

Integrated Base Sounder ESI-20 and ESI-30

Instruction Sheet
R10046GB4



Schneider Electric

www.se.com/buildings

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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 FFS06728020 and FFS06728030 on se.com.

1 Integrated Base Sounder ESI-20 and ESI-30

The Sounder Base (FFS06728020 and FFS06728020SA) and Sounder Visual Indicator Base (FFS06728030 and FFS06728030SA) are local-area alarm devices designed for indoor use. They can be connected only to detection systems using Intellia detectors and Esmi Sense FDP or FX 3NET control panels with appropriate software.

The Intellia series of products are all compatible with the ALC-board of fire alarm panel.

The sounders offer:

- two volume ranges 55 – 75dB(A) and 75 – 91dB(A)
- synchronization of 'alert' and 'evacuate' tones
- individual and group addressing
- available with or without built-in isolator
- unique acoustic self-test
- short circuit isolator (ESI-20)

The low volume range is useful in areas such as hospitals where a fire alert is initially intended to warn staff only. The sounder is set to the high range for general use.

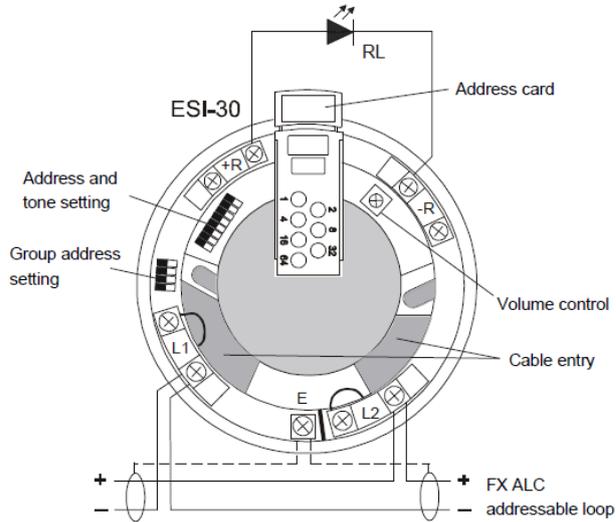
The acoustic self-test means that the sounder listens to itself when it is switched on. If no sound is detected a fault signal is transmitted when the sounder is polled.

1.1 Addressing

The integrated base sounder responds to its own individual address set with a DIL switch.

1.2 Schematic Diagram & Wiring Connections

Integrated Base Sounders ESI-30 and ESI-20

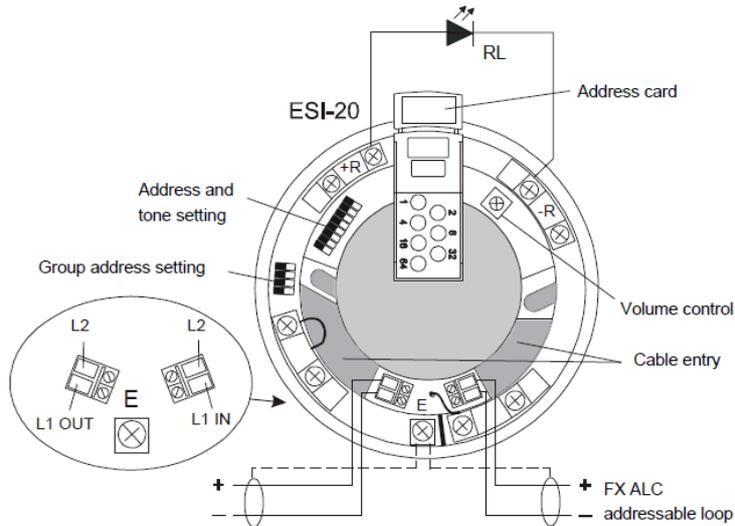


L1 = Loop –
L2 = Loop +
E = Earth (screen) continuity terminal
+R = Remote LED +
-R = Remote LED –

RL = Remote LED

Note!

L1 and L2 are polarity sensitive.



L1 OUT = Loop – out
L1 IN = Loop – in
L2 = Loop +
E = Earth (screen) continuity terminal
+R = Remote LED +
-R = Remote LED –

RL = Remote LED

Note!

L1 and L2 are polarity sensitive.

1.3 Product Codes

Bases	Product code
ESI-20 (short circuit isolator)	FFS06728020 and FFS06728020SA
ESI-30 (no isolator)	FFS06728030 and FFS06728030SA
Installation Accessories	Product code
Spacer for surface installation	FFS06728093
Red cap	FFS06728091
White cap	FFS06728092