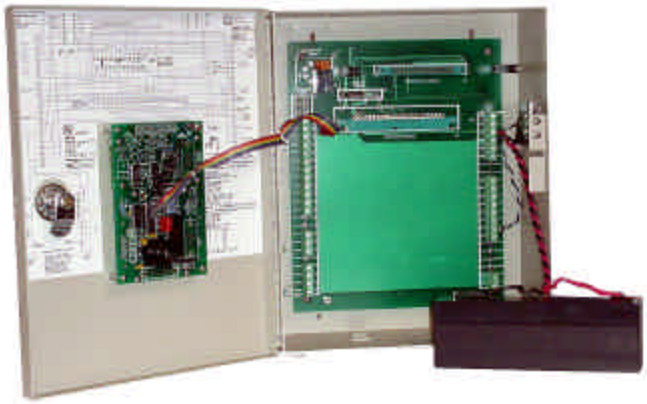
Premise Control Unit
(Basic) Model: CU5-11

April 2002

Product Description

The Module CU5-11 Basic Premise Control Unit *(Class 'A' only)* provides a physical enclosure/interface for devices used in securing a specific area. The CU5-11 interfaces various detection devices in the secured area to a monitoring facility which is located away from the secured area. The detection devices consists of electrically 'closed' switch or relay dry contacts which 'open interfaced to the monitoring facility *(i.e., Desplex MP5 series monitoring/supervisory panel)* via a termination module *(i.e., Desplex Series TM5 transmission module)* installed in the CU5-11 enclosures. The detection devices are typically the relay contacts in protecting an access point into the secured area or the relay contacts from the output of a detection module used for detecting some other type of alarm condition *(i.e., volumetric)*.

The basic CU5-11 consists of a metal enclosure, housing a motherboard and appropriate support hardware.



CU5-11
Basic Premise Control Unit

Product Features

- Sturdy structural support consisting of a 16 gauge steel enclosure.
- Standardized printed circuit motherboard used for all control unit/ transmission module/detector module configurations. The interface to all 'outside world' connections is via screw type barrier strips.
- Reconfiguration plug-in jumpers allow easily implemented changes to the system configuration and configruation with a wide variety of detection modules.
- Accommodates *(plug compatiblity)* industry standard transmission modules and meets DIAM 50-3, DCID 1-21 and US Army Reg. 381-14.
- Configurability for separate tamper and alarm loops for use with Desplex series transmission modules.
- CU5-s may be cascaded in various ways to effect master/slave type configurations.
- Compatibility with both Class 'A' and 'B' security configurations.
- Provision for a remote test relay controlled by the transmission module *(i.e., Desplex TM5)*. The relay is standard Class 'A' applications and optional or Class 'B' applications.
- Mode switch to allow the secured area to be placed in either an Access or Secure mode.
- Keypad mode switch option for Class 'A' configurations.
- A high reliability Tamper switch to be fed to the transmission module so as to detect a CU5-11 enclosure security compromise.
- A round key type lock is utilized to secure the CU5-11 enclosure door.
- Provisions for a standby battery for use with the termination module for backup power during a primary AC power failure.

Optional

- 24-hour backup battery (BT-24).
- SCIF Thermal Printer (PTR5).

Product Specifications

Height	=	12.35 inches
Width	=	9.38 inches
Depth	=	3.84 inches
Weight	=	12.00 pounds

Electrical = Dependent on configuration. Can accommodate 18/24 VAC input to devices and 0 - 36 VDC @ 3 A output from devices.

Operational Environment = 0 - 50 Degrees Celsius
10 - 90% R.H. *(non-condensing)*

Standby Capability = 12 - 24 Hours, dependent on termination module/detection module configuration/loading.

ORDERING INFORMATION: P/N 425824-0001

Digitize, Inc.
158 Edison Road, Lake Hopatcong, NJ 07849
Phone: 973-663-1011 • Fax: 973-663-4333
Email: info@digitize-inc.com • Website: www.digitize-inc.com

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