

# BF318

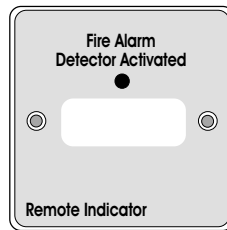
## REMOTE INDICATOR



THIS EQUIPMENT MUST BE INSTALLED BY A SUITABLY SKILLED & TECHNICALLY COMPETENT PERSON

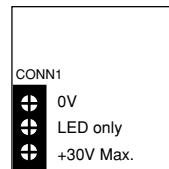
### GENERAL

The BF318 is a high quality LED indicator specifically designed for use in fire alarm systems. It incorporates a high-intensity wide-angle red LED which is clearly visible from the front of the plate when active. Its primary use is to indicate the activation of hidden or out-of-sight fire detectors. The front label includes a white 'write on' panel allowing installers to add their own personalised text such as equipment locations. The unit will fit on 16mm deep flush or surface mount back boxes.



### CONNECTIONS FROM A FIRE DETECTOR BASE

Refer to the detector manufacturers' instructions prior to installation to verify the connections from the detector base. Only use the designated connections. Failure to do so may result in non-working detectors and/or destroy the BF318.



INTERNAL PCB LAYOUT

As the detector head's outputs are already current limited, to ensure maximum brightness and visibility they should be connected directly to the LED via the BF318's **0V** and **LED only** terminals.

Connect the detector base's negative or low remote LED connection to the BF318's **0V** input.

Connect the detector base's positive or high remote LED connection to the BF318's **LED only** input.

### CONNECTIONS FROM A NON-CURRENT LIMITED SOURCE

If connecting the BF318 to a non-current limited source (i.e. a fire alarm sounder circuit), you must use the BF318's **0V** & **+30V d.c. Max.** inputs (the +30V d.c. Max. input has an in-built current limiter to prevent damage to the unit). Failure to connect a non-current limited source in this way may render the BF318 inoperable.

### TECHNICAL SPECIFICATION

Current rating using '0V' & 'LED only': This is dependent on the type/make of detector used. Refer to the detector manufacturers' instructions for details.

Current rating using '0V' & '+30V Max': 10mA @ 30V d.c. (Max);  
1.3mA @ 6V d.c. (Min).

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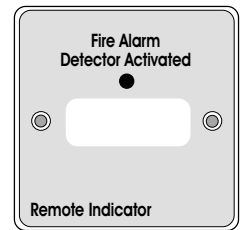
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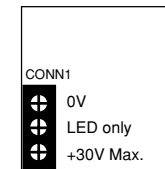
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