Fire Panels - Acessories

Addressable Beacon

Model 4380

- Low current consumption thanks to LED Technology
- Swallow or deep base
- Connected directly on the COM loop

General

The LED beacon is a visual alarm device (strobe) and normally used as a complement to audible alarm devices. It is of type A for indoor use. All electronics, the LEDs and the lens are mounted in a red ABS housing.
The beacon comes with a shallow base (IP21C). A deep base 4382 is an option that gives the beacon a higher IP protection (IP33C).
Both bases are with bayonet style detents and they have a locking screw.
The COM loop is connected directly to the beacon via a 4-way screw terminal block (2 in / 2 out).

Light Output

The beacon light output is 1 Cd.

Flash rates

The beacon flash rate is1 Hz.

Address & Mode Setting

The address setting tool 3314/4414 is used for COM loop (technical) address setting and also to set the mode.

The **NORMAL** mode: Shall be used for 4380 in all systems.

Two flying leads (wires) are connected to the terminal block, for connection of the address setting tool's connection cable. The wires shall be removed before the COM loop wires can be connected.

Miscellaneous

The beacon is powered from the COM loop, i.e. the number of beacons is dependent on the type and number of other units connected on the same COM loop. Maximum 10 units can be connected to a COM loop.

Product Applications

4380 is used in the **fire**tracker systems **FT128V2** (SW version ≥v2.x.x and **FT1020G3**. The beacon is intended for indoor use and in dry premises (if the deep base is not used).
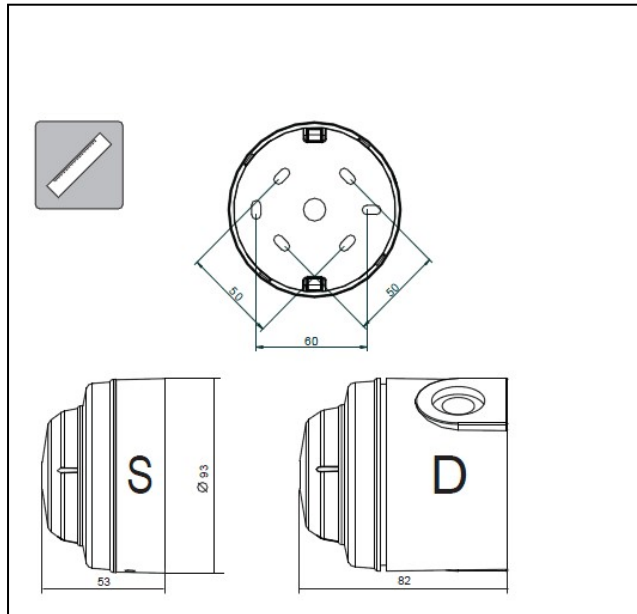
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Type Numbers	
4380	Addressable beacon with shallow (S) base.
4382	Deep (D) base for 4380

Deep Base (D) 4382

J1: 1   2   3   4
     SA SB SA SB

L (SA)
C (SB)

L (SA)
C (SB)

4380 back--side view

The LED beacon 4380 comes with the **swallow base** (S), which can be replaced with the **deep base** (D) 4382 that has two 20 mm knockouts for cable glands.
The screw terminals are for < 2.5 mm2 (Ø = 1.75 mm) wires.

Technical Data	
Voltage (VDC) Rated Allowed Normal	24 12-28 24
Current consumption from COM loop At norn. Volt. (MA) Quiescent Active	1.7 5
Ambient temperature (ºC) Operating storage	-10 to +55 -25 to +70
Ambient temperature (% RH)	Max. 95, non condensing
Ingress Protection Rating	Swallw base: IP 21C Deep base: IP 33C
Light Output (Cd)	1
Flash rate (Hz)	1
Weight (g)	75 + 30 / 60 (beacon + swallow base / deep base
Colour	Red (ABS plastic case / box and PC lens)
Approvals	*CE*

Note! All current consumptions are valid by 24 V DC (nominal voltage) at 25ºC.
All technical features and datasheets to change without notice, resulting from Continuous develptments and improvement.

E & OE As our policy is one of continuous product development, we reserve the right to alter product details without prior notice.   DS4380 10/11/14
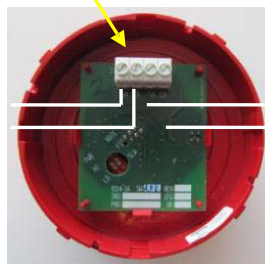
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