XP95A

Mini Priority Switch Monitor Module

Product overview

Product	Mini Priority Switch Monitor Module
Part No.	55000-830
Digital communication	XP95 compatible only

Compliance

Product information

The XP95A Mini Priority Switch Monitor Module is designed to fit into equipment with limited space and monitor the state of one or more single-pole, volt-free contacts and to report the status to Apollo compatible analog control equipment. It can also place a signal on the loop to provide early warning if a device such as a pull station is operated.

- Three input states - 'normal', 'alarm' and 'trouble'
- Visible LED with remote LED connection option
- Loop-powered
- Designed to fit into equipment with limited space
- Easy to install
- Monitors equipment where a fast response is required
- 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	_17V - 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	
Digital communication	_XP95_
Application	_Indoor/dry_
Temperature range	_32ºF to 120ºF (0ºC to 49ºC)_
Humidity (no condensation)	_0% to 95% RH_
Standards and approvals	_UL, ULC, CSFM_
Dimensions	_3 in. (76 mm) x 2 in. (50 mm) x 0.5 in. (12 mm)_
Material	_White flame-retardent polycarbonate_

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

Mechanical description

The Mini Priority Switch Monitor Module is supplied as a PCB in a two-part polycarbonate molding with connections being made by six 150 mm flying leads. The address switch is accessible through an aperture in the molding. When the address has been set the aperture must be sealed with the label provided that should show the setting of the address switch.

The device is fitted with an LED which illuminates red in alarm. A remote LED connection is also provided which is switched with the integral LED.

Protocol compatibility

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

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