721T TERMINAL BLOCK MODULE

Installation Sheet

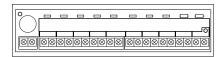


Figure 1: 721T Terminal Block Module

DESCRIPTION

The 721T Terminal Block Module provides an additional panel-style zone terminal block with built-in End-of-Line (EOL) 1K resistors. Mounting the 721T in or near the panel enclosure offers a convenient option for terminating zone connections in one location rather than at the zone device in the field.

Compatibility

 All DMP XR150/XR550 Series panels

What is Included?

 One 721T PCB with foam backing

INSTALL THE 721T MODULE

The 721T easily mounts below the panel in most DMP enclosures. When the rear center knockouts below the panel are used, it may be necessary to mount the 721T below the knockouts.

- 1. Remove all power from the panel before installing the 721T.
- 2. Remove the tape from the 721T foam backing and press the module firmly onto the enclosure back. Alternately, the 721T can be permanently mounted using the pre-drilled mounting holes. See Figure 2.

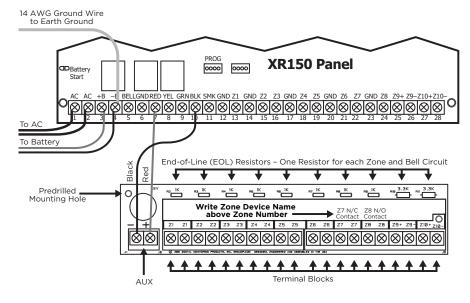


Figure 2: 721T AUX Terminal Connections

CONNECT THE TERMINAL BLOCKS

Use 4-conductor wire to complete the connections between the panel, the field device, and the 721T. For reference, use a marker to write the zone device name and number on the 721T in the white space above the zone terminals. See Figure 2.

How to Connect the AUX Terminal Blocks

- Connect one end of the black wire to the negative (-) AUX terminal on the 721T and the other end to panel terminal 10. See Figure 2.
- 2. Connect one end of the red wire to the positive (+) AUX terminal on the 721T and the other end to panel terminal 7. See Figure 2.



How to Connect N/O Contacts

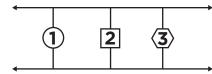
Follow these steps to connect a N/O (Normally Open) contact to panel zone 8 in parallel. See Figure 3.



Note: When a circuit is in parallel, each component is equal, and the voltage across the circuit is the sum of the voltages across each component.



Example: In Parallel Circuit



- 1. Connect the red and yellow wires to the same terminal on the N/O contact.
- 2. Connect the black and green wires to the other terminal on the N/O contact.
- 3. Connect the other end of the black wire to panel terminal 23 GND.
- 4. Connect the other end of the red wire to panel Z8 terminal 24.
- 5. Connect the other ends of the yellow and green wires to the Z8 terminals on the 721T.

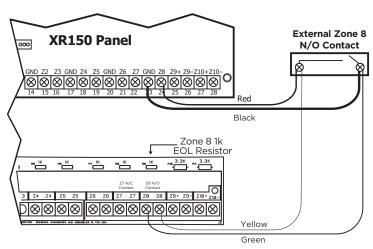


Figure 3: 721T Wired to N/O Device

How to Connect N/C Contacts

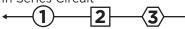
Follow these steps to connect a N/C (Normally Closed) contact to panel zone 7 in series. See Figure 4.



Note: When a circuit is in series, each component must function to complete the circuit.



Example: In Series Circuit



- 1. Connect the red wire to one terminal on the N/C contact.
- 2. Connect the yellow wire to the other terminal on the N/C contact.
- 3. Connect the black and green wires together.
- 4. Connect the other end of the black wire to panel terminal 23 GND.
- 5. Connect the other end of the red wire to panel Z7 terminal 22.
- 6. Connect the other ends of the yellow and green wires to the Z7 terminals on the 721T.

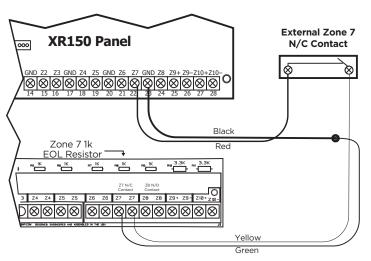


Figure 4: 721T Wired to N/C Device

721T TERMINAL BLOCK MODULE

Specifications

Dimensions

7.70" W x 1.65" H x 0.83" D

19.56 cm W x 4.19 cm H x 2.11 cm D

Compatibility

XR150/XR550 Series Panels



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

LT-0861 20021

INTRUSION • FIRE • ACCESS • NETWORKS

2500 North Partnership Boulevard Springfield, Missouri 65803-8877 800-641-4282 | DMP.com