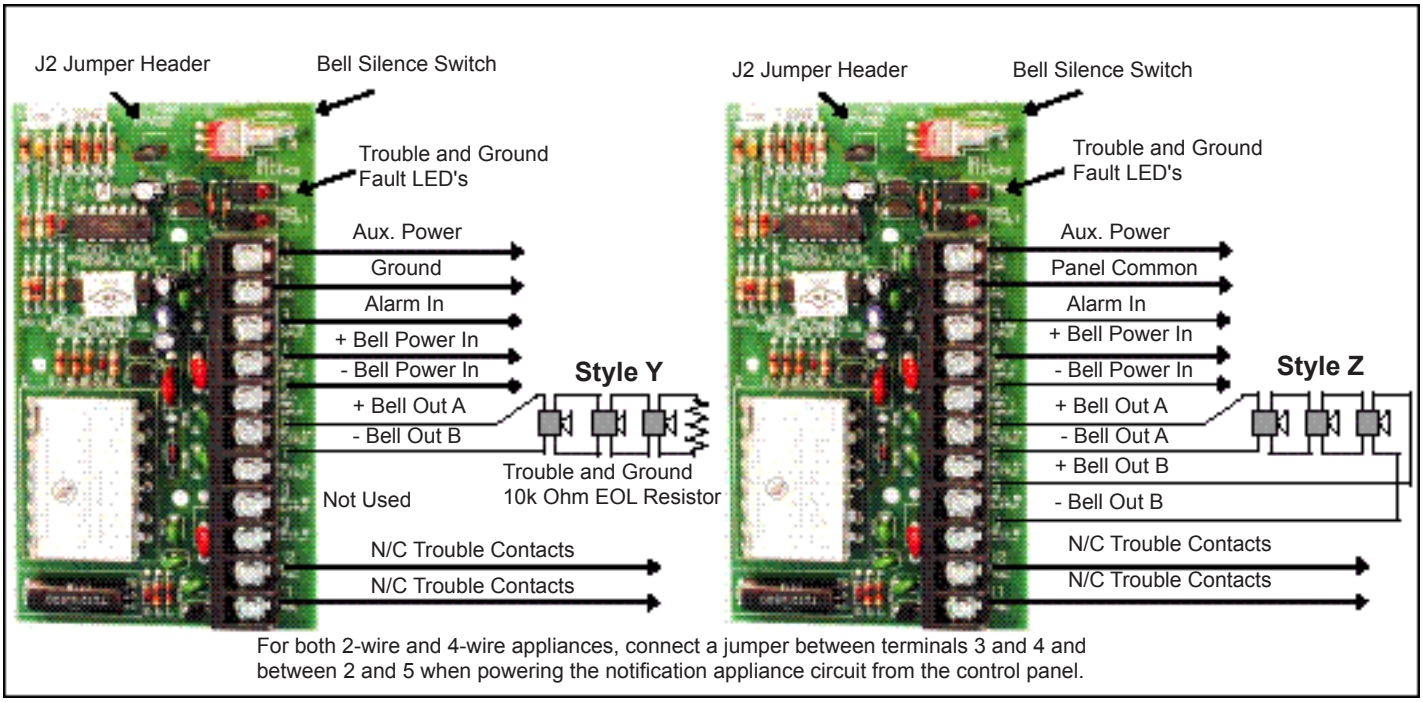
SNM
SUPERVISED NOTIFICATION MODULE

Figure 1: Connecting 2-Wire and 4-Wire Notification Circuits



Description

The SNM provides Style Y or Z supervision for ground faults, opens, and shorts on notification appliance circuits connected to fire alarm control panels. The SNM is suitable for use with 2 or 4-wire circuits, and provides one Trouble and one Ground Fault LED and a set of Normally Closed trouble contacts to indicate off normal conditions. The SNM also provides a Bell Silence switch for use during testing or service.

You can connect a maximum 5 Amp, 12 or 24 VDC UL listed auxiliary power supply to the module to support alarm power requirements beyond the panel's alarm output capacity.

Installing the SNM Module

You can install the SNM module in any of the panel enclosure's 3-hole mounting locations using the plastic standoffs provided. To install the module into the enclosure, follow the steps below:

1. Mount the plastic standoffs to the enclosure using the three included Phillips head screws.
2. Insert the screws from the outside of the enclosure through the holes and into the plastic standoff which mounts on the inside of the enclosure and tighten.
3. After the standoffs have been secured onto the enclosure, snap the module onto the standoffs.

Wiring

Refer to Figure 1 to properly connect 2-wire and 4-wire notification circuits to the Supervised Notification Module.

