

**S-A4049****120V AC Input/Output Module**

SHIELD 120V AC Input/Output Module is a loop powered device which incorporates a monitored input circuit for connection to dry contacts, as well as a 4A rated dry contact relay output. It is mounted on a plastic fascia plate for use with a 4" square or 2 gang electrical back box.

- Loop-powered.
- Visible LEDs.
- 4A rated dry contact.

**Technical Data**

Type	120 V AC Input/Output 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	
Operating Voltage	17 - 28 V DC	20-28 V DC (UL listed)
Modulation Voltage	5 - 9 V DC (peak to peak)	
Operating Current	Supervisory Current at 17 V	<0.95 mA
	Alarm Current at 17 V	<2.80 mA
	Supervisory Current at 28 V	<0.95 mA
	Alarm Current at 28 V	<3 mA (LED on)
	Maximum Alarm Current	
Functional States	<5 mA	
	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	

**S-A4050****Relay Output Module**

SHIELD Relay Output Module provides a single 2-pole change over relay.

- Loop-powered.
- Can be placed anywhere on loop.

**Technical Data**

Type	Relay Output 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	0.85 mA
	Surge Current	2.50 mA
	Maximum Alarm Current	
Functional States	3.50 mA (LED on)	
Relay Output	Analog Level (normal)	
	16	
	Non Supervised, Dry Contact	
	24 V DC, 2 A; 30 V DC, 0.5 A	
Dimensions (L x W x D)	114 mm x 114 mm x 25 mm	

Note: Specifications are subject to change without notice

