AS7001-00
4" Sensor Base

AS7002-00
6" Sensor Base

AS7001-00

AS7002-00

Standard Features

- UL Listed
- Designed for use with all NS analog sensors
- Available in 4 and 6 inch models
- Contains a security locking tab for tamper protection

Application

The AS7001 4" base and AS7002 6" base is designed for use with Avenger System style sensors models AS2010, AS2011 and AS2012**.**

Each base is connected to a Supreme Signaling Line Circuit (SLC) and provides easy replacement of sensors, without disturbing the wiring.

The bases are electronics free and contain a simple rugged design with screw terminals for wiring connections. A common mounting base allows sensor interchange and maintains loop continuity when sensors are removed. A simple anti-tamper head Locking system is provided which is enabled by removing a small plastic tab on the back of the sensor. Once locked, the head can only be removed using a small diameter screw driver.

Operation

The AS7001 4" base and AS7002 6" base is designed specifically for use with the Avenger Analog sensors, models AS2010 Heat Sensor, AS2011 Photoelectric Smoke Sensor and AS2012 Multi Criteria Heat Sensor.

The AS7001 and AS7002 common mounting bases allows for complete compatibility for all of the Avenger System Analog sensors.

The bases are lightweight and very thin, providing a low profile once installed. The solder-less screw terminals enable quick and easy wiring connections.

Engineering Specifications

The Dealer shall furnish and install where indicated on the plans, Avenger System AS2011 photoelectric sensors, AS2010 Heat Sensor or AS2012 Multi-criteria Sensor part number.

The selected sensor shall be attached to the AS7001 or AS7002 base and permit direct interchange between the listed sensors.

The vandal-resistant, security locking feature shall be used in those areas as indicated on the drawing. The locking feature shall be optional and can be implemented when required.

It shall be possible to perform a functional test of the sensor without the need of generating smoke. The test method shall simulate the effects of products of combustion in the chamber to ensure testing of internal circuitry.

NOTE: SLC maximum resistance is 50 ohms.

Technical Specifications

AS7001: 4" Sensor Base
AS7002: 6" Sensor Base
Security feature: Plastic Tamper-Lock
Color & Case Material: Bone PC / ABS Blend
Compatible Sensors: AS2010, AS2011, AS2012

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VERSION 3.01 - 2017/09