

XP95A

Switch Monitor Modules



Product overview

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| 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.

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| 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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