

ADDRESSABLE MODULES

SWITCH MONITOR MODULE - S-A4043

SHIELD Switch Monitor Module is designed to monitor the state of one or more single pole, voltage free contacts connected and to report the status to SHIELD compatible analog control equipment.

- Three input states - 'normal', 'trouble', and 'alarm'
- Visible LED
- Loop-powered

Technical Data

Style	Fascia plate with wiring terminals
Temperature range	32°F to 120°F
Wiring size	24 AWG - 14 AWG
Signal line circuit (SLC)	Supervised power limited
Working Voltage	17 - 28 V DC
Modulation Voltage	5 - 9 V DC (peak to peak)
Operating Current	Supervisory Current: 1.1 mA Surge Current: 2.5 mA Maximum Alarm Current: 5 mA (LED on)
Functional States	Analog Level (normal): 16 Analog Level (alarm): 64 Analog Level (trouble): 4
Dimensions (L x W x D)	114 mm x 114 mm x 25 mm



SWITCH MONITOR INPUT/OUTPUT MODULE S-A4045

SHIELD Switch Monitor Input/Output Module provides a voltage free, single pole, change-over relay output, a single monitored switch input and unmonitored, non-polarized opto-coupled input.

- Reports 'trouble', 'switch open' and 'switch closed' levels
- Visible LED
- Loop-powered

Technical Data

Style	Fascia plate with wiring terminals
Temperature range	32°F to 120°F
Wiring size	24 AWG - 14 AWG
Signal line circuit (SLC)	Supervised power limited
Working Voltage	17 - 28 V Dc
Modulation Voltage	5 - 9 V DC (peak to peak)
Operating Current	Supervisory Current : 8000 µA Surge Current : 7.5 mA Maximum Alarm Current: 6.0 mA (LED on)
Functional States	Analog Level (normal) : 16 Analog Level (alarm) : 64 Analog Level (trouble) : 4
Dimensions (L x W x D)	114 mm x 114 mm x 25 mm

