

VSYNC

STROBE SYNCHRONIZATION MODULE

SAFETY MESSAGE

People's lives depend on your safe installation, test, operation, and maintenance of our products. Read, understand, and follow all safety messages. Refer to "Safety Messages for Equipment Used in Fire-Protective Signaling Systems" and any other documentation shipped with equipment before performing any system related duty.

I. GENERAL.

The Model VSYNC is a visual signaling accessory that will synchronize a circuit of Model V1971 strobes (see Installation Instructions #2561090). It is Underwriters Laboratories listed for "Signaling Appliances and Equipment for the Hearing Impaired" (guide category UUKC).

General Ratings

Max current per circuit:	3A continuous, 5A peak
Maximum strobes (Model V1971):	22 per VSYNC
Minimum strobes (Model V1971):	1 per VSYNC
(maximum wire impedance between strobe appliances is 8 ohms to sustain synchronization)	

Power Input (mA)

	Filtered DC	Full Wave Rectified
16V	17	28
24V	18	29
33V	19	30

II. INSTALLATION.

A. Mounting

The VSYNC mounts in a standard 4" square or a double-gang box.

1. Install 4" square or double-gang backbox on wall or in wall flush to surface.
2. Pull appropriate wiring through knockouts in electrical box (see Figure 1, Detail A).
3. Mount VSYNC in backbox with #8-32 screws provided (Figure 1, Detail B).

B. Electrical Connections.

1. Attach wires to proper terminals as required for circuit type (Figures 2 and 3).
2. Attach cover plate to VSYNC with #6-32 screws provided (Figure 1, Detail C) after testing operation.

III. SYSTEM TEST.

- A. After completion of installation, test the system to verify that each VSYNC module and attached strobes operate satisfactorily.
- B. After completion of initial system test, a program for periodic testing of this device should be established. Refer to NFPA 72, local fire codes, and the authority having jurisdiction for this information.

