

4000 SERIES ACCESSORIES

Model 4115 Serial Zone Expander

Features

- Expands 4720 Control by 64 Zones
- Two 2-Wire Serial Loops Support Up to 64 Sensors
- Plugs into Supervised Expansion Bus (Xbus)
- Loops Can be Programmed For UL Burglary or Fire
- Loop Wiring is Electronically Protected Against Shorts: If One Loop is Shorted, the Other Continues to Operate
- SmartSensor ID Numbers Can be Easily Programmed Using a System Touchpad
- Surface and Recessed Magnetic Switches with Built-in SmartSensors are Available
- Stand-Alone SmartSensors are Available for Use With Other Security Devices

Description

The Regency® Model 4115 Serial Zone Expander allows expansion of the 4720 Control Expander by adding 64 zones. When using the 4724 Control Expander, up to two 4115 expanders may be used to increase zone capacity by 128 zones. The 4115 has two 2-wire serial loops that support up to 64 SmartSensor point ID modules. The modules are available in a variety of configurations, including surfaces and recessed magnetic contacts. Stand-alone versions, with internal end-of-line (EOL) resistors, are also available. The stand-alone SmartSensors allow connection to, and point identification of, most security devices. The individual zone characteristics are defined by program options set in the 4720, 4734, or 4724. The two loops are electronically protected against shorting and, if one loop is shorted, the other continues to operate normally. Removing the short restores loop functioning automatically. The loops can be individually set for burglary or fire operation.

Programming

The SmartSensor point ID modules are factory programmed to Address 127. It is necessary to program them in numerical sequence for each installation. Programming is accomplished by putting the 4115 into Program Mode. SmartSensors can then be programmed by connecting them across the loop termi-

nals. Programming can be done in an automatic numerical sequenced mode or individually, such as when adding a sensor to an existing system. The 4115 conveniently mounts in the 4720 snap track and is supplied with an expansion bus cable.

Specifications

Dimensions

4 1/2 in. x 4 in.

Shipping Weight

6 ounces

Power Requirements

11 to 14 VDC at 100 mA with 64 sensors (provided by 4720)

Loop Wiring Distance

5,280 feet when using 18-gauge wire.
3,000 feet when using 22-gauge wire.

Accessories

- 4111P** SmartSensor with EOL resistor (for UL installations)
- 4114** EOL resistor assembly, 1.43 K-ohm is required with 4111P.



Model 4115 Serial Zone Expander

SECURITY SYSTEM ACCESSORIES

Model 4126 Hardwire Zone Expander

Features

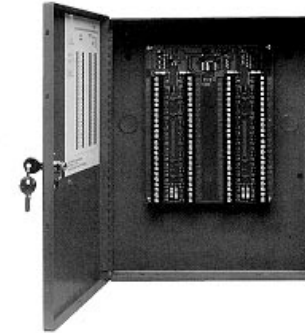
- Expands 4720 Control by 64 Zones
- Plugs into a Supervised Expansion Bus
- Ideal for Home Run Wiring Applications
- All Zones are Programmable
- Redesigned, Easy-to-Wire Terminals

Description

The Regency® Model 4126 Hardwire Zone Expander expands the number of individual zones that can be wired back to the Model 4720 Control Communicator. Each 4126 provides a total of 80 zones. Two 4126 Zone Expanders can be used with the 4720 as long as the panel's maximum zone count is not exceeded. Large easy-to-wire terminals are provided with two zone inputs sharing single zone common outputs. Depending on programming, the zone may utilize an end-of-line (EOL) resistor. The Model 4126 is housed in a lockable, steel cabinet and connects to the Model 4720 Control via the supervised expansion bus. An expansion bus cable is supplied with each Model 4126. The Model 4126 can be configured as Expander One or Expander Two by simply positioning a movable jumper block. Zone inputs are protected by transient suppressors.

Programming

Model 4126 zones are programmed through the master panel, Models 4720, 4724, or 4734. Model 4724 or 4734 expansion zones can be programmed normally open, normally closed, or both, making them suitable for virtually all types of UL fire and burglary applications. Model 4720 expansion zones can be programmed as normally open or normally closed (but not both), making them suitable for UL applications and for most (but not all) UL burglary applications. Zones are identified by the system for on-site display at any LCD touchpad. If the SIA standard reporting format is used, they are also reported individually to the central station.



Model 4126 Hardwire Zone Expander

Specifications

Dimensions

16 1/8 H in. x 12 1/4 in. W x 3 in. D

Shipping Weight

8 pounds

Color

Gray

Power Requirements

11 to 13 VDC at 100 mA (provided by 4720)

Listings and Approvals

UL Residential - Burglary and Fire
UL Commercial - Burglary and Fire

Accessories

- 7630** End-of-Line (EOL) Resistor Kit; 16 pieces total rated at 15 K-ohm. (One kit supplied with 4126.)



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