP-3500D will support up to 1024 addressable devices and repeaters while providing true network operation and communication. Network operation includes wireless command signals to repeaters and wireless relays for activation of control functions such as appliance circuits, elevator recall, HVAC control and more. The CP-3500D allows for the reporting of up to four separate alarm types and provides for event memory recall of alarm, supervisory and all control functions. Alarm and trouble signals are also wirelessly transmitted to remote annunciators.

The CP-3500D incorporates dual transceiver technology and utilizes Frequency Hopping Spread Spectrum (FHSS) signaling as well as reception protocols to assure the most secure and reliable fire alarm network available. The CP-3500D meets all National Code Requirements and is UL Listed for Protected Premises, Remote Station, Central Station, Proprietary, Auxiliary Service, Manual, Waterflow and Sprinkler Supervisory.

Features

- UL 864 9th Edition Listed
- 1024 Device Capability
- 4 Alarm Types
- Bi-Directional RF Communication
- 900 MHz Frequency Hopping Spread Spectrum Format
- CRC Data Validation
- Supervisory Self-Restore
- Trouble Self-Restore
- 2-Device Alarm Zones
- Tandem Smoke Detector Control
- 24 or 60 Hour Battery Standby Time
- Field Selectable NACs Voltage and Class
- 4 N.O. Alarm Dry Contact Outputs
- 2 Form C Programmable Dry Contact Alarm Outputs
- 2 Form C Trouble Outputs
- Auxiliary Municipal City Box Output
- Time and Date with Daylight Savings Self Adjustment
- Device Enrollment Feature
- Test Mode Automatically Times out in 4 Hours
- Password and Key Lock Protected Non-volatile Memory
- Field Programmable
- **History of events for:**
  1000 Alarm/Supervisory Signals
  1000 Trouble Signals
  1000 Test Log Signals
  2000 All Event Log Report
- Point Specific Fire Alarm Reporting
- Pinpoint Off-Site Annunciation
- SIA Format Event Reporting
- Supervised Dialer Interface
- Compatible with Keltron SDACT 2 Communicator
- **Listings:**
  Protected Premises, Remote Station , Proprietary, Central Station, Auxiliary Service, Automatic, Smoke Detector Monitor, Manual, Waterflow Sprinkler Supervisory

LISTED FM APPROVED NYFD APPROVED

tyco Fire Protection Products

10798 NW 53rd Street / Sunrise, FL 33351, USA / +1-954-318-6005 / www.cwsifire.com
Copyright © 2015 Tyco Fire Products LP. / All rights reserved. / Form No. TYENCWSI301DET (07/15)

DATA SHEET

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 03/21/16

CP-3500D

FIRE ALARM CONTROL PANEL

Specifications

- **Power Source:** 120/240Vac 50/60Hz 1 Amp dedicated
- **Battery Type:** Two 12Vdc 4Ah Sealed Lead Acid Batteries Connected in Series for up to 24 Hours Standby Operation or two 12Vdc 7Ah Sealed Lead Acid Batteries Connected in Series for 60 Hours Standby Operation
- **Special Application NACs:**
  Programmable Non Power Limited. 1 Class "A" (Style Z) or 2 Class "B" (Style Y) Field Selectable
  Class A Ratings: 24Vdc @ 1 Amp
  Class B Ratings: 24Vdc @ 1 Amp Each
- **Regulated NACs:**
  Programmable Non-power Limited. 1 Class "A" (Style Z) or 2 Class "B" (Style Y) Field Selectable
  Class A Ratings: 24Vdc @ 100 Milliamps
  Class B Ratings: 24Vdc @ 100 Milliamps
- **Dry Contact Alarm Relays:**
  4 N.O. Common type Rated 24Vdc @ 1 Amp. Resistive
  2 Form "C" Programmable Rated 24Vdc @ 1 Amp. Resistive
- **Dry Contact Trouble Relays:**
  1 Form C Common type Rated 24Vdc @ 1 Amp. Resistive
- **Auxiliary Output:** Current 350 ma. Max Coil Resistance 14.6 Ohms
- **Transceiver Operating Frequency:** 900 MHz Band
- **Antenna Type:** Omni
- **Enclosure:** Powder Coated 16 Gauge Steel
- **Testing:** Follow the CP3500D CWSI Manual and NFPA 72 or Local Requirements
- **Transmission:** Complies to FCC Part 15

Height 17" // Width 17" // Depth 3.25" // Weight 29 lbs.

LISTED FM APPROVED NYFD APPROVED

tyco Fire Protection Products

10798 NW 53rd Street / Sunrise, FL 33351, USA / +1-954-318-6005 / www.cwsifire.com
Copyright © 2015 Tyco Fire Products LP. / All rights reserved. / Form No. TYENCWSI301DET (07/15)