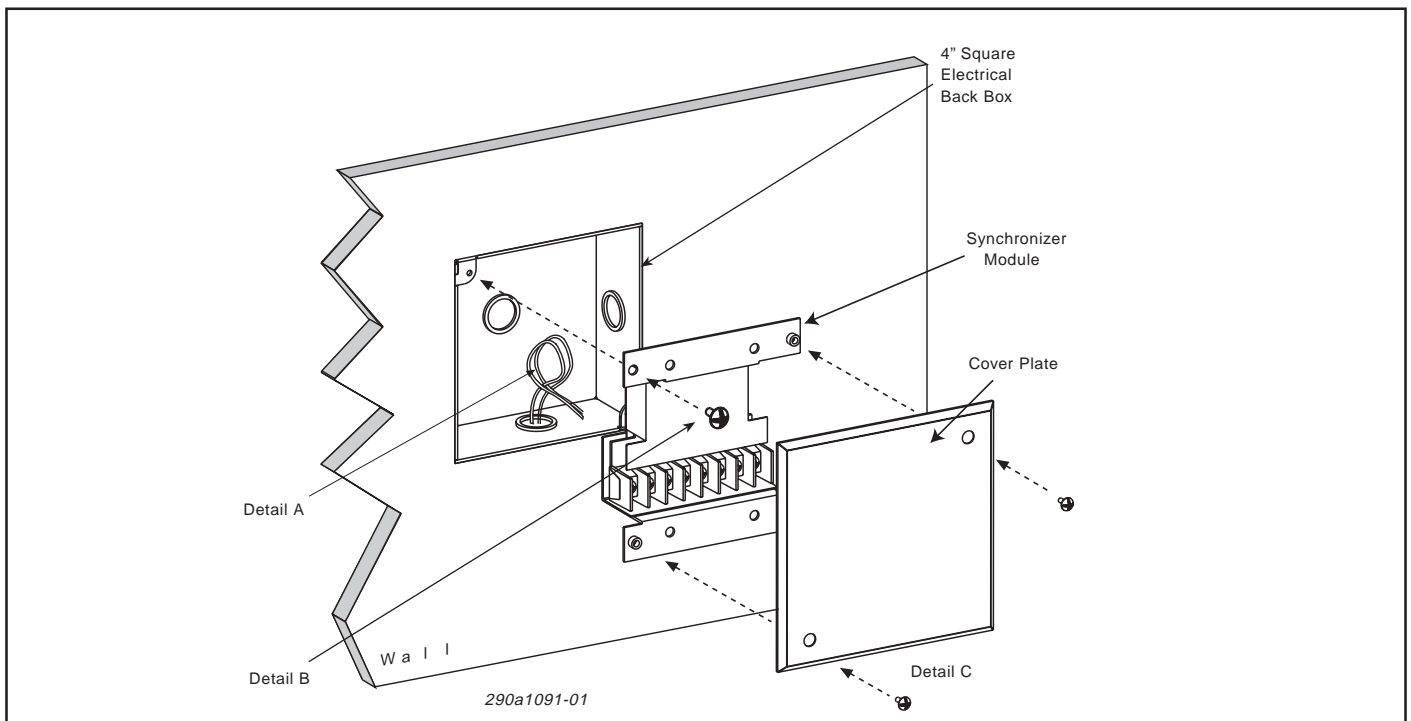


Figure 1. VSYNC Installation.

C. Provide a copy of these instructions for the Safety Engineer(s), System Operator(s), and maintenance personnel.

If any unit is returned to factory for repair, it can be accepted only if we are notified by mail or phone in advance of its arrival. Such notice should clearly indicate service requested and give all pertinent information regarding nature of problem and, if possible, its cause.

IV. MAINTENANCE.

Testing should be periodically performed. Refer to NFPA 72, local fire codes and the authority having jurisdiction.

Communications and shipments should be addressed to:

V. SERVICE.

The factory will service your equipment or provide technical assistance with any problem that cannot be handled locally with satisfaction or promptness.

Technical Service Department
 Commercial Products Group
 2519 - 4th Avenue
 Moline, IL 61265
 800.521.8219 • FAX 800.225.4109

