

## Enhanced Mini Switch Monitor Module

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

### Features

- 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
- Communicates with XP95 and Discovery protocols



### Listings and Approvals

- UL, ULC, FM, SII and CSFM

### Specification

#### General

Product Operating Temperature	32° to 120° F
Humidity	10% to 93% RH (no condensation or icing)
Standards and Approvals	UL, ULC, FM, SII, CSFM
Dimensions	1.9" W x 3.0" H x 0.6" D
Materials	Housing UL94 V-0 polycarbonate
Wire Size	18 AWG

#### LED Status

LED Colour:

Green	Polling
Yellow (solid)	Isolation
Red (alarm)	Alarm

#### Single Line Circuit (SLD) - Supervised Power Limited

Supply Voltage	17 V to 28 VDC
Modulation Voltage	5 V to 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 (IDC)

Wiring Styles	Supervised power limited Class A and Class B
Voltage	3.3 VDC
Line Impedance	100 $\Omega$ Max
End-of-line Resistors*	47 k $\Omega$

\* A UL-listed end-of-line resistor is available - Part no. 44251-146

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

## Order Codes and Options

SA4705-600ADV	Enhanced Mini Switch Monitor Module
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