Ancillary Base Sounder

ESI-10

Instruction Sheet

R10045GB3

Schneider Electric
www.se.com/buildings

R10045GB3
October 2023

© 2021-2023 – Schneider Electric. All Rights Reserved. This information is only to be used as guidance. Subject to changes and errors.

Contents

Safety Information 4

Related Information 4

1 Ancillary Base Sounder ESI-10 4

1.1 Electrical considerations 4

1.2 Tone frequency and volume control 4

1.3 Addressing 5

2 Schematic Diagram & Wiring Connections 5

2.1 Product codes 5

Safety Information

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

A qualified person is one who has skills and knowledge related to the construction, installation, and operation of electrical equipment and has received safety training to recognize and avoid the hazards involved.

Related Information

For technical specifications, please refer to the Product Datasheet for FFS06728010 on se.com.

1 Ancillary Base Sounder ESI-10

The Sounder Base and Sounder Visual Indicator Base are a local-area alarm devices designed for indoor use. They can be connected only to detection systems using Intellia detectors and FDP control panels with appropriate software. The Intellia series of products are all compatible with the ALC-board of an FDP-panel.

The Ancillary Base Sounder ESI-10 (FFS06728010, FFS06728010SA) is a local-area sounder designed for indoor use. It can be connected only to detection systems using Intellia detectors and FDP control panels with appropriate software.

The sounder incorporates a base into which a loop powered visual indicator or an Intellia detector is fitted. It is powered by the control panel via the loop wiring to which it is connected. Since the sounder is switched by the remote indicator output of the associated detector or visual indicator no remote indicator facility is available.

A guaranteed sound output of 85 dB(A) at 1 meter is achieved at a current consumption of only 3 mA. The sounder generates very low current noise so that up to 126 sounders may be connected to a loop.

1.1 Electrical considerations

The Ancillary Base Sounder ESI-10 is loop-powered and requires no external power supply. It operates at 17 – 28 VDC.

1.2 Tone frequency and volume control

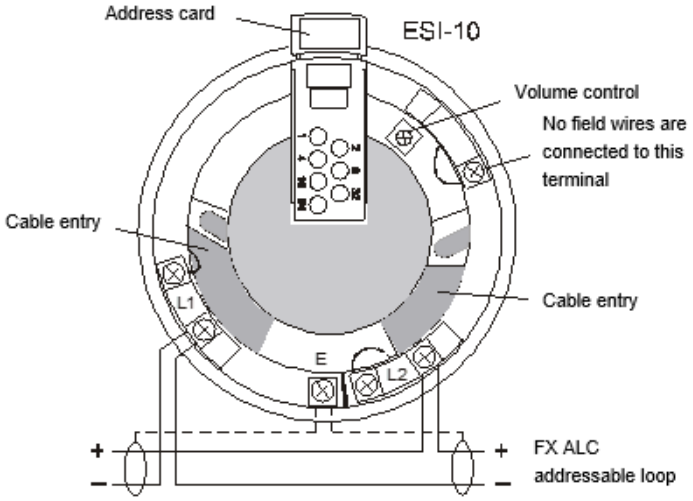
The sounder produces an uninterrupted alternating tone of 990 Hz for 0,5 seconds and 630 Hz for 0,5 seconds. The volume control can be used to adjust the sound steplessly from 70 dB(A) to 85 dB(A). It should be noted that these sounders do not have a synchronisation feature or pulsed tone.

1.3 Addressing

The Ancillary Base Sounder responds to signals from the associated detector or visual indicator. It does not have an address of its own.

2 Schematic Diagram & Wiring Connections

Ancillary Base ESI-10



L1 = Loop –
L2 = Loop +
E = Earth (screen) continuity terminal

Note!
L1 and L2 are polarity sensitive.

2.1 Product codes

Product name	**Product code**
Ancillary Base Sounder ESI-10	FFS06728010 FFS06728010SA
Integrated Base Sounder ESI-20	FFS06728020
Integrated Base Sounder ESI-30	FFS06728030
Integrated Sounder Visual Indicator Bases ESI-60	FFS06728060
Installation Accessories	**Product code**
Spacer for surface installation	FFS06728093
Red cap	FFS06728091
White cap	FFS06728092