Field Notes

EST2: 2-DACT Intermittent Faults

Introduction

This technical bulletin is to inform you of a non-life safety issue we are experiencing in the field with 2-DACT Digital Alarm Communication Transmitters. We apologize in advance for any inconveniences this may cause.

Issue

Technical Support has received numerous calls on intermittent fault conditions related to dialer communications and supervision on EST2 systems. These faults are characterized by a "DIALER IS MISSING 0012" event which occurs randomly at system start and reoccurs every 1 to 3 days. The fault duration is momentary and activates and restores immediately. All other dialer functions perform as intended and it should be emphasized that these faults do not inhibit any life safety functions.

Solution

We are in the process of resolving the issue. The resolution will be communicated in a future bulletin.

For installations requiring immediate availability, we will provide a Fireshield Plus panel with dialer (model FSP502RD or FSP502GD) in lieu of your 2-DACT order. The Fireshield Plus provides a Panel Op Mode FACOM option that configures the panel to operate as a dialer for fire alarm control panels that do not have a dialer.
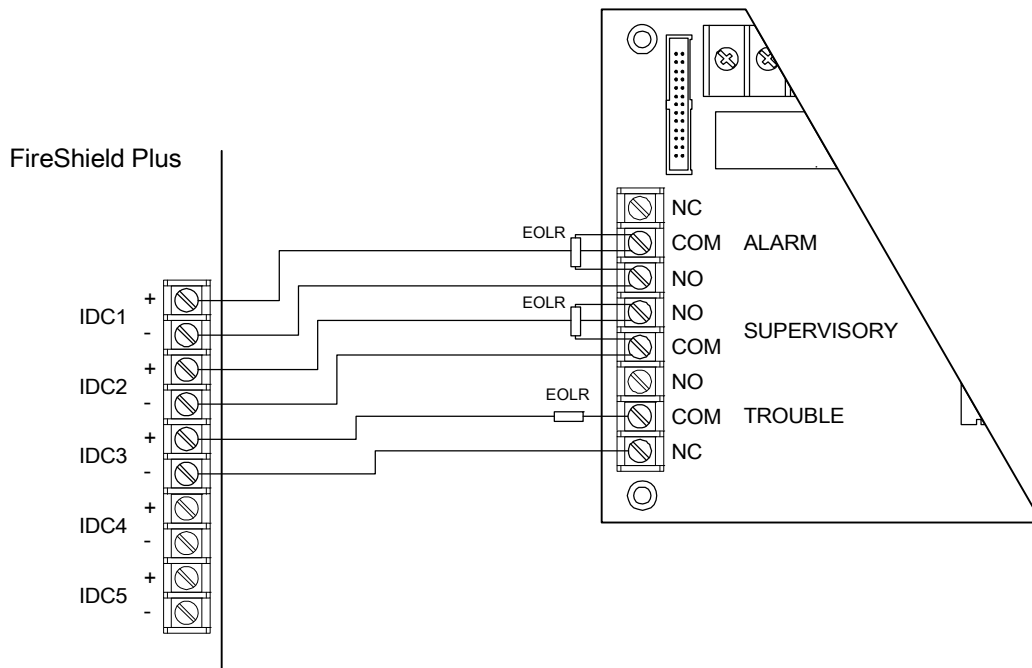
In this operating mode, all initiating device circuits on the FireShield Plus panel are configured as nonlatching alarm circuits by default. The FireShield Plus panel resets automatically after the central station receiver acknowledges that it received all events from the control panel. Please refer to the *Fireshield Plus Technical Reference Manual* (P/N 3101018) for more information regarding the FACOM Panel Op Mode.

Note: This operation takes the EST2 system from an event notification system to a Common Alarm, Common Supervisory, and Common Trouble reporting system.

Wiring

Wire the FireShield Plus control panel to the 2-MCMx controller as shown in Figure 1 below. Use P/N EOL-4.7 for the EOLR.

Programming

Program the FireShield Plus control panel as follows:

1. Set the FSP Panel Op Mode option for FACOM.

2. Set the IDC1 Zone Type option for Alarm-Unverified (default).

3. Set the IDC2 Zone Type option for Supervisory.

4. Set the IDC3 Zone Type option for Monitor.

If there are further questions regarding issue please contact Technical Support.

Contacting support

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