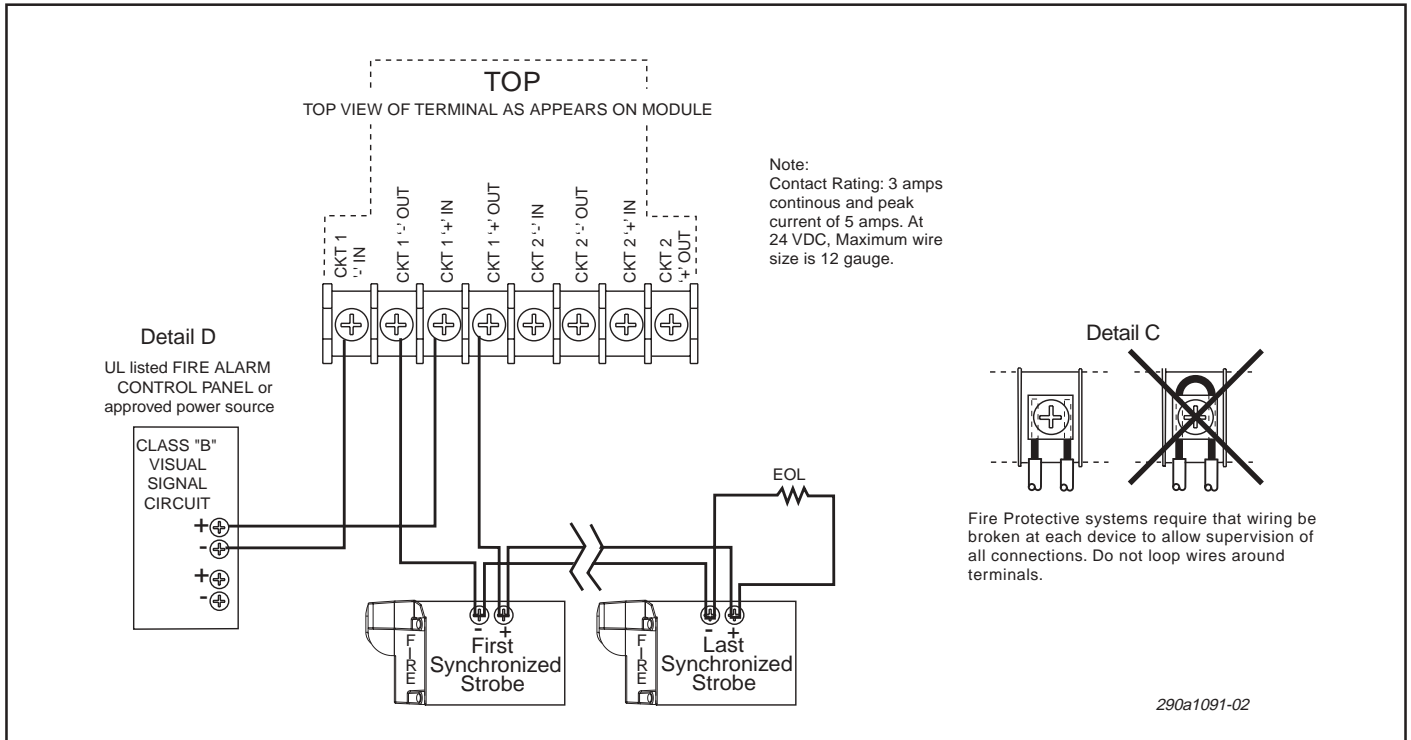


Figure 2. VSYNC with Style Y (Class B) Circuit.

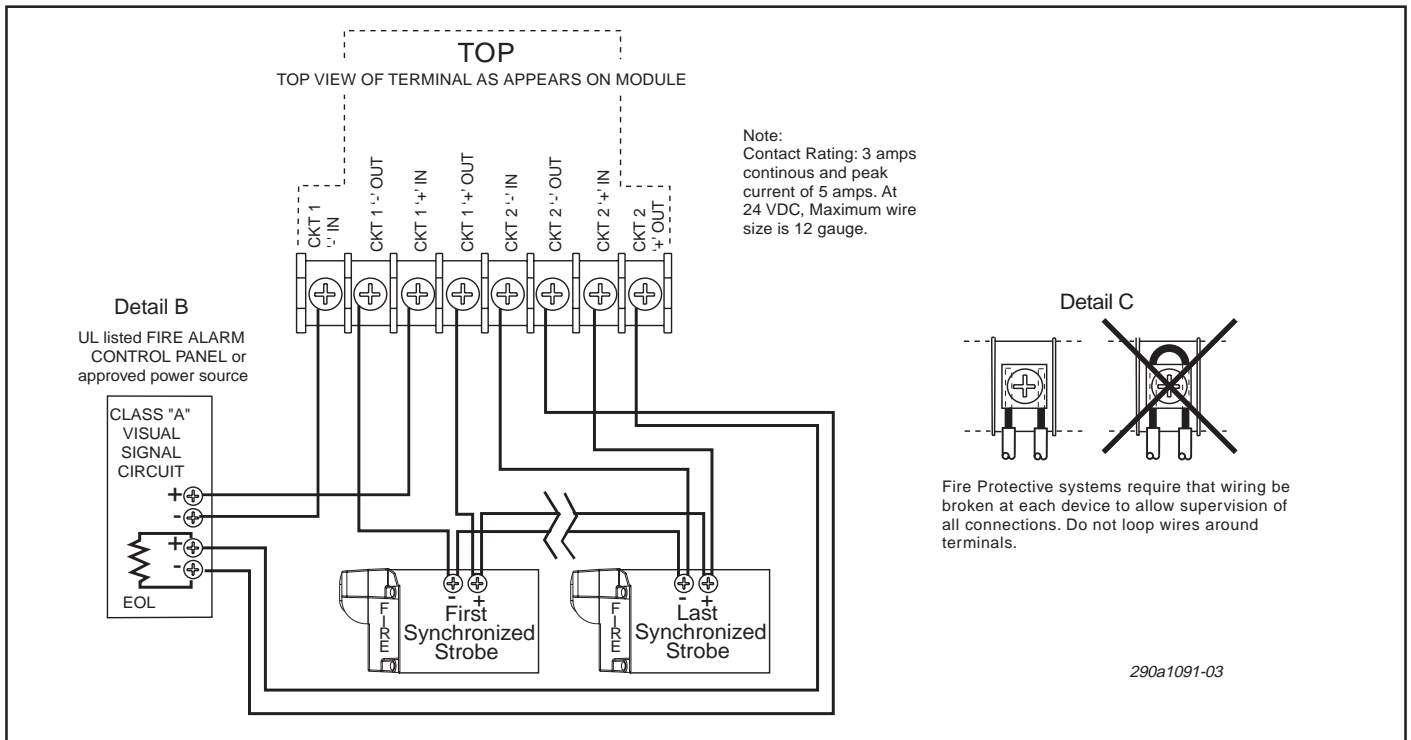


Figure 3. VSYNC with Style Z (Class A) Circuit.