DMP 866 Style W Notification Module Installation Guide

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866 STYLE W NOTIFICATION MODULE

Installation Guide

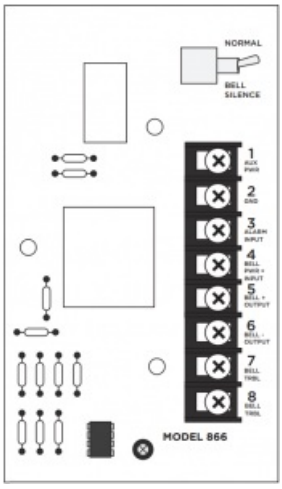

Figure 1: 866 Module

DESCRIPTION

The 866 Notification Module provides one 5 Amp Style W notification circuit for supervising listed, polarized notification devices such as bells, strobes, and horns.

Compatibility

- XT30/XT50 Series panels
- XR150/XR550 Series panels

What is Included?

- One 866 NAC Module
- One Model 308 10k Ohm Resistor with Leads
- Hardware Pack

1 MOUNT THE MODULE

The module can be mounted in a DMP enclosure using the standard 3-hole mounting pattern. Refer to Figure 2 as needed during installation.

1. Hold the plastic standoffs against the inside of the enclosure side wall.
2. Insert the included Phillips head screws from the outside of the enclosure into the standoffs. Tighten the screws.
3. Carefully snap the module onto the standoffs.

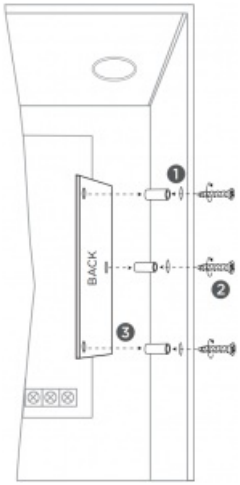

Figure 2: Standoff and Module Installation

2 WIRE THE MODULE

Caution: Disconnect all power from the panel before wiring the module. Failure to do so may result in equipment damage or personal injury.

For power connections, use 22 AWG or larger wire. Refer to Figure 3 when wiring the module.

1. Connect module Terminal 1 to panel Terminal 7.
2. Connect module Terminal 2 to panel Terminal 10.
3. Connect module Terminal 3 to panel Terminal 5.
4. Wire power supply positive to module Terminal 4.
5. Connect module Terminal 5 to bell output positive.
6. Connect module Terminal 6 to bell output negative.
7. Install the included 10k Ohm EOL resistor across module Terminals 5 and 6.
8. Wire module Terminals 7 and 8 to N/C trouble contacts.

ADDITIONAL INFORMATION

Wiring Specifications

DMP recommends using 18 or 22 AWG for all LX-Bus and Keypad Bus connections. The maximum wire distance between any module and the DMP Keypad Bus or LX-Bus circuit is 1,000 feet. To increase the wiring distance, install an auxiliary power supply, such as a DMP Model 505-12. Maximum voltage drop between a panel or auxiliary power supply and any device is 2.0 VDC. If the voltage at any device is less than the required level, add an auxiliary power supply at the end of the circuit.

To maintain auxiliary power integrity when using 22-gauge wire on Keypad Bus circuits, do not exceed 500 feet. When using 18-gauge wire, do not exceed 1,000 feet. Maximum distance for any bus circuit is 2,500 feet regardless of wire gauge. Each 2,500 foot bus circuit supports a maximum of 40 LX-Bus devices.

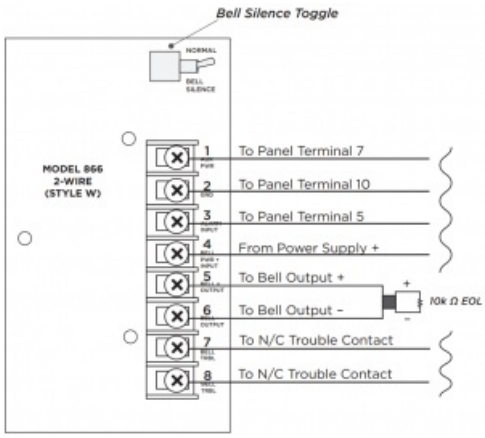

Figure 3: Style W Wiring Connections

For additional information refer to the LX-Bus/Keypad Bus Wiring Application Note (LT-2031) and the 710 Bus Splitter/Repeater Module Installation Guide (LT-0310).

Programming
Program the trouble contacts on the module and the auxiliary power supply as a Supervisory Zone (SV) selected for display in the keypad status list. Refer to the appropriate panel programming guide for more information.

Auxiliary Power Supply Supervision
The panel supervises the regulated, power limited auxiliary power supply listed for Fire Protective Signals through the normally closed trouble contacts on the power supply. The power supply trouble contacts connect to module Terminals 7 and 8 to the zone input from the panel. When the bell circuit is in a bad condition, these terminals provide an open condition to the zone. These trouble contacts are rated for up to 2 Amps at 30 VDC resistive. An open circuit causes an open condition to be reported to the panel. For wiring information, refer to Figure 3.

Bell Silence Toggle
A bell silence toggle prevents the indicating device from sounding during a system test. When the Bell Silence position is selected, a 15-second delay occurs before the module bell trouble contacts open. After testing, return the bell silence switch to the Normal position to return the module to normal operation.

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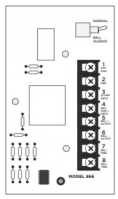

Specifications

Operating Current (from panel)

Standby:	45 mA
Alarm:	76 mA
Alarm Contact Rating	5 Amps @ 24 VDC resistive
Trouble Contact Rating	2 Amps @ 30 VDC resistive
Maximum impedance	100 Ohms

Ordering Information

866	Style W Notification Module

Accessories

308	10k Ohm Replacement Resistor

Compatibility
XT30/XT50 Series Panels
XR150/XR550 Series Panels

Certifications
California State Fire Marshal (CSFM)
New York City (FDNY COA #6167)
Underwriters Laboratory (UL) Listed

ANSI/UL 1023	Household Burglar Alarm System Units
ANSI/UL 985	Household Fire Warning
ANSI/UL 864	Fire Protective Signaling Systems

Designed, engineered, and manufactured in Springfield, MO using U.S. and global components.
LT-0059 1.02 20271

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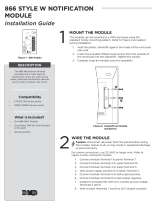
Documents / Resources

	DMP 866 Style W Notification Module [pdf] Installation Guide 866 Style W Notification Module

References

- DMP.com | Welcome to Digital Monitoring Products