SNM800

MX Detection Range - Sounder Notification Module





Features

- // Addressable switched output with supervised output wiring
- // Optional supervision of external supply
- // LED indication of output operation
- // Common MX module footprint
- // Range of mounting enclosures



Description

The SNM800 *MX* Addressable Sounder Notification Module provides a switched output that may be used to power sounders, extinguishing devices or other auxiliary equipment from an external supply. The output is activated in response to a command from the Tyco *MX* Control and Indicating Equipment (CIE).

The wiring to the controlled devices can be supervised for open and short circuit fault conditions and the power supply for the devices can be optionally supervised.

When supervision is required, each output device (sounders, etc.) must have a suitable diode wired in series (if not already contained in the device) so that End of Line (EOL) resistor supervision can be used.

Mounting

The SNM800 is supplied as an open circuit board (PCB) with mounting hardware and EOL resistor and must be fitted in a suitable enclosure. It may be mounted on a gear plate using plastic standoffs, to an M520 Ancillary Cover and K2142 back box, or into a D800 Ancillary Housing. The K2142 mounting box provides a convenient surface mounting enclosure and the M520 Cover is designed to accommodate the SNM800.

Operation

The on-board LED illuminates when the output is activated. It can also be programmed to blink when the SNM800 is polled by the CIE.

Address Setting

The SNM800 is shipped with a default (invalid) address of 255 and must be set to the correct loop address using the 850EMT or *MX* Service Tool and programming lead.

Specifications

Loop Voltage¹
Quiescent Current
Operated Current (LED on)
External Supply²
Output Current² (maximum)
Output Current EOL
Max. SNM800 per Loop ³
Ambient Temperature
Storage Temperature
Relative Humidity
Indoor Applications Only
Dimensions (HWD)
Wire Size (maximum)
ActivFire Listed
FPANZ Listed

Part Numbers

SNM800 M520 517.035.010 557.201.401 20V to 40Vdc 450µA 3mA 18 to 28.7Vdc 2A 27k Ohm 0.5W 200/250 -25°C to +70°C -40°C to +80°C 10% to 95% (non cond.)

61 x 84 x 25 mm 2.5sq. mm afp-1446 VF/644

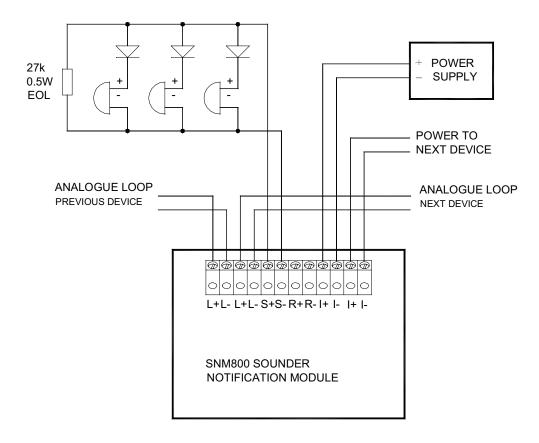
SNM800 PCB Ancillary Cover K2142 Back Box D800 Ancillary Housing

- 1. Addressable loop voltage provided by MX CIE.
- 2. Output current is for a resistiv load.
- 3. MX4428/MX1. Refer to appropriate manual: LT0273 (MXP), LT0360 (MX1-NZ), LT0441 (MX1-Au) for design specifications.



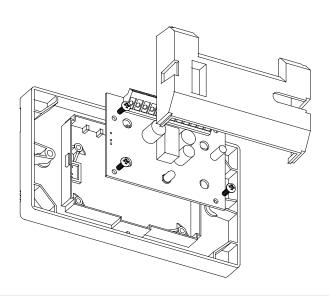
Wiring

The SNM800 load wiring must be electrically isolated from all other equipment (including other *MX* devices) when the SNM800 output is not operated. The R+ and R- terminals must be left unconnected.:



Mounting

SNM800 fitted to M520 Cover.



Australia

Tyco Fire Protection Products Level 3, 95 Coventry Street Southbank VIC 3006

Tel : 1300 725 688
Tel : +61 3 9313 9700

Email : tfppcustservice.au@tycofp.com

New Zealand

Tyco Fire Protection Products
17 Mary Muller Drive
Hillsborough PO Box 19-545
Woolston Christchurch 8241
Tel : +64 9 635 0760

Email : tsp.sales.nz@tycoint.com

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