

ADDENDUM TO INSTALLATION INSTRUCTIONS

Subject: Interfacing the DCX Systems STU-2Z⁽¹⁾ to the Control Panel

Models: MA1008eM, MA1016eM, MA1016LKDLM, MA3000; SS4509M, SS4516M, S5500

This addendum is to identify the different applications and installation requirements of the DCX Systems STU-2Z when used with the above control panels. The STU-2Z may only be used in conjunction with telephone systems that support the DCX Systems Derived-Channel Multiplex (DCX) Network.

The STU-2Z is cross listed with these control panels as an accessory for Grade AA Central Station Burglar Alarm. For UL Grade AA, the following conditions must be met:

- The control must be installed and programmed to meet Grade-A burglary alarm system requirements.
- The control must be programmed for reporting all alarm conditions through the integral DACT to the same central station that monitors the STU-2Z.
- The STU-2Z must be mounted in the control housing and connected as per the Wiring Diagram (see reverse).
- Once installed, the central station must enable 2-minute off-hook polling.

Reporting

(For Commercial Burglar-Alarm Applications.) An STU-2Z zone shall be used for reporting by meeting the following requirements.

*MA1008eM, MA1016eM and MA1016LKDLM; SS4509M
SS4516M:*

1. Program the *UNTIMED OUTPUT (NTO LUG E15)* for all alarm conditions that are required to report alarm on Zone 1 of the STU-2Z.
2. Using the WL1 wire assembly, connect the control's NTO Lug to Terminal 1 of the STU-2Z.

MA3000 & S5500:

- Program the Aux. Relay⁽²⁾, CF5530 Aux. 1 Relay or Aux. 2 Relay, or any RB3008 Remote Relay for all alarm conditions that are required to report alarm on Zone 1 of the STU-2Z.
- Program the Aux. Relay⁽²⁾, CF5530 Aux. 1 Relay or Aux.

2 Relay, or any RB3008 Remote Relay for all alarm conditions that are required to report trouble on Zone 2 of the STU-2Z.

- Wire the normally-open terminals of the relay programmed to activate Zone 1 of the STU-2Z to Terminal 1 of the STU-2Z.
- Wire the common terminals of the relay programmed to activate Zone 1 of the STU-2Z to Terminal 2 of the STU-2Z.
- Wire the normally-open terminals of the relay programmed to activate Zone 2 of the STU-2Z to Terminal 2 of the STU-2Z.
- Wire the common terminals of the relay programmed to activate Zone 2 of the STU-2Z to Terminal 3 of the STU-2Z.

When the MA3000 or S5500 is used as a Central Station Alarm Commercial-Fire System with one telephone line in conjunction with the DCX Systems STU-2Z, the following conditions must be met:

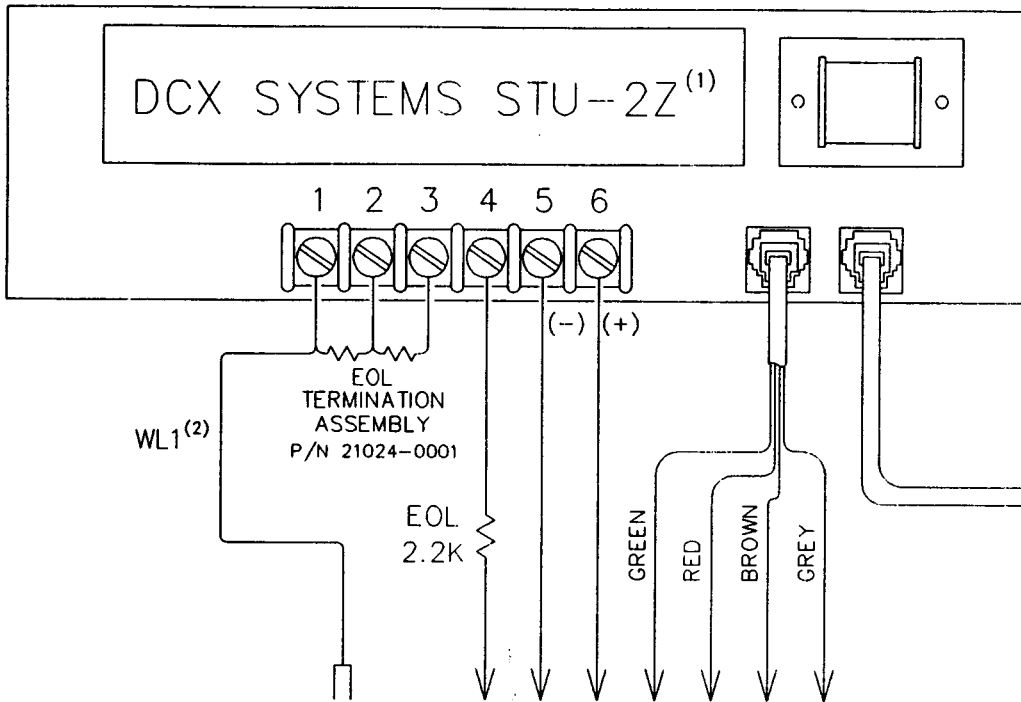
- The control must be installed and programmed to meet commercial-fire (reporting) system requirements.
- The control must be programmed for reporting all alarm/trouble conditions to the same central station that monitors the STU-2Z.
- The STU-2Z must be mounted inside the housing and connected as per the Wiring Diagram.
- Once installed, the central station must enable 2-minute off-hook polling.

Installing the STU-2Z into the Control Housing

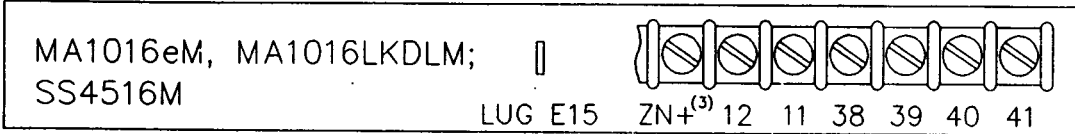
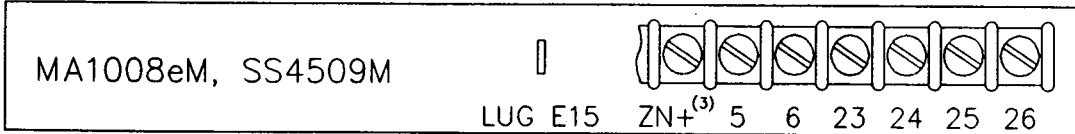
The STU-2Z PC Board Assembly is supplied with an attached metal mounting frame for installation inside the control housing. Wire the STU-2Z power wires and telco cables to the panel terminals and RJ31X as shown in the Wiring Diagram on page 2.

(1) Formerly VerSuS® STU-2Z.

(2) Cut Jumper "A" for dry normally-open contacts.



WIRING DIAGRAM



- NOTES:
1. FORMERLY VERSUS STU-2Z.
 2. FOR STU-2Z ALARM REPORTING (ALL MODELS EXCEPT MA3000 & S5500), CONNECT TO NTO LUG (E15). PROGRAM NTO FOR ALL ALARM CONDITIONS. FOR MA3000 & S5500, SEE TEXT.
 3. POSITIVE TERMINAL OF ZONE DEDICATED TO STU-2Z STATUS.