

270 SERIES NETWORK TRANSIENT SUPPRESSION MODULE

Installation Guide

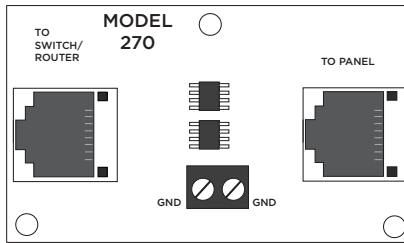


Figure 1: 270 Module

DESCRIPTION

The Model 270 protects panels by suppressing electrical surges on Ethernet connections.

The 270 Series Transient Suppression Module may be installed with XR150/XR550 Series or XR150INT/XR550INT Series control panels.

Compatibility

- XR150/XR550 Series panels
- XR150INT/XR550INT Series panels (Model 270INT)

What is Included?

- One 270 Transient Suppression Module
- One Model 357-2 Cat 5 Cable
- 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.

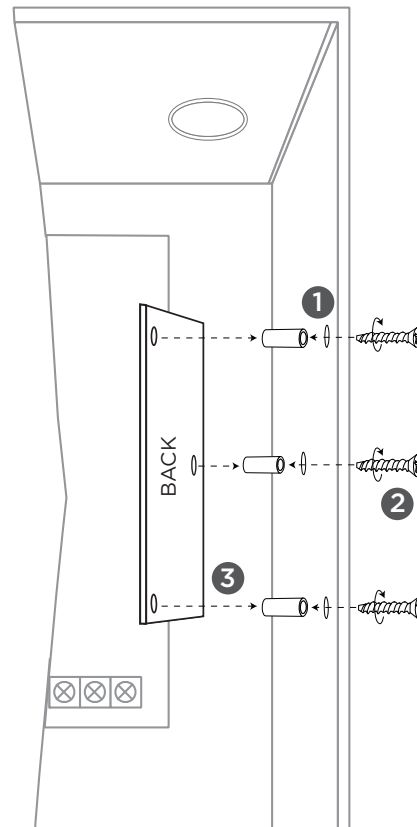


Figure 2: Standoff and Module Installation

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.

1. Connect the included 357-2 cable from TO PANEL to the panel.
2. Connect an Ethernet cable from TO SWITCH/ROUTER to and network (LAN/WAN) connection.
3. Connect an 18-gauge or larger wire from one of the GND Terminals to panel Terminal 4.

Compliance Listing Specifications

For UL listed installations, the Model 270 must be used if the network switch is not installed in the same room as the panel.

