



## Supervised Notification Module for Fire Alarm Panels



### Description

The 865 module provides supervision for ground faults, opens, and shorts on notification appliance circuits connected to fire alarm control panels. The 865 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 865 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.

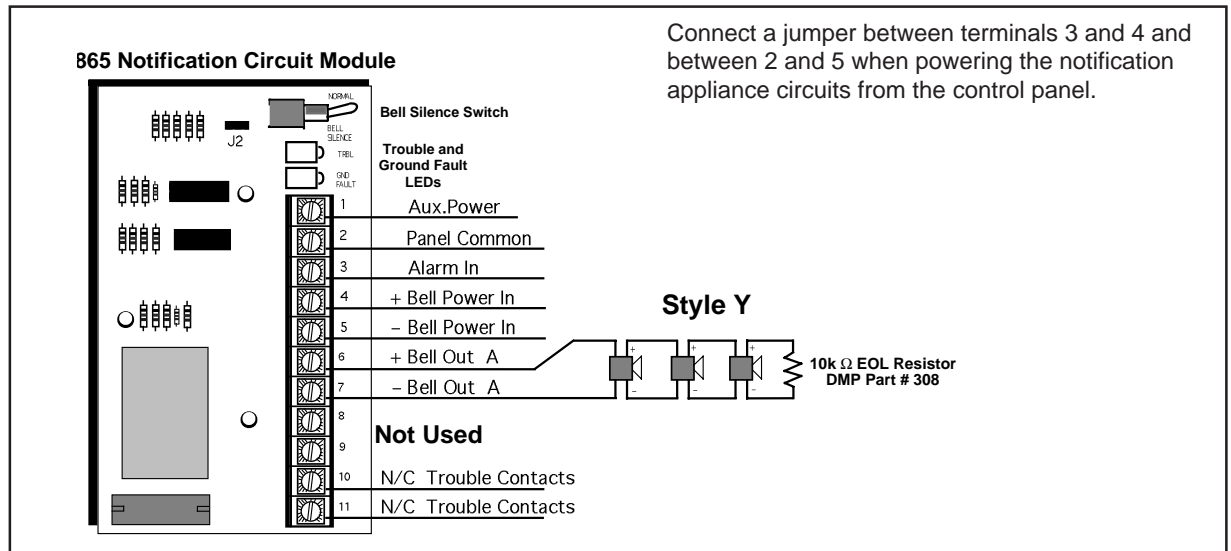


Figure 1: Connecting 2-wire notification circuits

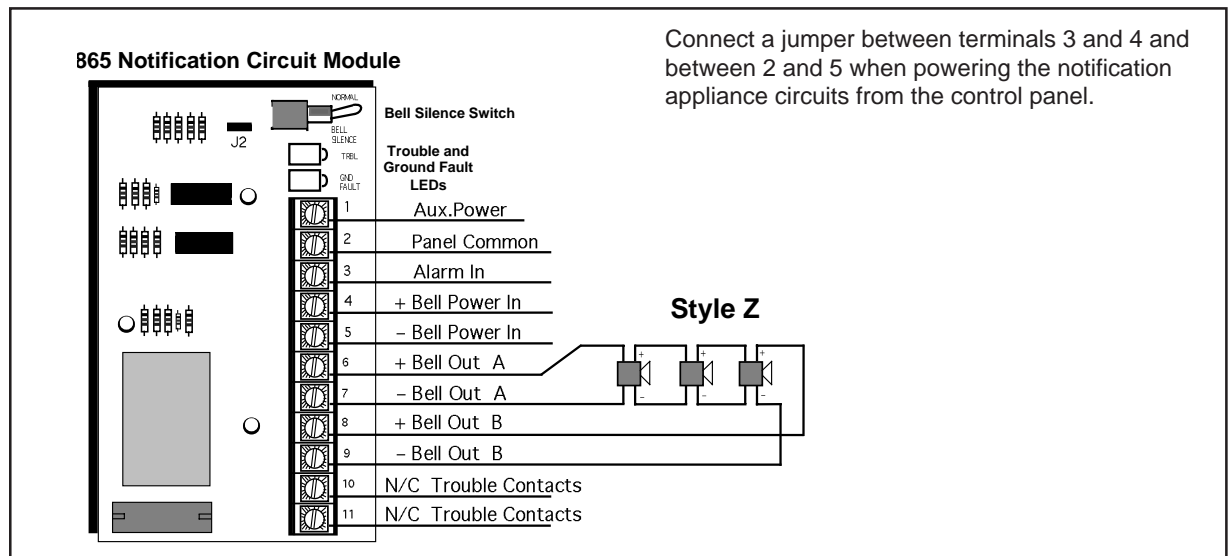
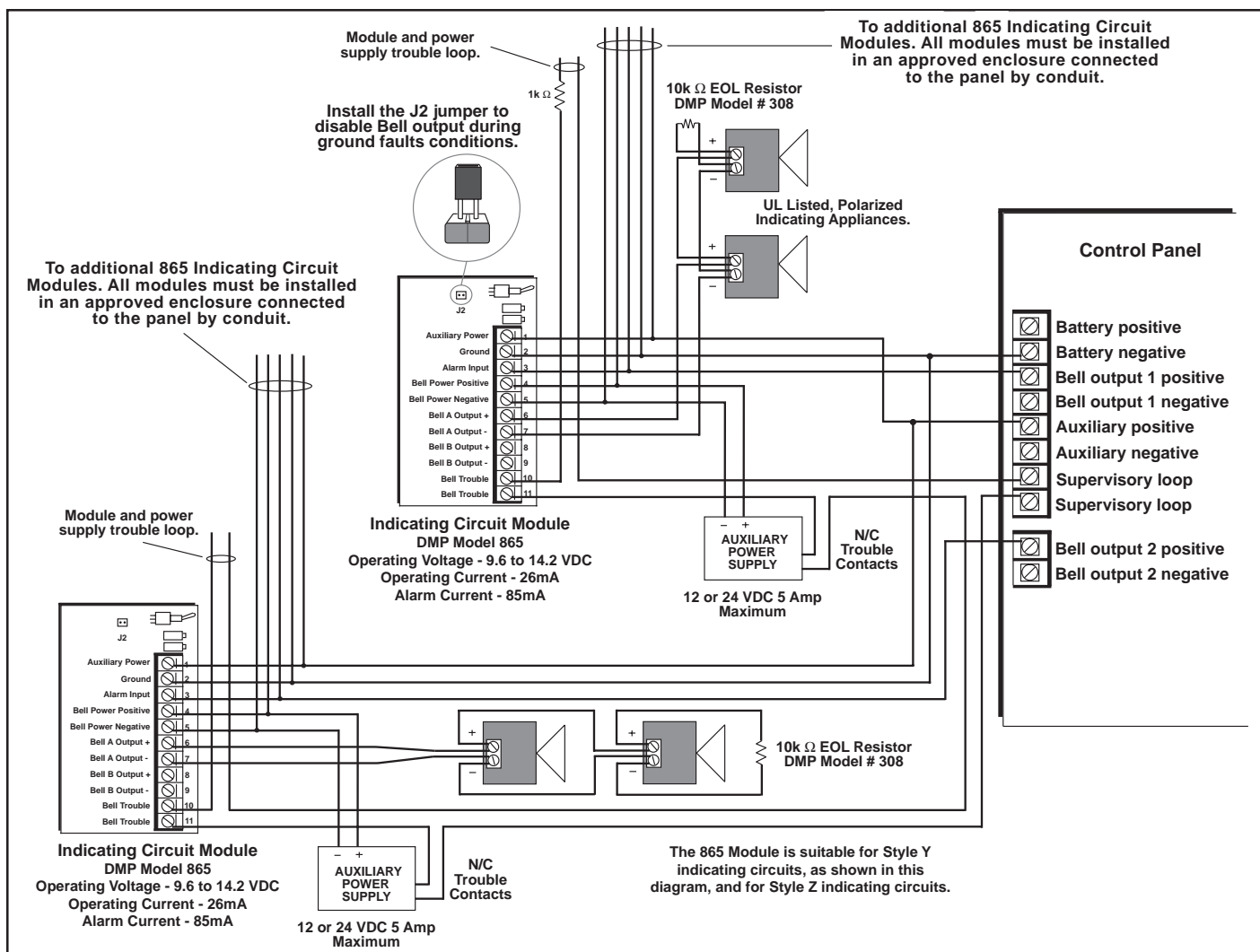


Figure 2: Connecting 4-wire notification circuits



**Figure 3: Connecting multiple modules using two alarm outputs**

## Installing the J2 jumper

Installing the J2 jumper provides for Style W (2-wire) and X (4-wire) circuits and 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.

## Specifications

Operating Voltage	Terminal 1 - 9.6 to 14.2 VDC
Operating Current	Terminal 1 - 26mA Idle or 85mA Alarm Terminal 3 - 3mA maximum
Maximum Alarm Current	Terminal 4 - 5 Amps at up to 30 VDC when using an appropriate UL listed power supply
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)
Bell Silence Switch	NORMAL - For normal operating conditions BELL SILENCE - For testing or service use only
Circuit Styles	One 2-wire Style W or Y indicating circuit or, One 4-wire Style X or Z indicating circuit

## Digital Monitoring Products

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