Introduction

This publication describes the installation procedure for the 4100-6034 Tamper Switch with IDNet Individual Adapter Module (IAM).

This Product is compatible with both 4100U and 4100ES Fire Alarm Control Panels (FACP).

In this publication

This publication discusses the following topics:

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overview</td>
<td>1</td>
</tr>
<tr>
<td>Installation Procedure</td>
<td>2</td>
</tr>
<tr>
<td>Wiring Procedure</td>
<td>2</td>
</tr>
</tbody>
</table>

Overview

The tamper switch (see Figure 1) is used to monitor either the solid door or the dress panel of the fire alarm control panel. The tamper switch does not monitor the glass door, it only monitors the dress panel that is associated with the glass door. An IDNet IAM is mounted to the bracket. It is wired to the contact of the tamper switch and added to the system via the FACP programmer. Detection of the switch by the IAM is programmable as either a Trouble or as a Priority 2 Alarm. To program the IAM, set the device type as IAM, then select the point type as either TROUBLE or as GENPRI2. When servicing the panel, the tamper switch may be disabled by pulling the white plastic plunger out until it locks into place (the door or dress panel must remain open for the switch to be maintained in this position).
Tamper Switch

Installation Procedure

1. Note which way the solid door on your FACP will open and prepare to install the tamper switch accordingly (if the door swings towards the left, then the tamper switch must mount to the right inside the back box, and vice versa).

2. Match up the appropriate two mounting holes on the tamper switch to the two screw studs about halfway up on the inside of the cabinet (if you are mounting to a back box with glass doors and dress panels, use the top-front mounting holes (see Figure 1). If you are mounting to a back box with solid doors and no dress panel, use the top-back mounting holes).

**Note:** The bottom mounting holes are used to mount the switch on the other side of the cabinet.

3. Set the tamper switch on the screw studs and fasten the tamper switch to the back box with the two number six flange nuts provided.

Wiring Procedure

Refer to Figure 2 and the notes for wiring instructions.

**Figure 1. Tamper Switch**

**Figure 2. Tamper Switch with IDNET IAM**

**Figure 2 Notes:**

1. Field installed wires, maintain polarity and use 12 to 18 AWG wire from supervised IAM assembly to system power supply.

2. Tamper switch harness and 6.8K resistor are factory-connected to locations 3 and 4 on the supervised IAM assembly.