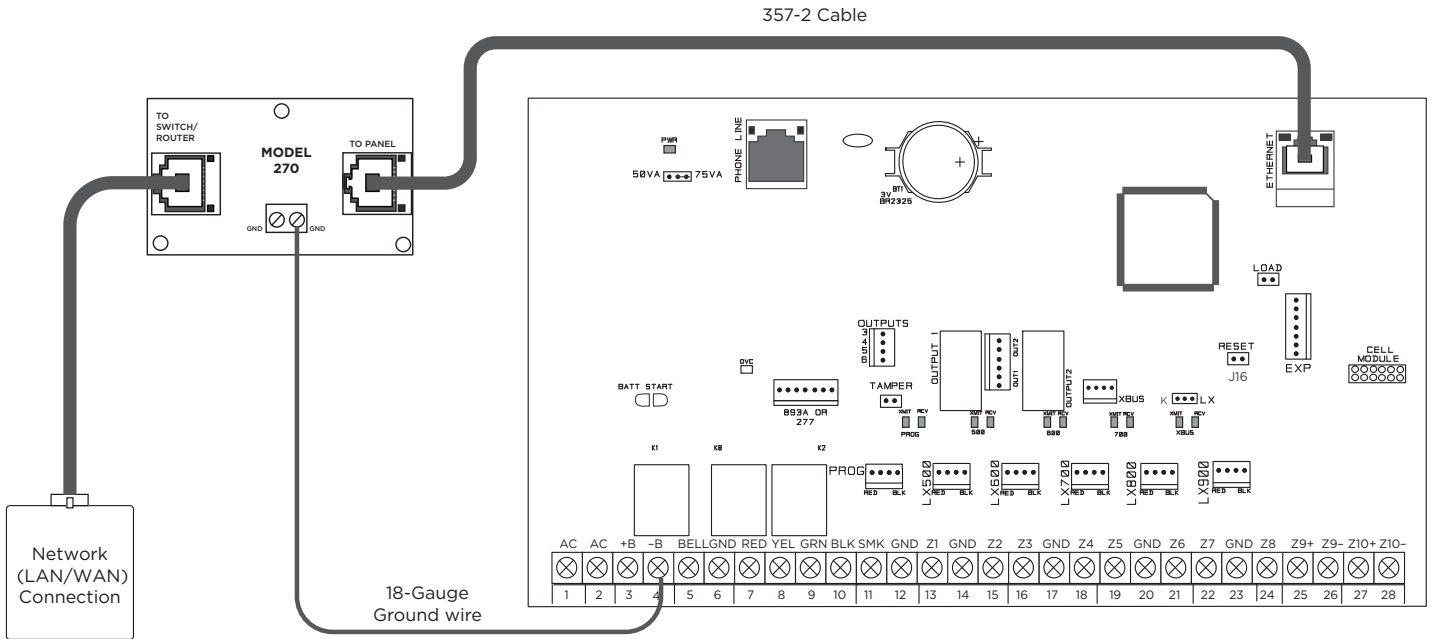
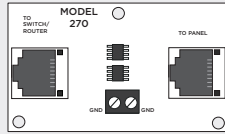


Figure 3: Wiring Diagram

270 SERIES NETWORK TRANSIENT SUPPRESSION MODULE



Specifications

Weight	6.0 oz (0.16 kg)
Dimension	2.75" W x 1.60" H 6.99 cm W X 4.06 cm H

Certifications

Underwriter's Laboratory (UL) Listed	
ANSI/UL 294	Access Control
Level I	Destructive Attack, Line Security
Level IV	Endurance, Standby Power
ANSI/UL 985	Household Fire Warning
ANSI/UL 1023	Household Burglar
ANSI/UL 1076	Proprietary Burglar
ANSI/UL 1610	Central Station Burglary
ANSI/UL 1635	Digital Burglar
ANSI/UL 864	Fire Protective Signaling 9th Edition
ULC S545	Household Fire
ULC Subject-C1023	Household Burglar
ULC/ORD-C1076	Proprietary Burglar
ULC S304	Central Station Burglar
ULC-S559-04	Equipment for Fire Signal Receiving Centers and Systems

International Certifications

Security Grade:	3	
Environmental Class:	II	
Intertek (ETL) Listed	Intrusion and hold-up systems	
EN 50131-1:2006+A1	Control and Indicating Equipment	
EN 50131-3:2009	Power Supplies	
EN 50131-6:2008	Access Control Systems	
EN 50133-1:1997	EMC Product Family Standard:	
EN 50130-4	Immunity Requirements for	
	Components of Fire, Intruder and	
	Social Alarm Systems	
EN 50130-5	Environmental Standards	
EN 61000-3-2	Limits - Limits for Harmonic Current	
	Emissions (Equip. Input Current up	
	to and Including 16 A per	
	Phase) Includes A1 & A2 July 1, 2009	
EN 61000-3-3	Limitation of Voltage Fluctuations &	
	Flicker in Low-Voltage Supply	
	Systems for Equip. with Rated	
	Current Less Than or Equal to 16 A	
	per Phase & Not Subject to	
	Conditional Connection	
EN 61000-6-4	Generic Standards - Emission	
	Standard for Industrial	
	Environments	



Designed, engineered, and manufactured in Springfield, MO using U.S. and global components.
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