

Integrated Base Sounder ESI-20 and ESI-30

Instruction Sheet
R10046GB2



Schneider Electric Fire & Security Oy

Sokerilinnantie 11 C
FI-02600 Espoo, Finland
Tel: +358 10 446 511
Website: www.se.com
Document number: R10046GB22
Published: 08.10.2020

© 2020 – Schneider Electric. All Rights Reserved. This information is only to be used as guidance. Subject to changes and errors.

Contents

1	Integrated Base Sounder ESI-20 and ESI-30	4
1.1	Addressing	4
1.2	Schematic Diagram & Wiring Connections	5
1.3	Product Codes	5

1 Integrated Base Sounder ESI-20 and ESI-30

Intellia Sounder Bases and Sounder Visual indicator Bases

The Sounder Base and Sounder Visual Indicator Base 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)
- synchronisation 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.

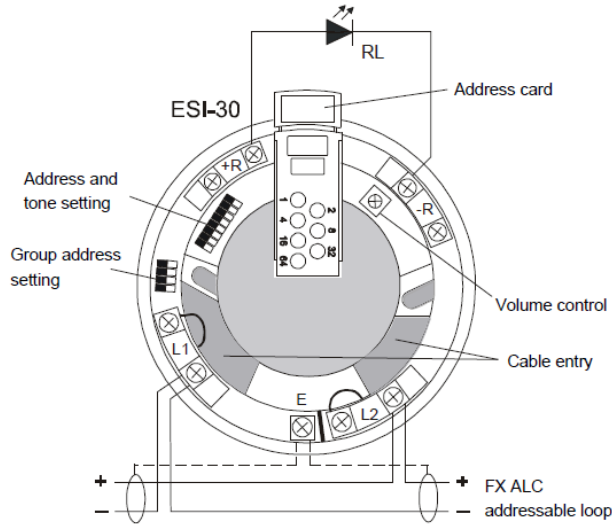
The acoustic self-test means that the sounder listens to itself when it is switched on. If no sound is detected a fault signal is transmitted when the sounder is polled.

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

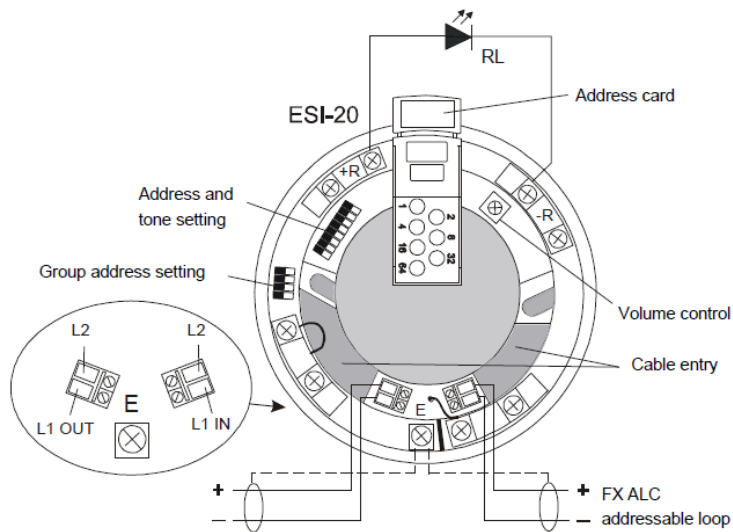


L1 = Loop –
L2 = Loop +
E = Earth (screen) continuity terminal
+R = Remote LED +
-R = Remote LED –

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)	FFS0672 8020 and FFS0672 8020SA
ESI-30 (no isolator)	FFS0672 8030 and FFS0672 8030SA
Installation Accessories	Product code
Spacer for surface installation	FFS0672 8093
Red cap	FFS0672 8091
White cap	FFS0672 8092

Schneider Electric reserves the right to modifications.