

865 Style W/X Notification Module

Description

The 865 module provides Style W or X 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.

Connect a maximum 5 Amp, 12 or 24 VDC regulated, power limited power supply listed for Fire Protective Signals to the module to support alarm power requirements beyond the panel alarm output capacity.

Installing the 865 Module

You can install the 865 module in any of the panel enclosure 3-hole mounting locations using the plastic standoffs provided. To install the 865 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 through the holes on the enclosure exterior side and into the plastic standoffs which mount on the enclosure inside. Tighten the screws into place.
3. After securing the standoffs onto the enclosure, snap the 865 onto the standoffs.

Wiring

Refer to Figure 1 to properly connect 2-wire and 4-wire notification circuits to the 865 Notification Module. See the panel installation guide for the types and number of notification appliances allowed.

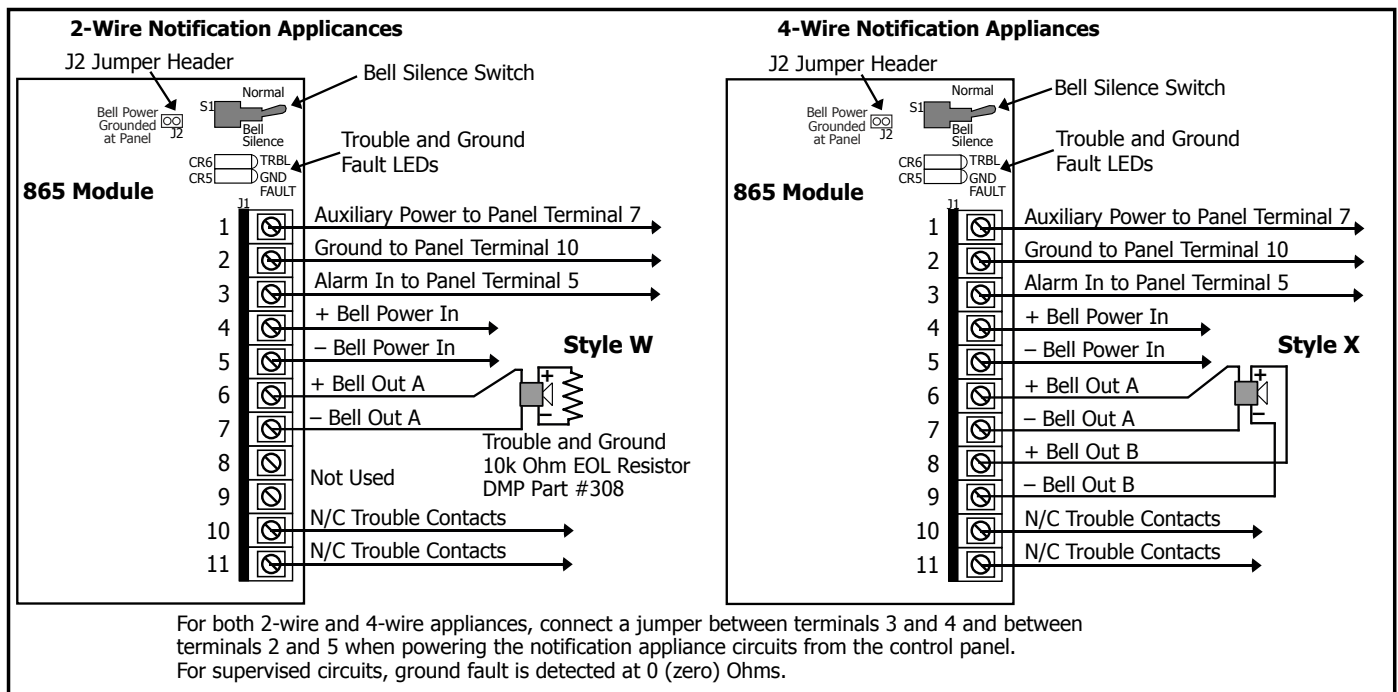


Figure 1: Connecting 2-Wire and 4-Wire Notification Circuits

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.

Trouble Contacts

The trouble contacts are connected to a zone on the panel to indicate NAC trouble or ground faults. Please see the panel's Installation Guide for additional information. The common relay is rated 30 VDC, 1 amp, resistive.



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 with 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).

Circuit Styles

One 2-wire Style W indicating circuit, or One 4-wire Style X indicating circuit.

Panel Compatibility

XT Series panels

XR100/XR500 Series panels

XR150/XR350/XR550 Series panels

Certifications

California State Fire Marshal (CSFM)

New York City (FDNY COA #6167)

UL 1023 Household Burglar

UL 864 Fire Protective Signaling



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Springfield, Missouri 65803-8877