

Conventia Mounting Bases

EBC-10

EBC-11

Instruction Sheet

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Schneider Electric
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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 FFS06724010 and FFS06724011 on se.com.

1 **Conventia Mounting Bases EBC-10 and EBC-11**

The Conventia Mounting Base EBC-10 (FFS06724010) and EBC-11 (FFS06724011) are compatible with the CLC loop interface (FFS00702512).

The Conventia mounting base has been designed to make installation fast and simple. The E-Z fit fixing holes are shaped to allow a simple three-step mounting procedure:

- Fit two screws to the mounting box or surface
- Place the base over the screws and slide home
- Tighten the screws

The base offers two fixing centres at 51 and 60mm. A guide on the base interior indicates the length of cable to be stripped. Five terminals are provided for the cables, four being grouped together for ease of termination.

The terminal screws are captive screws and will not fall out of the terminals. The base is supplied with the screws unscrewed in order to avoid unnecessary work for the installer.

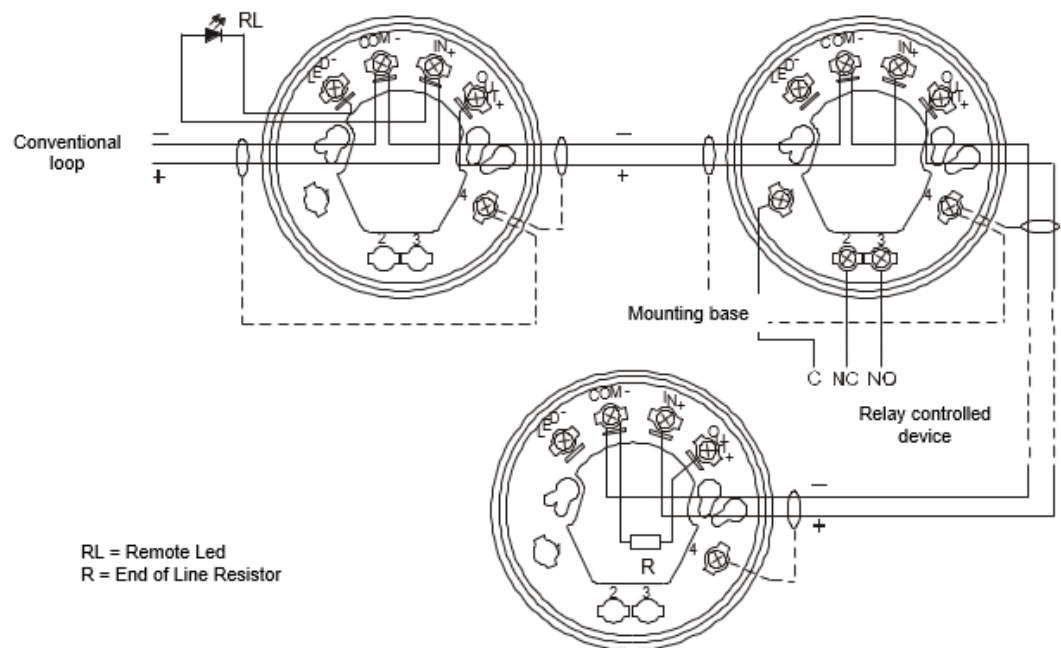
The end-of-line resistor or active device should be connected between the OUT+ and COM- terminals.

If it is required that all detectors be fitted with their LEDs facing the same direction the bases must be fitted to the ceiling observing the marking on the exterior which indicates the position of the LED.

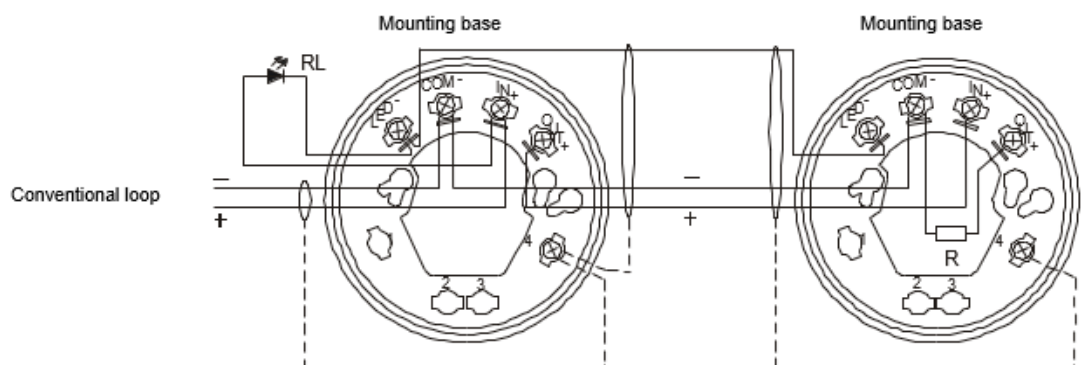
Remote LEDs can be connected to bases, if required.

1.1 Schematic Diagram & Wiring Connections

1.1.1 2 mounting bases and a relay base



1.1.2 2 mounting bases wired with a common LED



1.2 Terminals

Mounting base	
LED-	Remote Led -
Com-	Loop in- Loop out - End of Line Resistor
IN+	Loop in +
OUT+	Loop out +
1	Not Used
2	Not Used
3	Not Used
4	Functional earth (screen)

1.3 Product Codes

Description	Product code
Standard Mounting Base EBC-10	FFS06724010
Deep mounting base EBC-11	FFS06724011
Compatible detectors	
Optical smoke sensor EDC-20	FFS06724620
Multisensor EDC-30	FFS06724621
Heat detector EDC-50/A1S	FFS06724651
Heat detector EDC-50/A2S	FFS06724652