

270 Transient Suppression Module

Description

The Model 270 Transient Suppression Module provides surge suppression from the Ethernet network for the protection of DMP Panels. The 270 Transient Suppression Module may be installed with XR150/XR350/XR550 Series or XR150INT/XR550INT Series international control panels.

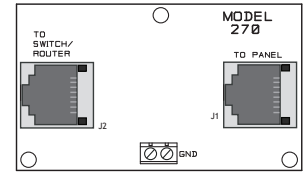


Figure 1: Front View 270 Transient Suppression Module

Installation

The 270 Transient Suppression Module is designed to easily mount inside the panel enclosure using the standard 3-hole mounting configuration.

1. Mount the plastic standoffs to the enclosure using the three included Phillips head screws.
2. Insert the screws from the outside of the enclosure through the holes and into the plastic standoff that mounts on the inside of the enclosure.
3. After tightening and securing the standoffs onto the enclosure, snap the 270 onto the standoffs.
4. Install the included DMP 357-2 cable between the 270 Ethernet connector (J1) and the panel Ethernet connector (J1).
5. Using either side of the two-position terminal strip on the 270, connect an 18 gauge or larger ground wire to terminal 4 on the panel.
6. Connect the Local Area Network (LAN) to the 270 Switch/Router connector (J2).



Ground Yourself Before Handling the Panel! Touch any grounded metal, such as the enclosure, before touching the panel to discharge static.

Remove All Power From the Panel! Remove all AC and Battery power from the panel before installing or connecting any modules, cards, or wires to the panel.

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

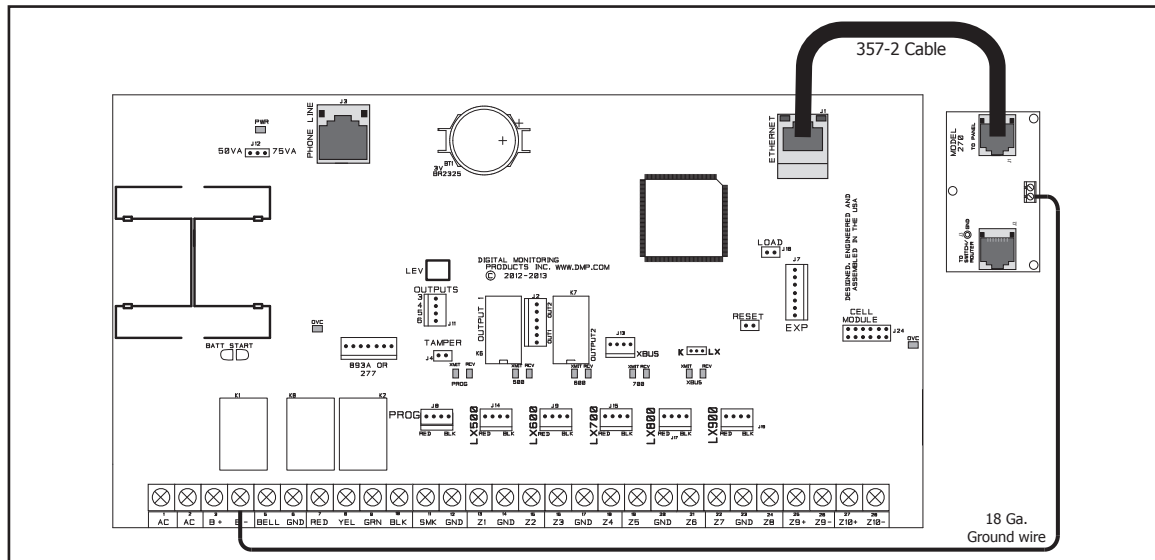


Figure 2: Model 270 to XR550



Documentation

Weight 6 oz .16 Kg
Dimension 2.75" W x 1.6" H

Certifications

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)
EN 50131-1:2006+A1 Intrusion and hold-up
systems
EN 50131-3:2009 Control and Indicating
Equipment
EN 50131-6:2008 Power Supplies

EN 50133-1:1997
EN 50130-4

Access Control Systems
EMC Product Family Standard:
Immunity Requirements for
Components of Fire, Intruder and
Social Alarm Systems

EN 50130-5
EN 61000-3-2

Environmental Standards
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



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