



MGC DUCT SMOKE DETECTOR Remote Test Function



2023-05-23

Remote Test Function

FX-4000N Series FACUs

Option 1: Button Switch tied on a Panel

The soft switches on the FX-4000N displays can be correlated to test up to 2 Duct Smoke Detectors. The IPS modules should be installed for sites with more than 2 Duct Smoke Detectors.

Display:

- DSPL-2440DS / DSPL-420-16-TZDS / DSPL-420DS

Programmable Input Switches module:

- IPS-4848DS / IPS-2424DS

Option 2: Button Switch on a Remote Annunciator

The FX-4000N remote annunciators allow for remote testing of up to 2 Duct Smoke Detectors using soft switches. If there are more than two detectors on site, an additional IPS module should be added to annunciator.

Remote Annunciator:

- RAXN-4000LCDG / RAXN-4000LCD

Programmable Input Switches module:

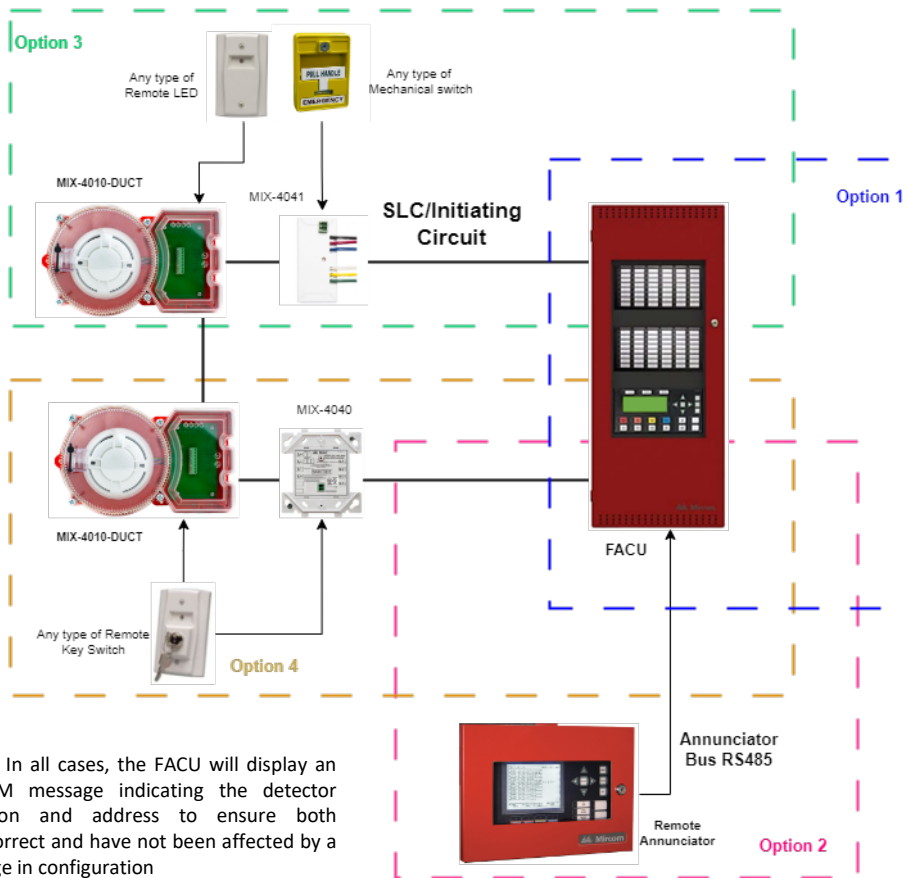
- IPS-4848DS / IPS-2424DS

Option 3: Any Mechanical Switch tied to an Input Module

Any mechanical switch can be connected to MIX-4040/MIX-4041 Input Modules to perform the remote test. For a visual inspection, use any type of Remote LED wired to the Duct Smoke Detector.

Option 4: Any Remote Key Switch tied to an Input Module

Any remote test key switch can be connected to MIX-4040 or MIX-4041 Input Modules to activate the remote test function. The remote test key switch with LED should be connected to the Duct Smoke Detector for LED indication.



Note: In all cases, the FACU will display an ALARM message indicating the detector location and address to ensure both are correct and have not been affected by a change in configuration



Remote Test Function

FX-400/401 Series FACUs

Option 1: Any Mechanical Switch tied to an input module

Any mechanical switch can be connected to a MIX-4040 or MIX-4041 to activate the remote test function. For a visual inspection, use any type of Remote LED connected to the Duct Smoke Detector.

Suggested Options:

- RA100Z
- RA100ZA
- MS-RA

Option 2: Remote Key Switch tied to Input module

Any remote test key switch can be connected to a MIX-4040 or MIX-4041 to activate the remote test function. The remote test key switch should be connected to the Duct Smoke Detector for LED functions.

Suggested Options:

- RTS151KEY
- RTS151KEYA
- MS-KA/R

Upcoming Alternatives:

Stage 1: Trigger the Duct Detector test function through the Panel/Annunciator Menu.

Stage 2: Support of test function via Programmable Input Switch Modules.

