



Signal and Access Relay Instructions

The Signal and Access Relay Box is designed for use with Acroprint's badge reading terminals. It has two independent types of switching circuits, a solid state switching circuit and a mechanical dry contact relay circuit. Either circuit may be used to switch on AC powered bells, alarms, horns or door access electric strikes. Only the mechanical relay may be used for DC powered devices (you must add an external DC power supply if you are using a DC powered device).

To use the solid state switching circuit:

- Connect the device to the CON1 terminal strip using AC OUT, NEUT and GND connection points. Wires should be stripped 1/4 inch.
- If you are using the badge terminal's Bell signal, slide the SW2 switch to the side marked BELL.
- If you are using the badge terminal's Access signal, slide the SW2 switch to the side marked ACCESS.

To use the mechanical dry contact relay switching circuit:

- Connect the device to the CON2 terminal strip using NO and COM connection points. Wires should be stripped 1/4 inch.
- If you are using the badge terminal's Bell signal, slide the SW1 switch to the side marked BELL.
- If you are using the badge terminal's Access signal, slide the SW1 switch to the side marked ACCESS.

WARNING: Your installation must meet all National and Local electric codes. Installation should be performed by a licensed electrician.

Specifications:

Input Voltage: 120VAC/230VAC 50/60 Hz
Input Current: 2 Amps Maximum
AC Output: 120VAC/230VAC 50/60 Hz
Relay Circuit: 5A at 250VAC or 30VDC
Operating Temperature: 0 to 50 degrees C
Humidity: 0 to 90% RH Non Condensing
Dimensions: 8 3/4" x 6" x 2"



