



AS4705-600

MINI SWITCH MONITOR MODULE



Product Overview

Product	Mini Switch Monitor Module
Part No.	AS4705-600
Digital Communication	XP95 and Discovery

Product Information

The Mini Switch Monitor Module is a loop-powered device incorporating a monitored input circuit for connection to remote switches, for indoor use only.

- Built-in isolator
- Visible LEDs
- Loop Powered
- Ground fault detection
- Selectable priority to monitor equipment where a fast response is required
- Interrupt facility
- Fits into equipment that has limited space
- Improved design for ease of mounting

Approvals



Technical Data

All data is supplied subject to change with Specifications are typical at 24 V, 73°F and unless otherwise stated.

General	
Product Operating Temperature	32°F to 120°F
Humidity	10% to 93% RH (no condensation)
Standards and Approvals	UL, ULC, FM, CS
Dimensions	1.9" W x 3.0" H
Materials	Housing: UL94 V-0
Wire Size	18 AWG

LED Status	
LED Color	Description
Green	Polling
Yellow (solid)	Isolation
Red	Alarm
Single Line Circuit (SLC) - Supervised	
Supply Voltage	17 V to 28 V DC
Modulation Voltage	5 V - 9 V peak to peak
Supervisory Current	500 µA
Switch-on Surge Current	900 µA
Alarm/Operated Current, LED ON	1.6 mA per LED
Maximum Loop Current	1 A

Initiating Device Circuit	
Wiring Styles	Supervised power and Class B
Voltage	3.3 V DC
Line Impedance	100 Ω Max
End-of-Line Resistors*	47 kΩ

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