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FWC-FSLC-DUCT Photoelectric Analog Duct Detector DATA SHEET

WI1921 09/10

ORDERING INFORMATION

FWC-FSLC-DUCT: Easy-Install Photoelectric Analog Duct Detector. Detects and limits the spread of smoke throughout building HVAC ducts. **Note:** This sensor is compatible exclusively with fire alarm control panels that utilize Napco's protocol, DCP.

For installation and testing instructions, see WI1711.

AGENCY LISTINGS

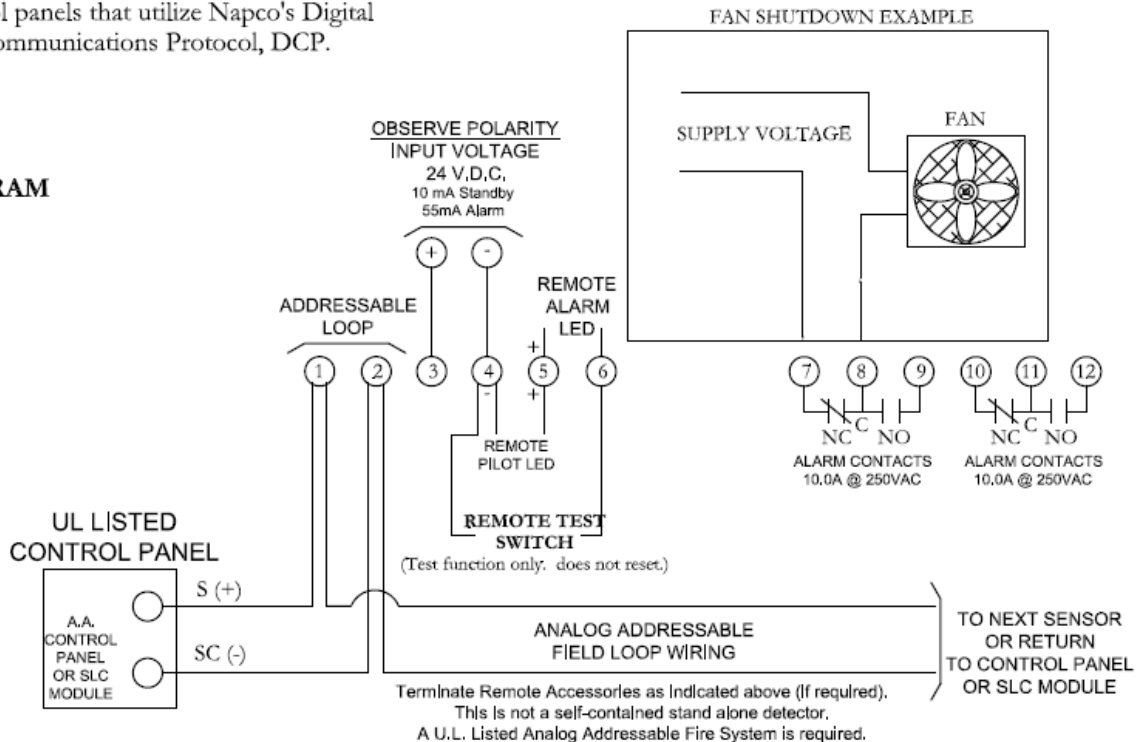
UL268A: Smoke Detectors for Duct Application
NFPA 72 National Fire Alarm Code
CSFM: California State Fire Marshall (Pending)
FM Approval: (Pending)
NYCFD: NYC Fire Department (Pending)

GENERAL INFORMATION

Wiring must conform to applicable local codes, ordinances and regulations covering these types of devices. Wire the detectors according to the engineering drawings for the particular job requirements. These detectors are not intended for open area protection, nor should they be used for open air protection. Refer to NFPA 90A and NFPA 72 for general and additional information on Duct Smoke Detectors concerning operation and installation. Terminals are suitable for 12 to 22 AWG. Maximum of 2 conductors per terminal.

The FWC-FSLC-DUCT is not self-contained sensors.
This product is compatible only with fire alarm control panels that utilize Napco's Digital Communications Protocol, DCP.

WIRING DIAGRAM



CAUTION: Since the analog loop is current limited similar to a conventional two-wire loop, the FWC-FSLC-DUCT cannot be guaranteed to operate under all conditions. This analog duct housing must be treated as a two-wire conventional duct detector when considering auxiliary functions necessary for smoke control.