

XP95A

Switch Monitor Modules



Product overview

Product Type	Switch Monitor Module
Part No.	55000-805
Product Type:	Priority Switch Monitor Module
Part No.	55000-806
Digital communication	XP95

Compliance



Product information

The XP95A Switch Monitor Modules are loop-powered devices that incorporate a monitored input circuit for connection to remote switches.

The XP95A Priority Switch Monitor Module incorporates an additional 'Priority interrupt' to give a fast response from devices such as pull stations.

The modules are for indoor use only.

- Three input states - 'normal', 'trouble' and 'alarm'
- Visible LED
- Loop-powered
- Fast response time
- Interrupt facility

Technical data

All data is supplied subject to change without notice. Specifications are typical at 24 V, 73°F and 50% RH unless otherwise stated.

Single line circuit (SLC)	Supervised power limited
Working Voltage	17 V - 28 V dc
Modulation voltage	5 - 9 V peak to peak
Supervisory current	1 mA
Surge current	2.5 mA
Maximum alarm current	5.0 mA (LED on)
Analog level (normal)	16
Analog level (alarm)	64
Analog level (trouble)	4
Initiating device circuit (IDC)	
Wiring styles	Supervised power limited Class A and Class B
Voltage	10 V dc
Current	1.7 mA max
Line impedance	100 Ω max
End-of-line resistors*	47 kΩ
General	
Temperature range	32 °F to 120 °F (0 °C to 49 °C)
Humidity (no condensation)	10% to 93% RH
Standards and approvals	UL, ULC, CSFM
Dimensions	4.5 in. (114 mm) x 4.5 in. (114 mm) x 1 in. (25 mm)
Wiring size	24 AWG - 14 AWG
Material	White flame-retardant polycarbonate

Note: A UL listed end-of-line resistor is available from Apollo, Part No. 44251-146.

Protocol compatibility

The XP95A Dual Priority Switch Monitor Module operates only with control equipment using the Apollo Series 90, XP95, Discovery or CoreProtocol protocols.

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