The NATIONAL TIME D900-ISO provides line to line short circuit fault isolation on the DigiComm™ Loop or 24VDC riser. The Isolator can be configured for style 4 or 7 (class A/B) operation. The Isolator provides a LED indication on activation. In style 4 operation, devices upstream of the activated isolator will operate as intended. In style 7 operation, devices upstream of the first activated isolator and downstream of the second activated isolator will operate as intended.
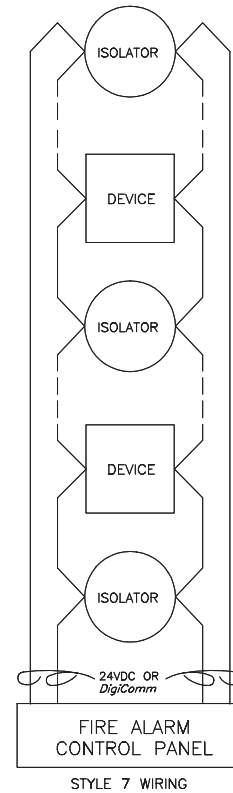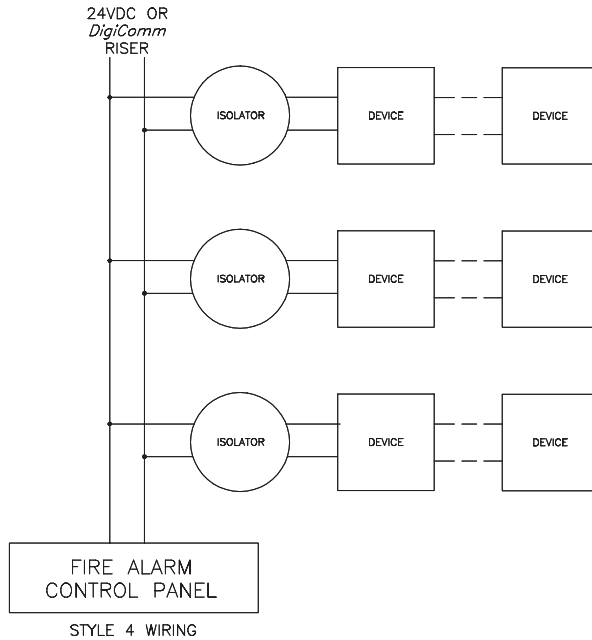
The isolator restores to normal operation upon restoration of the fault condition. No system reset is required. The isolator mounts to a 4" diameter isolator base.

Features:

• Style 4 or 7 Operation (Class A/B)

• Attractive Package

• Isolator Active LED

• Self-Restoring

• DigiComm™ or 24VDC Isolation

• U.L. Listed

Wiring Diagrams

24VDC OR *DigiComm* RISER

ISOLATOR — DEVICE — — — DEVICE

ISOLATOR — DEVICE — — — DEVICE

ISOLATOR — DEVICE — — — DEVICE

FIRE ALARM CONTROL PANEL

STYLE 4 WIRING

ISOLATOR

DEVICE

ISOLATOR

DEVICE

ISOLATOR

24VDC OR *DigiComm*

FIRE ALARM CONTROL PANEL

STYLE 7 WIRING

Specifications

DIGICOMM™ LOOP POWER:	100uA @ 24VDC (non-isolating condition)
	8mA @ 24VDC (isolating condition)
COMPATIBILITY:	DigiComm™ or 24VDC (1 Amp max. current)
OPERATION VOLTAGE RANGE:	17VDC to 40VDC
LINE RESISTANCE:	0.2 ohm
MAX. LINE CURRENT:	1 Amp
COMMUNICATION:	Style 4 or 7 (via DigiComm™ Communication Loop)
FINISH:	White Polycarbonate
DIMENSIONS:	4"dia. x .875"
NET WT.:	2.5 oz.
MOUNTING:	To DigiComm™ Isolator Base (see Bulletin F-360)

Ordering Information

Part No.	Description
D900-ISO	DigiComm™ Isolator Module
D900-BASE4 ISO	4" Isolator Base