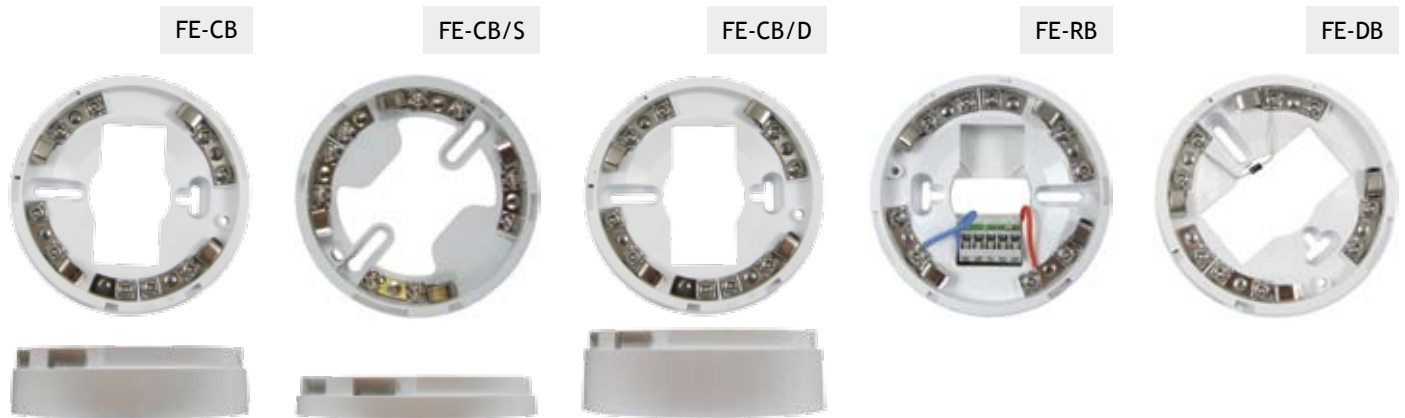


Fyreye Conventional Detector Bases

(FE-CB, FE-DB, FE-RB)



There are 3 types of base available for the Fyreye conventional range of detectors namely common base, diode base and relay base.

The Fyreye common base and diode base are available in standard, shallow or deep versions.

The common base is used on systems that do not need to keep line integrity on head removal and also on addressable systems.

The diode base is used on systems that do need line integrity on head removal. This would include all conventional systems that mix detectors & call points on the same line (please note that the Premier M Plus panels will need an active end of line to work with diode bases).

The relay base is mainly used on 12V security systems to signal detector operation to the panel. They can

also be used on 24V fire systems where the activation of a particular detector requires a signal to nearby equipment (for instance door holders).

Please note that a remote led indicator cannot be used with a relay base as the detector cannot sink enough current to operate both.

Model	FE-CB	FE-CB/S	FE-CB/D	FE-DB	FE-DB/S	FE-DB/D	FE-RB
Part No.	80-050	80-050S	80-050D	80-052	80-052S	80-052D	80-054
Type	Common base			Diode base			Relay base
Supply Voltage	9-33V DC						24V DC
Quiescent Current @ 24V	0µA						
Alarm Current @ 24V	0mA						15mA
Relay Max Switching Power	N/A						30W, 50VA
Relay Max Switching Power	N/A						30W, 50VA
Relay Max Switching Current	N/A						1A resistive
Relay Max Switching Voltage	N/A						50V AC
Relay Minimum Capability	N/A						10µA, 10mV
Relay Dropout Voltage	N/A						<6V
Operating Temperature	-20°C to 90°C (non-condensing or icing)						
Max. Wind Speed	Not affected						
Connections	L1in, L1out, L2, -R & Earth						
Size	100 x 15mm	100 x 8mm	100 x 25mm	100 x 15mm	100 x 8mm	100 x 25mm	100 x 15mm
Weight	48g	42g	61g	48.2g	42.2g	61.2g	171.4g