Data and Installation

Base for ES Detect range
(805590-D)

Honeywell

The Base (805590-D) is for use with compatible ES detect range of conventional fire detectors, which can be used on zone circuits of compatibale conventional fire panels, mains powered interfaces and LV interface.

Technical data

Ambient temperature	-20°C to +54°C
Ambient humidity	< 95% relative humidity (non condensing)
Storage temperature	-25°C to +70°C
Terminals	1.5mm^2 to 2.5mm^2
Housing	ABS-V0
Colour	White (RAL 9010)
Weight	60g approximately
Dimensions	Depth 24 mm x 115 mm diameter

Compatible fire detectors

| Part Ref	Description
800171	Fixed Heat detector
800177	Fixed Heat Class B detector
800271	Rate of Rise Heat detector
800371	Optical detector
800374	Dual Angle Optical detector
781814	Remote indicator

Do's and Dont's
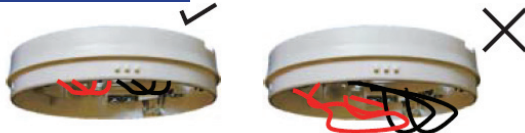
Base fixing points
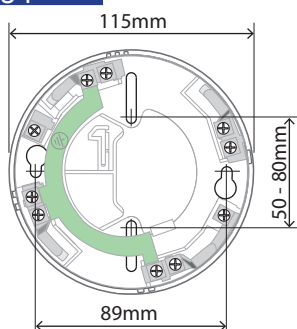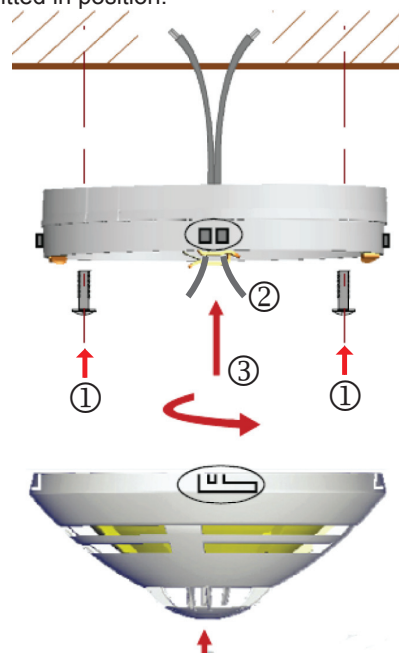

Locking

To lock a detector to the base, remove the locking insert ① and fit it in position ②. Cut away at ③ to ensure removal of detector from base.
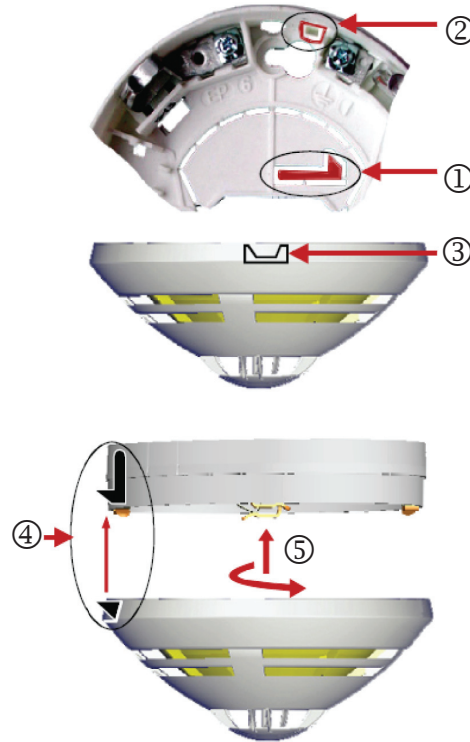
To unlock a locked detector, push back the locking insert ④ to disengage the detector from base and turn the detector anticlockwise to remove.
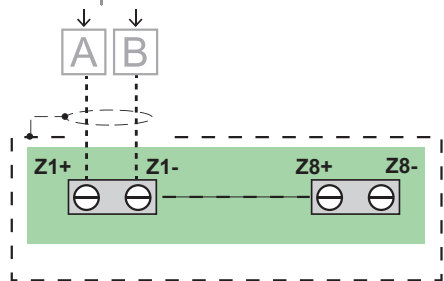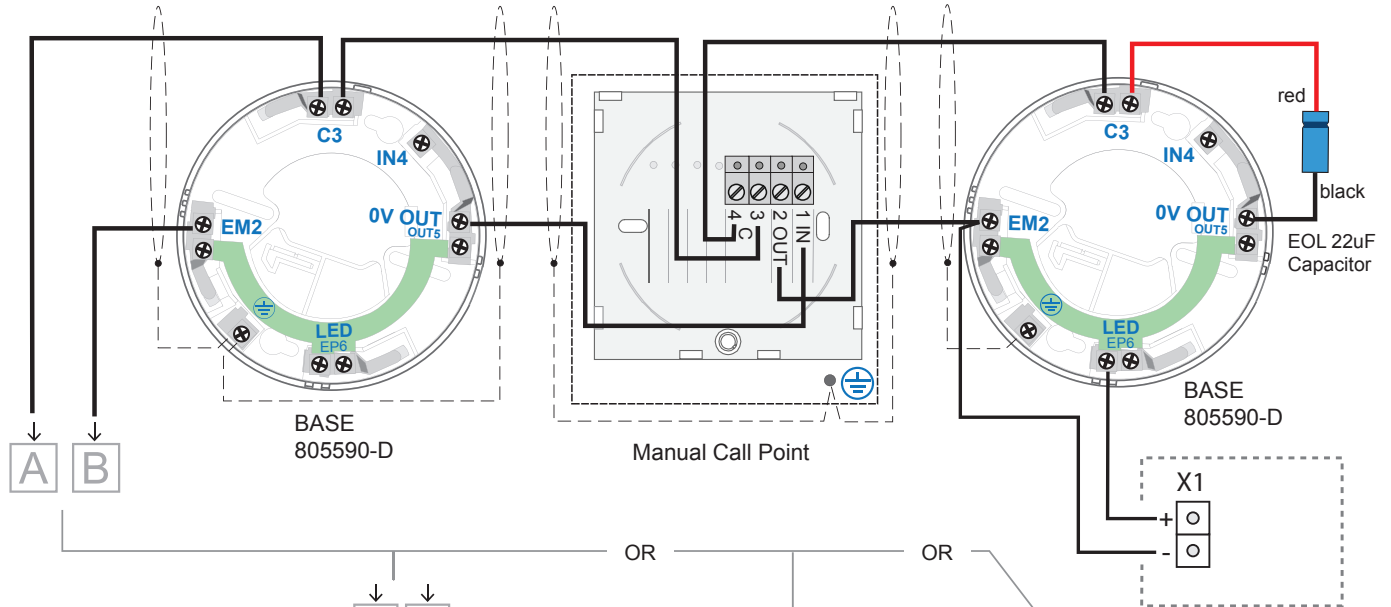
Mounting