Specifications

Operating Voltage	
Terminal 1:	9.6 to 14.2 VDC
Operating Current	
Terminal 1:	26mA Idle and 85mA Alarm
Terminal 3:	33mA max
Maximum Alarm Current	
Terminal 4:	5 Amps at up to 30 VDC when using appropriate UL listed power supply.
Bell Silence Switch	
NORMAL:	For normal operation.
BELL SILENCE:	For testing or service use.
Trouble LED	Lights during an open, short, or short-to-ground on the indicating circuit.
Ground Fault LED	Lights during a short-to-ground on the indicating circuit.
J2 Jumper	
ON:	For no alarm output with a ground fault condition (Style W and X).
OFF:	For uninterrupted alarm output with a ground fault condition (Style Y and Z).
Circuit Styles	One 2-wire Style W or Y indicating circuit, or One 4-wire Style X or Z indicating circuit.

Installing The J2 Jumper

Installing the J2 jumper provides for Style W (2-wire) and Style X (4-wire) circuits. The J2 jumper also disables the alarm bell output in the event of a ground fault on either side of the notification circuit. Do not install the J2 jumper for Style Y or Z circuits.

Wiring Multiple Notification Circuit Modules

Refer to the wiring diagram below to properly wire multiple Notification Circuit Modules.

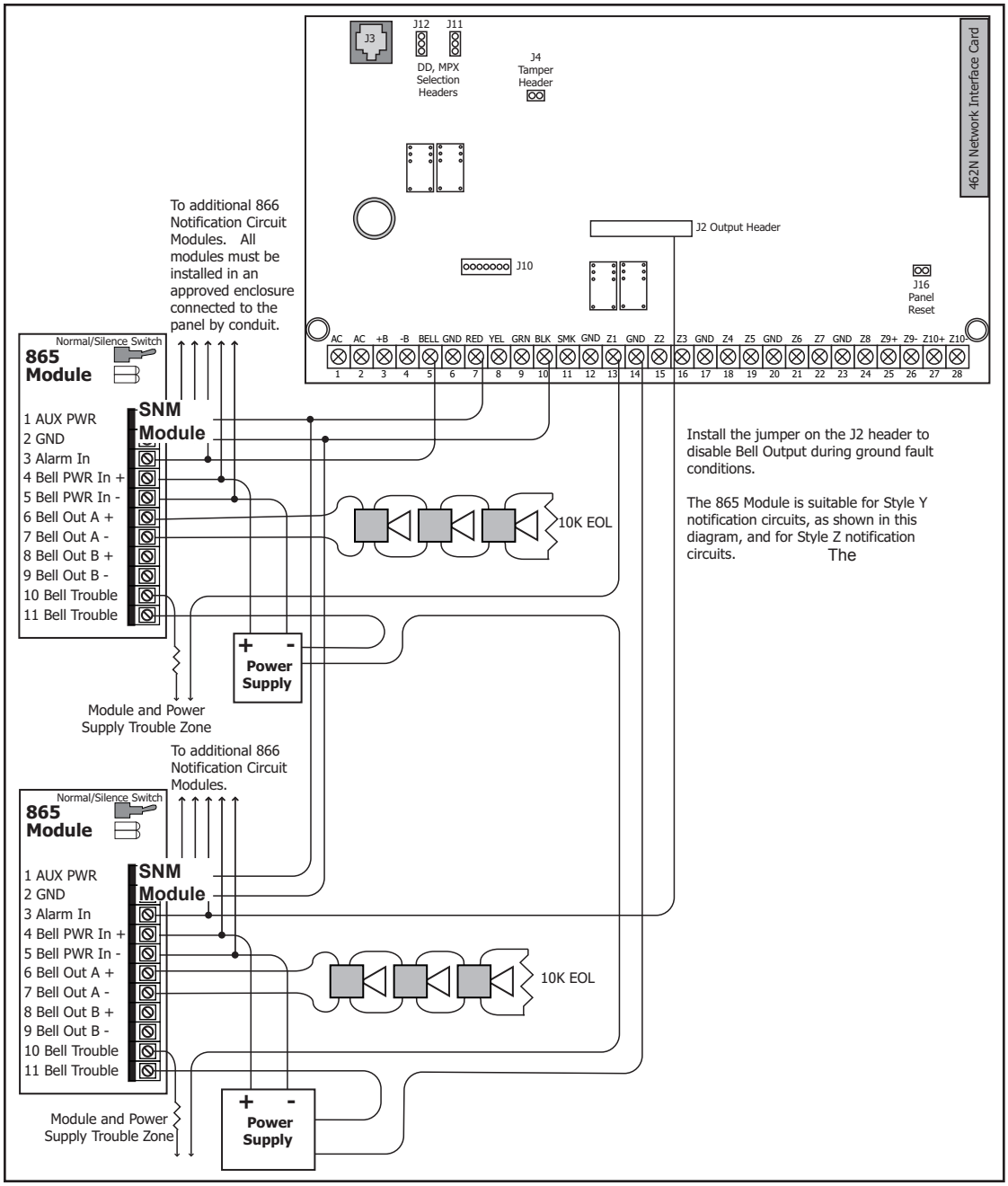



Figure 2: Connecting Multiple Modules