



# XP95A Monitor Input-Output Module Model SMIO-820

## General Description

The XP95A Monitor Input-Output Module is designed to fit into a 4" junction box. The red indicating LED is visible through the cover plate.

This module has two modes of operation: (1) the module can be used to monitor any normally open contact fire alarm initiating device. When the device contacts close the module will transfer the onboard relay and send an alarm signal to the FACP. (2) The other mode of operation is as an output relay closure, which is controlled by signals from the FACP.



An eight position dip switch allows for setting the device address and whether the device being monitored is wired to the module as a Class A (Style D) or Class B (Style B) circuit.

## Specifications

Module Part Number:	55000-820
SLC wiring:	Two wire supply, polarity insensitive
Supply Voltage:	16-28 VDC
Current Consumption:	850 $\mu$ A (.000850 A), 5 mA max.
Style:	Styles 4, 6, and 7 switch selectable
Terminations:	Screw terminals
End-of-line Resistor:	None
Alarm Indicator:	Red LED visible through cover plate
Monitored Circuit:	
Style:	Class A (Style D) or Class B (Style B) switch selectable
End-of-Line Resistor:	47K
Output Circuit:	
Relay Rating:	1 A @ 24 VDC, 0.5 A @ 120 VAC
Contacts:	Form C
Operating Temperature:	-2°F to 158°F (-20°C to +70°C)
Humidity:	0% to 95% relative humidity (No condensation or icing)
Dimensions:	4 in. X 4 in. X 1.3 in. (113mmW X 113mmH X 30mmD)
Weight:	3-oz. (85.8g)
Materials:	Housing and cover plate is white polycarbonate.
Mounting:	Centers to fit 4" box, NEMA OS-1-1989 Figure 210 or equivalent
Approvals:	Underwriters Laboratories

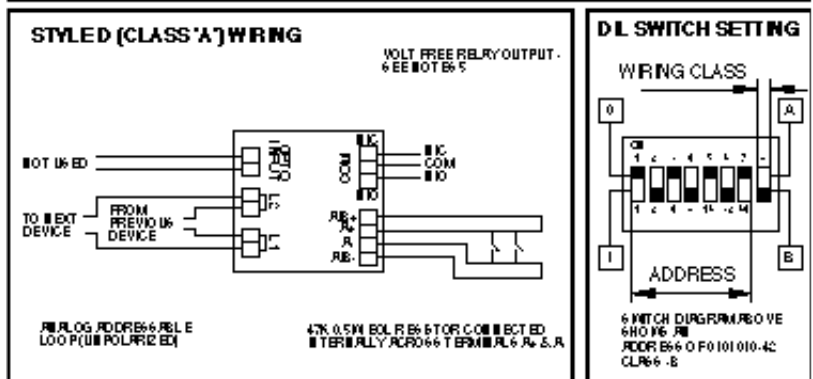
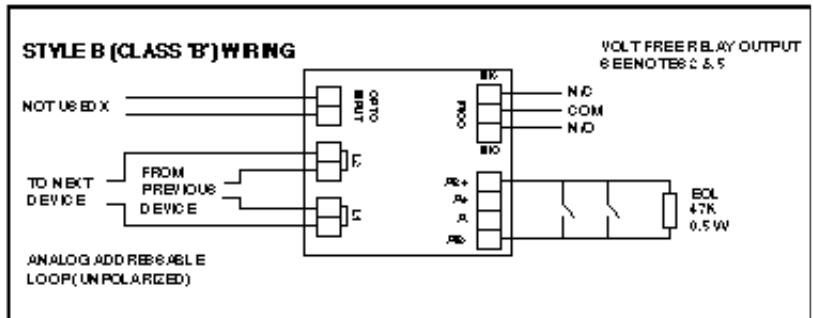
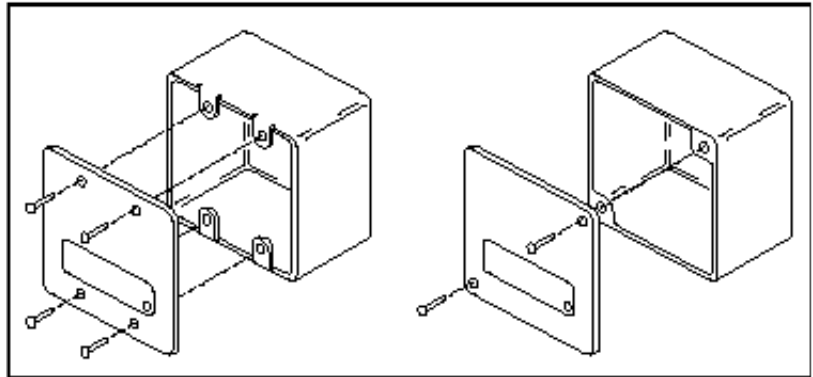


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## Notes for I/O Module Class A and Class B Wiring

1. All wiring must conform to applicable local codes, ordinances and regulations. E.g. NFPA 72
2. Power supply connected to the module should be from the S3000, IPB-3, or independent, regulated, 24V DC, listed for fire protection, with battery backup and power limited per NFPA 72.
3. Relay contacts shown in RESET condition.
4. Select Class A or B mode using BIT 8 of DIL switch
5. Relay rating, 900mA @ 30Vdc 0.35pf, 400mA @ 120Vac 0.35pf in fire protection applications.
6. See Appendix J or device installation instructions for addressing information.
7. Symbols represent normally-open devices (compatible conventional detectors, pull stations, or switches).

### INSTALLATION INSTRUCTIONS SHEET XP95A SWITCH MONITOR INPUT-OUTPUT MODULE



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