

DESPLEX: 32 SERIES CONTROL UNIT

Features

- Standard Triple Data Encryption Standard (DES)
- Standard automated DES Random key Generation/Transfer
- 32 supervised alarm points (2) state or 16 supervised alarm points (4) state
- 20 relay outputs through (1) P020 option board
- Transmission module, power supply and detection module on single PC board
- 1 year warranty
- 74 PIN holders
- Precision Real Time Clock
- 2 wire communications via Bell 103 modem
- LCD Keypad security control terminal
- 16.5 VAC Power transformer
- 12 VDC Battery backup supplied
- 32 supervised monitor points
- 2 Man Rule
- Automatic Random battery testing
- Automatic Resync of Encrypted communications
- Automated DES key generation / transfer
- Automatic self diagnostics
- Unrestricted TELCO line distance

Product Information

The CU5-32 premise control unit is a high line security premise control that provides an interface from a sensitive controlled area with up to 32 supervised alarm points (2) state or 16 supervised alarm points (4) state to either a proprietary or commercial central station.

The CU5-32 premise control unit integrates a Triple Data Encrypted Standard (DES) transmission module, a 32 point detection module and a 1.5 amp power supply, all on a single PC board that communicates to the central station via an on board BELL 103 modem over 2 wire twisted pair burglar wire or data grade telco lines.

The CU5-32 provides all of the advanced configuration setup, diagnostics and event transaction reports via the LCD display or to a PTR5 local printer.

The CU5-32 is compatible with DESPLEX MP5-10, MP5-3 PLUS AND MP5-1PLUS receiver modules and still compatible with industry standard systems (i.e., Wells Fargo) for upgrade/retrofit applications.

The CU5-32 Premise Control Unit has an LCD display keypad based control and accommodate a minimum of 74 (5 digit PIN) User passwords, 32 alarm inputs and 20 Form C relay outputs.

The CU5-32 Premise Control Unit consists of an integrated Triple Data Encryption Standard (DES) high fine security Transmission Module, 32 alarm point Detection module and a 1.5 amp power supply on a single multi-layer PC board. The premise control unit shall provide a minimum of 4 hours battery backup fully loaded and be expandable to 24 hours without the use of external power supplies such as a UPS, etc.



CU5-32 Premise Control Unit

Product Information (Cont)

The CU5-32 Premise Control Unit is capable of storing a minimum of 4096 NON-VOLATILE transactions and be able to run reports by Date, Time, and event, whether to a printer or to a Computer or any program terminal emulation's packages.

The CU5-32 Premise Control Unit provides an interface to the Card Access Control via either a 4-Reader, 8 Reader or 16 Reader Controller.

The single integrated PC board is housed in a sturdy 16 gauge steel enclosure with full length piano hinged access door measuring 12.5 x 9.38 x 3.84 inches, supplied with a round key type tumbler lock and be tamper protected using a mechanical plunger switch.

Specifications:

Enclosure Dimensions: 12.5"H X 9.38"WX3.84"D

Board Dimensions: 7.75"HX6.24"WX1.5"D

Power Supply: 16.5 VAC, 3.3 amps in

Device Power Supply: 12 VDC 1.5 amps out

Power Consumption: 150 mA, (no load)

Power Consumption: 2 amps (fully loaded)

Battery: 12 VDC, 7AH

Ambient Temperature: 0-60 °C/32 to 140° F

Relative Humidity: 10% - 90% (non-condensing) Serial Printer Output for Standard Printer

Certifications and Approvals:

NIST CERTIFIED Data Encryption Standard (DES)

DIAM 50-3 APPROVED

DCID 1-21 APPROVED

ARMY REG. 381-14 APPROVED

NFPA-72 Compliant

Options:

4096 transaction NON-VOLATILE storage buffer interface (-IXM5-2)

Local printer (PTR5) interface (-P)

RS485 interface in lieu of built in BELL 103 modem (-RS485)

Remote Arm/Disarm Keypad LED display (ASKP)

Remote Arm/Disarm Keypad LCD display (ASKP5)

PO20 (20) Form C relay output board

FCC Certified modem version in lieu of BELL 103 modem (-FCC)

SBP24 extended battery pack

SMS5 Card Access Interface