Overview
The 7711 8 Zone Input Card is designed for use with the AES 7707 RF Fire Subscriber. The zone input card provides an interface between Fire Alarm Control Panel relay output dry contacts and the 7707 subscriber. All 8 zone inputs use E.O.L. resistors, are supervised and are power limited.

Out of box
- 7711 8 Zone Input Card 1 ea. AES P/N 7711
- Threaded M/F Hex standoffs 2 ea.
- Hex nuts 2 ea.
- 2.2k E.O.L. Resistor 8 ea. AES P/N 02-0029-EOL
- 7711 Installation and Operation Manual 1 ea. AES P/N 40-7711

Physical Installation – Single Zone Input Card
1. Turn off power to 7707 subscriber and alarm panel.
2. Place 7711 zone input card over standoffs on the mainboard as shown in the diagram below.
3. Press the input card down to seat the header connector on the mainboard.
4. Place hex nuts on 7711 standoffs. Do not overtighten.
5. Refer to the wiring diagram on Pg. 2 to connect the alarm panel dry contact relay outputs to the 7711 zone inputs.
6. Re-apply power to the subscriber. Configure the 7707 subscriber to set zone input type to match zone use (Fire or Bypassed). Refer to the wiring diagram and 7707 Instruction manual for details on setting the zone inputs.

Technical Specifications

Power Supply
Supply Voltage: 12V DC supplied by 7707 subscriber
Current Consumption: 40 mA max.

Environmental Specifications
Operating Temperature: 32°F to 120°F (0°C to 49°C)
Storage Temperature: 14°F to 140°F (-10° to 60° C)
Relative Humidity: 0 to 93% RHC, Non Condensing

Mechanical Specifications
Size: 1 ½ in. x 5 in. (3.81cm x 12.7 cm)
Weight: 3 oz. (0.08 kg)

Inputs
Number of inputs: 8
Dry Contact with 2.2k Ohm EOL resistor. Supervised. Power limited. Circuit is 2.5V DC max. at 1.2 mA max.
Wire resistance = 2 kΩ max.
Wire Type: Twisted pair
Wire Size: 18 to 22 AWG

Ground Fault
Ground fault occurs when the impedance of a zone input to earth ground is less than 50 kΩ.
AES 7711 – 8 Zone Input Card
Installation and Operation Manual

7711 – 8 Zone Input Card
Wiring Diagram

FIRE ALARM CONTROL PANEL

NOTE: Wiring FACP with single wire terminals – use wire connector as shown in diagram to provide single wire to terminal.

EOL RESISTOR – 2200 OHMS – AES PART No. 02-0029EOL
Resistor must be at end of line inside the control panel.

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