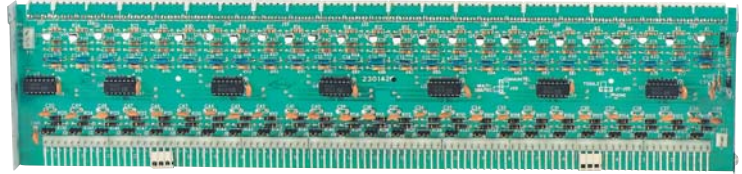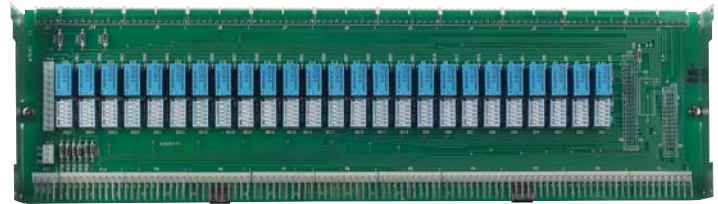# Call-In & Time Zone Modules

SCR25A

Models SCR25A & TZMA

TZMA

Description

SCR25A

The Bogen Model SCR25A Call-In Module is an annunciator latching control bank designed for use with room selector panels in Bogen Multi-Graphic® systems. The SCR25A provides 25 silicon controlled rectifiers (SCR) and permits the use of momentary switches without SCRs.

The silicon controlled rectifiers provide annunciator latching, keeping the appropriate LED annunciator lamp on the room selector panel illuminated until the call is acknowledged.

TZMA

The Bogen Model TZMA Time Zone Module is designed for use with room selector panels in Bogen Multi-Graphic systems. The module allows each circuit of the room selector panel to be programmed to any of six zones for time signaling.

Each module provides 25 six-position DIP switches for zone programming, as well as ultra-reliable relays designed for over 1,000,000 trouble-free operations.

Features

SCR25A

- Provides annunciator latching control
- Simple plug-in method
- 25 annunciator circuit capacity
- Operating mode set with jumpers
- Termination via centerline pins (use Bogen 25-Series Connector Kit)
- Support brackets included

TZMA

- Provides up to six zones of time signalling
- Simple plug-in method
- 25 circuit capacity
- Ultra-reliable relays sealed against contamination and capable of handling 10 watts of audio power
- Termination via centerline pins (use Bogen 25-Series Connector Kit)
- Support brackets included

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SCR25A	Used with Bogen SBA225 and SBA325 Room Selector Panels in Multi-Graphic systems
Function:	Provides silicon controlled rectifiers allowing use of momentary switches for call origination
SCR Quantity:	25
Termination:	Centerline pins (Bogen 25-Series Connector Kit recommended)
Dimensions:	16-$\frac{3}{4}$" W x $\frac{3}{4}$" H x 3-$\frac{1}{2}$" D
Weight:	8 oz.

TZMA	Used with Bogen SBA225 and SBA325 Room Selector Panels in Multi-Graphic systems
Function:	Provides up to six zones of time signaling
Relays:	25 DPDT; sealed construction
Termination:	Centerline pins (Bogen 25-Series Connector Kit recommended)
Dimensions:	16-$\frac{3}{4}$" W x 1-$\frac{1}{8}$" H x 4-$\frac{7}{8}$" D
Weight:	15 oz.
Accessory Equipment Required:	Bogen PRS312 Power Supply, TG4C Tone Generator Module, Bogen booster amplifier

Architect & Engineer Specifications

SCR25A

The call-in module shall be a Bogen Model SCR25A, or approved equivalent, and shall operate with room selector panels in Bogen Multi-Graphic systems. The module shall provide annunciator latching capacity for up to 25 circuits.

The module shall provide 25 silicon controlled rectifiers and shall permit the use of momentary switches without SCRs for call-in to a central console.

Connection to the room selector panel shall be via simple plug-in method. Support brackets shall be supplied. Termination shall be via centerline pins. The module shall measure 16-$\frac{3}{4}$" W x $\frac{3}{4}$" H x 3-$\frac{1}{2}$" D, and shall weigh 8 ounces.

TZMA

The Time Zone Module shall be a Bogen Model TZMA, or approved equivalent, and shall operate with room selector panels in Bogen Multi-Graphic systems. The unit shall provide six (6) zones of time signaling. Assignment of any circuit to any zone shall be via DIP switches located on the module.

Relays shall be ultra-reliable and designed to provide over 1,000,000 operations. Each relay shall be sealed to be impervious to failure caused by contact contamination.

The module shall draw power for operation from the Bogen Model PRS312 Power Supply. Tones shall be generated by the Bogen Model TG4C Tone Generator Module. Tones shall be distributed to zones via a Bogen booster amplifier.

The module shall connect to the room selector panel with a simple plug-in method. Support brackets shall be supplied. Termination shall be via centerline pins. The module shall measure 16-$\frac{3}{4}$" W x 1-$\frac{1}{8}$" H x 4-$\frac{7}{8}$" D, and shall weigh 15 ounces.

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