865, 866, 867 Notification Modules

FEATURES

Notification Module Features

- Powered from panel or auxiliary power supply

- Suitable for use with 12 VDC or 24 VDC devices

- Supervised silence switch disables the bell output during service or maintenance

- Provide supervised Style W two-wire circuit for notification appliances

865 Features

- Provides one four-wire circuit or two two-wire circuits

- Provides Style Y, Z, W, or X notification circuit for the connection of appliances

- Provides one Trouble and one Ground Fault LED

866 Features

- Supervises UL listed, polarized notification devices

- Allows installation of multiple Style W notification devices

- Supervises auxiliary power supply

867 Features

- Provides Steady, Pulse, Temporal Code 3, and California Schools Code bell outputs

- Provides supervision for opens, shorts, and ground fault conditions on the bell circuit

- Onboard status LED indicates panel communication is good

- Onboard Power Supply Monitor LED indicates loss of power from an auxiliary power supply

- Easy rotary addressing; no difficult binary switches

- Ideal for mounting near notification devices

- Connects to the four-wire LX-Bus™ on XR150/XR550 panels

- Provide quality supervision for faults, such as grounds, shorts, and opens

- 12 or 24 VDC, UL listed devices

- Devices alert on-site personnel of fire and burglary alarms

- Silence switch can disable module bell output during service and maintenance

INSTALLING THE NOTIFICATION MODULES

You can install the notification modules in any of the panel enclosure three-hole mounting locations using the plastic standoffs provided.

NOTIFICATION APPLIANCES

The 865, 866, and 867 modules easily connect notification appliances, such as horns and strobes. By connecting the appliances in parallel, it is possible to connect several appliances to one module. Refer to the module installation sheet for more information.

AUXILIARY POWER SUPPLY

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

SILENCE SWITCH OPERATION

The silence switch on the notification modules allows technicians to test or perform maintenance on the DMP fire system without sounding the building's fire alarm notification devices.

POWER SUPPLY SUPERVISION

The panel can supervise the auxiliary power supply through the normally closed trouble contacts on the power supply that also connect to terminals 7 and 8 on the 866 and 867 modules. If the bell circuit is in bad condition, the modules indicate that to the panel.

865 DESCRIPTION

The 865 is suitable for use with two-or four-wire Style Y, Z, W, or X circuits. It provides one Trouble and one Ground Fault LED and a set of trouble contacts to indicate off normal conditions.

865 SELECTABLE CIRCUIT STYLES

By setting a jumper on the 865 module, you may use Style W (two-wire) or Style X (four-wire) notification circuits to connect appliances. You may also use Style Y (two-wire) or Style Z (four-wire) circuits. This flexibility allows the use of one module in a variety of applications.

866 DESCRIPTION

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

MULTIPLE 866 MODULES

You may install up to 25 Model 866 Style W Notification Modules on each XR500 Series panel by using the relay outputs available on the panel.

867 DESCRIPTION

The 867 connects to the panel LX-Bus and provides one supervised Style W circuit, and four LEDs to indicate circuit trouble and ground fault conditions.

867 ADDRESSING

The 867 has two pairs of rotary switches. One pair sets the module Bell Relay Address. The second pair sets the Supervisory zone address. Having a separate Bell Relay Address allows multiple modules to be activated in groups and yet monitored by individual Supervisory zones.

867 BELL RING STYLE

You can specify the bell output cadence on the 867 module by setting the Bell Ring Style jumper for Steady, Pulsed, Temporal Code 3, or California Schools. The 867 can then be activated by the Fire Bell output or by a panel Zone Alarm Output.

POWER SUPPLIES

502-12	Provides 2 Amps at 12 VDC
505-12/LX	Provides 5 Amps at 12 VDC
508	8 Amps at 12 or 24 VDC

PANEL COMPATIBILITY

865-XR Series
866-XR Series
867-XR Series

Specifications

865
Operating Voltage	9.6 to 14.2 VDC from panel
Current Draw	
Standby	26 mA,
Maximum	85 mA
Maximum Alarm	5 Amps at up to 30 VDC
Circuit Styles	One 2-wire Style W or Y or One 4-wire Style X or Z

866
Operating Voltage	12 VDC
Current Draw (from panel)	
Standby	45 mA,
Maximum	75 mA
Contact Ratings	
Alarm	5 Amps at 24 VDC resistive
Trouble	2 Amps at 30 VDC resistive

867
Operating Voltage	
LX-Bus	8.0 to 15.0 VDC
Bell Power	10.2 to 28 VDC
Operating Current	
LX-Bus	30 mA maximum
Bell Power	30 mA standby, 80 mA maximum
Alarm-Switching Current	5 Amps at 12 or 24 VDC
Module Dimensions	3" × 5"

Listings and Approvals
Underwriters Laboratories (UL) Listed
UL 864	Fire Protective Signaling
UL 985	Household Fire Warning
UL 1023	Household Burglary

FCC Part 15

For additional information, go to DMP.com/Compliance.