6″ Analog Sounder Base

VF7018-00

Number of Bases Permitted	
# Bases in Alarm	Max. Auxiliary 24VDC Power Wire Resistance (Total Run Length)
10	18.3 ohm
15	12.2 ohm
20	9.1 ohm
30	6.1 ohm
50	3.6 ohm
60	3.0 ohm
75	2.4 ohm
127	1.4 ohm

NOTE SLC maximum resistance is 50 ohms.

Standard Features

- UL Listed
- Updated design compatible with all existing analog sensors and new UL268 7th edition sensors
- Programmable evacuation codes - Continuous, March, ANSI Temporal 3
- Base learns the sensor address and assumes an upper range address (128-254)
- Up to 127 sensors and 127 VF7018s can be used on one SLC loop
- Can be alarmed or reset by zone or by individual address
- SLC loop wire resistance = 50 ohms Max. (total SLC wire run length)
- High sound pressure level (85dB SPL at 10 feet)

Operation

The VF7018 base is designed specifically for use with the VES Analog sensors, models VF2001 Ionization Smoke Sensor, VF2002, VF2005, VF2011 and VF2015 Photoelectric Smoke Sensor, VF2003 and VF2010 Heat Sensor, and VF2008, VF2012 and VF2014 Multi-Criteria Sensors.

The VF7018 sounder base allows for complete compatibility for all of the VES Analog sensors.

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

Addressing is automatically provided by the attached Sensor. The device is configurable through Loop Explorer Programming Software.

Application

Th VF7018 Analog Sounder Base is designed for use with Elite analog style sensors models VF2001, VF2002, VF2003, VF2005, VF2008, VF2010, VF2011, VF2012, VF2014 and VF2015. Each addressable base is to be connected to a VES DCP Signaling Line Circuit (SLC).

The VF7018 provides an audible alarm in the immediate vicinity. Typical applications are use in hotels, apartments, and hospitals.

The VF7018 has a highly configurable programming algorithm that allows the user to setup groups of bases for synchronization of modulation tones. Each device has 16 states that are programmed with the desired output pattern to be used (e.g., “Temporal” or “March”) for each state.

Engineering Specifications

The Dealer shall furnish and install where indicated on the plans, models VF2001 Ionization Smoke Sensor, VF2002, VF2005, VF2011 and VF2015 Photoelectric Smoke Sensor, VF2003 and VF2010 Heat Sensor, and VF2008, VF2012 and VF2014 Multi-Criteria Sensors.

The base shall permit direct interchange with the models VF2001 Ionization Smoke Sensor, VF2002, VF2005, VF2011 and VF2015 Photoelectric Smoke Sensor, VF2003 and VF2010 Heat Sensor, and VF2008, VF2012 and VF2014 Multi-Criteria 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.

Technical Specifications

Operating Voltage	17-41 VDC
SLC Loop Idle Current	170 µA
SLC Loop Max Alarm Current	170 µA
Device Aux Power Minimum Voltage	16-31 VDC
Auxiliary Current	550 uA (Idle) / 18mA (Alarm)
Maximum Humidity	up to 93%, non-condensing
UL Ambient Installation Temperature Range	32° F to 100° F
Operating Temperature Range	32° F to 100° F
Sound Pressure Level	85 dB @ 10'
Color and Case Material	Bone PC / ABS Blend
Weight	0.455 lb
Dimensions	5.9" (Diameter), 1.3" (Height)