

DESCRIPTION

The Supplementary Notification Appliance Circuit Panel (SNAC-4) provides four, (4), 24 VDC Class A, Style Z or Class B, Style Y notification appliance circuits at 1.5 amperes each, or two circuits at 3 amperes each, with a total capacity of 6 amperes per panel. These circuits may be activated in groups of two or four by connection to normally open dry contacts or existing Class A or Class B notification appliance circuits with operating voltages ranging from 12 to 32 VDC. . Either non-coded operation, coded operation, temporal pattern or a combination is possible.

The SNAC-4 operates from 120/240 VAC input and contains its own battery charger, capable of maintaining a set of 7 A/H batteries. It is supervised for ground fault, overcurrent, open circuits and low battery conditions.

The regulated power supply allows the SNAC-4 to be compatible with any Listed, nominal 24 VDC notification appliances.

Ground fault, battery and circuit trouble conditions in the SNAC-4 automatically open the notification appliance circuit used to activate the SNAC-4, transmitting a trouble signal to the main fire alarm control panel. The ground fault detection circuit may be disabled.

The unit contains a set of dry, jumper programmable (N/O or N/C) trouble actuated contacts, rated 1 amp. @ 24 VDC (resistive). Transfer of these contacts for AC power failure is delayed for a period of ten (10) hours. This delay feature may be disabled.

A power limited, non-resettable auxiliary power output of 1.75 amps is available if the panel is arranged via jumper to disconnect itself from the batteries during AC power failure. An output of 0.150 amp. is available when the SNAC-4 is connected to a control panel requiring 24 hr. standby. The current is reduced to .050 amp. when 60 hour standby is required.

APPROVALS

UL	S1949
Factory Mutual	3001096
NYC	MEA 239-98-E
CSFM	7300-0694:191



FEATURES

- **Switching Technology Power Supply**
- **UL Listed as a Fire Alarm Accessory for Use With any FCI or other UL Listed Fire Alarm Control**
- **Four (4) Class A (Style Z) or Class B (Style Y) Notification Appliance Circuits**
- **High Current Output (1.75 Amp.)**
- **Compact Construction**
- **Simple Installation**
- **Integral Ground Fault Detection**
- **Programmable Trouble Contacts (N/O or N/C) with Optional Delayed AC Failure Indication**
- **Compatible With any Listed 24 VDC Notification Appliances**

TECHNICAL INFORMATION

Operating power	120 VAC, 3 amp., or 240 VAC, 2 amp., 50/60 Hz, (Jumper selectable)
Standby battery circuit	24 VDC (nominal) 7 ampere/hours, max.
Supervisory current	0.060 amp. to 0.235 amp.
Alarm current	0.120 amp. (excluding notification appliances)
Alarm output	6.0 amp. max. @ 24 VDC
Dimensions	14" H x 14" W x 3 1/2" D (35.56 x 35.56 x 8.89 cm)
Operating temperature	32° to 120° F (0° to 49° C)
Relative humidity	85% (non-condensing)