

**S-A4046**



**Sounder Control Module**

SHIELD Sounder Control Module monitors and controls the operation of a zone of conventional sounders and reports their status to the control panel.

- Allows sounders to be operated continuously or be pulsed, 1 second on, 1 second off.
- May be synchronized when in pulsed operation.
- Can also be used for public address speakers.

**Technical Data**

Type	Sounder Control Module	
Style	Fascia Plate With Wiring Terminals	
Temperature Range	0°C to 49°C	
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	1.3 mA
	Surge Current	7.5 mA
	Maximum Alarm Current	4 mA (LED on)
Functional States	Analog Level (normal)	16
	Analog Level (trouble)	4
Dimensions (L x W x D)	114 mm x 114 mm x 25 mm	

**S-A4051**



**Isolator Module**

The Isolator is placed at intervals on the loop and ensures that, in the case of a short circuit, only the section between the isolators will be affected. When the short circuit is removed, the isolators automatically restore power and data to the isolated section.

- Detects wiring short-circuits using patented technology.
- Minimizes disruption from short-circuits.
- Automatic de-isolation on short-circuit removal.
- Up to 20 devices may be installed between isolators.

**Technical Data**

Device Type	Isolator	
Style	Mounting Base And Twist-In Isolator Module	
Working Voltage	17 - 28 V DC	
Operating Current	Modulation Voltage	5 - 9 V (peak to peak)
	Supervisory Current	110 µA
	Surge Current	0m A
	Maximum Current Drawn	8.5 mA
	Maximum Line Impedance	50 Ω
Temperature Range	0°C to 38°C	
Dimensions (diameter x height)	100 mm x 31.25 mm	
Weight	82 g	

**Ordering Information**

S-A4051	Isolator Module
S-A4002	Isolator Base

Note: Specifications are subject to change without notice