Insert cables through the base ②, fix the base to ceiling ① using suitable fixing and connect cables, see wiring. Place the detector on base ③ with slight pressure turn detector until it drops into the base, continue turning until you feel/hear it is fitted in position.
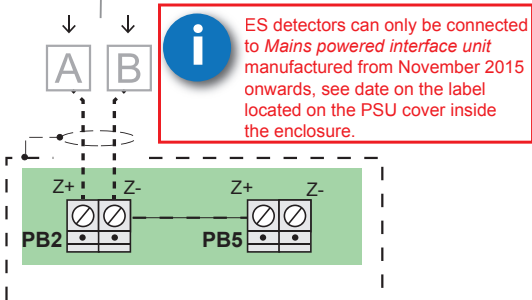
Base for ES Detect range

C3
IN4
EM2
0V OUT
OUT5
LED
EP6
BASE
805590-D

Manual Call Point

C3
IN4
EM2
0V OUT
OUT5
LED
EP6
BASE
805590-D

red
black
EOL 22uF Capacitor

A B

X1
+
−

OR   **OR**

A B

Z1+   Z1-   Z8+   Z8-

Wiring to a Zone of a Conventional fire panel

GENT Xenex Panels	SMS FP585 panels
13270-02LB	75585-02NMB
13270-04LB	75585-04NMB
13270-08LB	75585-08NMB

A B

ℹ️ ES detectors can only be connected to *Mains powered interface unit* manufactured from November 2015 onwards, see date on the label located on the PSU cover inside the enclosure.

Z+   Z-   Z+   Z-
PB2   PB5

Wiring to a Mains interface unit installed in a Vigilon or SENTRI fire panel based system

GENT range	SMS range
S4-34440-02	78302-02NM
S4-34440-12	

Remote LED Unit
781814

A B

Channel 1
Z+   Z-

12 11 10 9   8 7 6 5   4 3 2 1
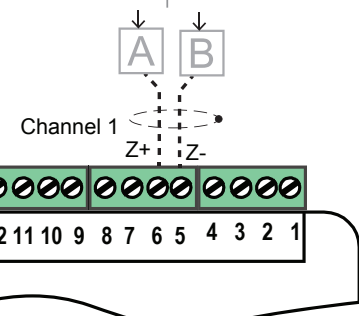
Wiring to an LV interface unit installed in a Vigilon or SENTRI fire panel based system

GENT LV Interfaces:	SMS LV interfaces:
S4-34410	SEN-INT-INPUT
S4-34450	SEN-INT-4IO

ℹ️ Only channel 1 (terminals 5 & 6) can be configured as zone input.

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