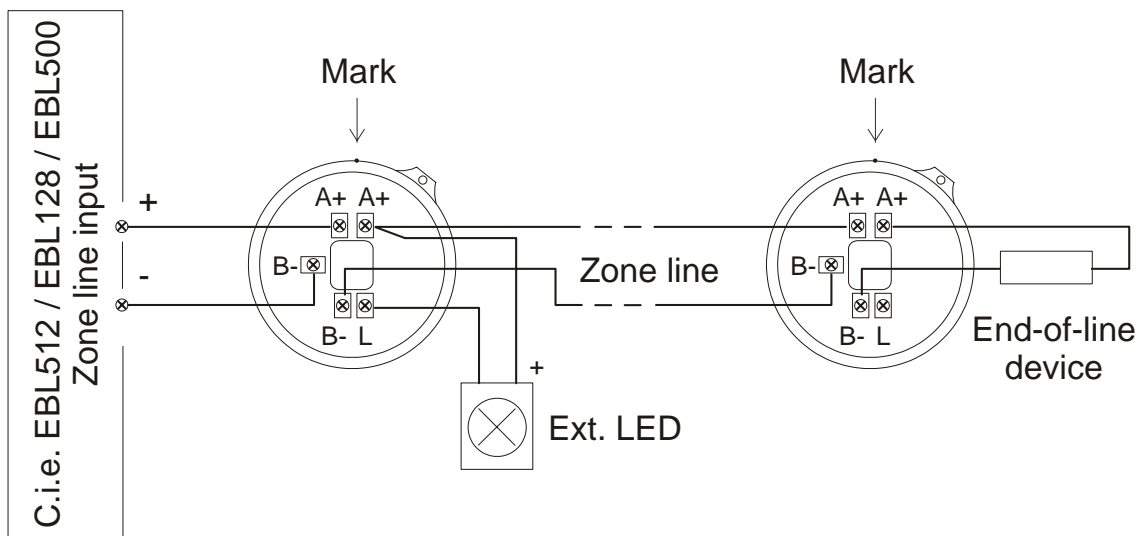


## Engineering Instructions for detectors Type 435x.



Zone line input in system EBL512: 8 zones expansion board 1580 in the c.i.e. or I/O unit 3361 connected on the COM loop.

Zone line input in system EBL128: 8 zones expansion board 4580 in the c.i.e. or I/O unit 3361 connected on the COM loop.

Zone line input in system EBL500: Zone line input or 8 zones expansion board 1580 in the c.i.e.

### 1. Mounting of the conventional base 2324

The base is mounted in the ceiling with two screws. In case of open wiring (surface mounted base), cut the required number of knockouts for the cables, on the side of the base (before the mounting).

### 2. Wiring

Use single copper wire, 0.6 - 1.2 mm in diameter. Strip its coating by 10 mm.

#### **Incoming wires**

Put the wire into the screw terminal respectively according to the figure.

Connect the + line from the "zone line input" to the **A+** terminal in the base and the - line to the **B-** terminal in the base according to the figure. Tighten the terminal screws firmly.

#### **Outgoing wires or End-of-line device<sup>1</sup>**

Put the wire into the screw terminal respectively according to the figure.

Connect the + line to the "next detector" or the End-of-line device to the other **A+** terminal in the base and the - line or the End-of-line device to the other **B-** terminal in the base according to the figure. Tighten the terminal screws firmly.

#### **External indicator (LED)**

One external indicator (LED) can be connected to the **A+** and **L** terminals in the base according to the figure.

**NOTE!** The polarity is important, i.e. connect the ext. LED + to the terminal A+ etc.

### 3. Plugging the detector in the base

All terminal screws have to be tightened firmly, also not used screws.

Place the detector in the base with the detector's "Mark" in the same position as the "Mark" on the base and turn the detector **clockwise**.

<sup>1</sup> 3K3, 4K7, 10K or 470 nF depending on the type of "zone line input".