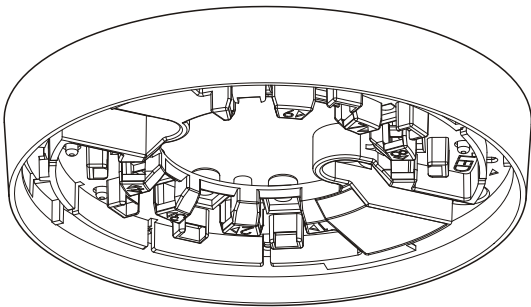


ZP7-SBB Standalone Base Installation Sheet



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Description

The Standalone Beacon Base (SBB) is a surface mounting base compatible with the Z700 series of detectors. Physically it can fit the addressable standalone beacon. The base is suitable for fitting to a Z-AUX2 Auxiliary Base. Automatic locking is provided for use with a device enabled for head locking.

Forming an integral part of the overall beacon assembly, the SBB is provided with slots for screw fixing to either surface wiring plates, or conduit boxes with screw fixing centres between 50 mm and 90 mm.

The SBB features robust wiring terminals with captive clamping washers to ensure secure wiring termination. The bases are of shallow design with ample space to accommodate cables of all types. Terminals are provided inside the moulding for loop connections and the termination of cable screening. Provision is also made for the connection of a remote LED when required.

The unit is designed to comply with BS 5839.

Installation

WARNING: Electrocution hazard. To avoid personal injury or death from electrocution, remove all sources of power and allow stored energy to discharge before installing or removing equipment.

Mounting the beacon base

Two screw holes for screws Ø 5 mm max., with slots shouldered for screw head Ø 9 mm max., are provided for mounting the beacon base to the ceiling, wall or conduit box (see Figure 1).

Note: The screw head height should be 4 mm max.

Mounting the beacon

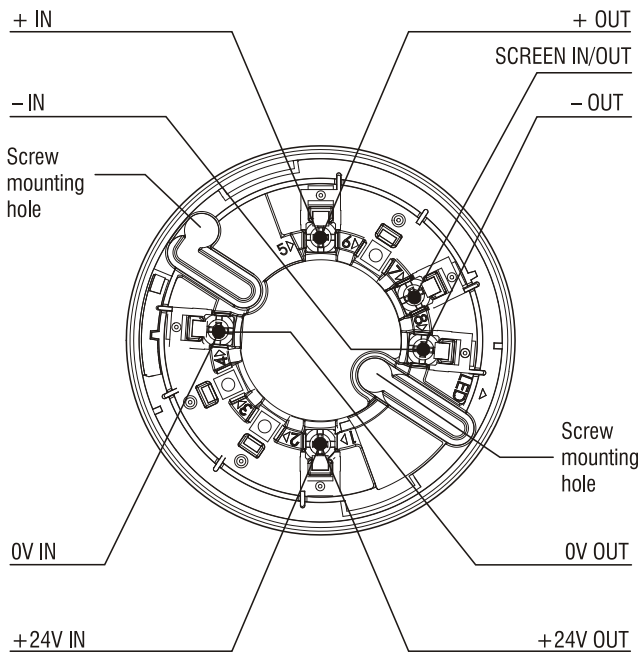
Align the standalone beacon to the beacon base, push up and rotate the beacon clockwise until it clicks into place.

Wiring

Figure 1 shows the loop wiring for the beacon base terminals. See Table 1 for the terminal designations.

There is no wiring between the standalone beacon and the beacon base.

Figure 1: Wiring the beacon base



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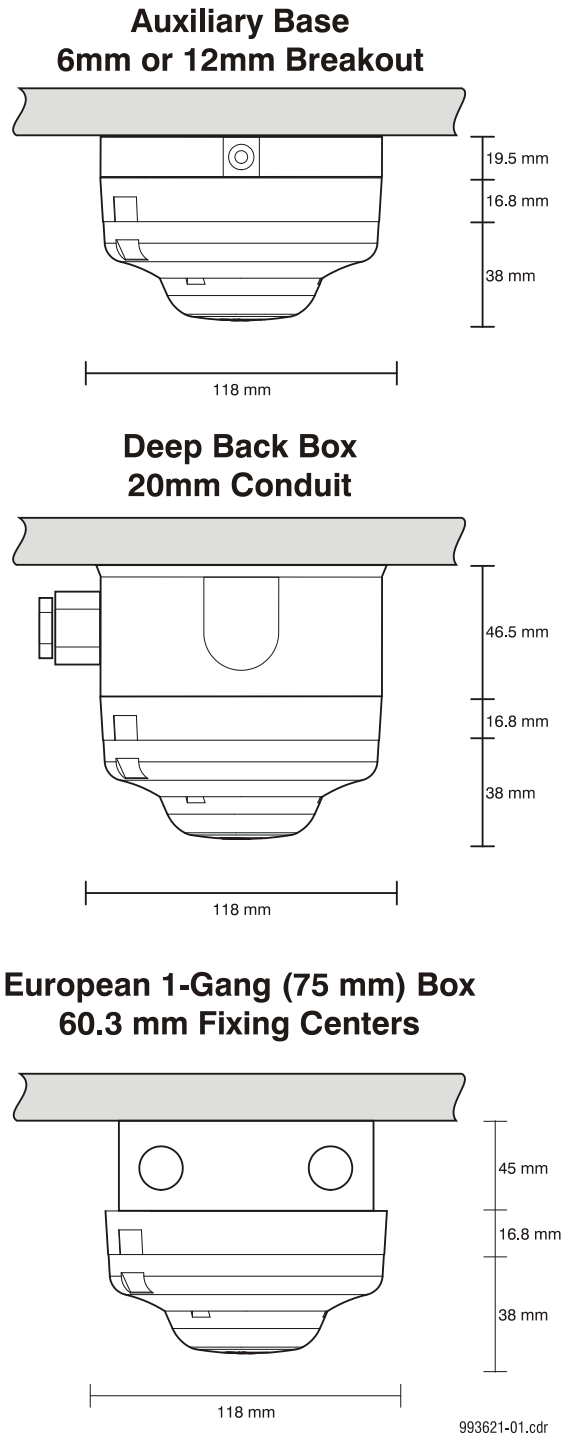
Table 1: Terminal designations

Terminal	Designation
1	+24V IN/OUT
4	0V IN/OUT
5	(+) IN/OUT
7	SCRN IN/OUT
8	(-) IN/OUT

Mounting Diagrams

See Figure 2 for some typical mounting diagrams.

Figure 2: Typical mounting diagrams



Specifications

Compatibility	Z700 series sensors and Z-Aux-2 auxiliary base
Mounting	Conduit box or surface wiring plate (mounting centres 50 – 90 mm)
Wiring	2-wire zonal – open circuit monitored terminals for remote LED
Remote LED terminal	Yes
ZP line voltage	16-22 V
Altitude range	0-6000 m
Material	Moulded ABS
Colour	White
Environmental	
Operating temperature	–20 to +55°C
Relative humidity	10 to 95% (noncondensing)
Weight	40 g
Dimensions (Ø × H)	Ø 108 mm x 17 mm

Regulatory information

Conformity	
Manufacturer	KGS Safety System (Hebei) Co. Ltd., 80 Changjiang East Road, QETDZ, Qinhuangdao 066004, Hebei, China. Authorized EU manufacturing representative: KGS Fire & Security B.V., Kelvinstraat 7, 6003 DH Weert, Netherlands.

Contact information and product documentation

For contact information or to download the latest product documentation, visit firesecurityproducts.com.

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