



Fire alarm systems Addressable beacon 4380

- Low current consumption thanks to LED technology
 - Shallow (20 mm) or deep (50 mm) base
 - Connected directly on the COM loop
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General

The LED beacon is a visual alarm device 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 beacon is connected directly to a COM loop via a 4-way screw terminal block (2 in / 2 out). Up to ten beacons can be connected on each COM loop.

Light output

The beacon light output is 1 Cd.

Flash rates

The beacon flash rate is 1 Hz.

Address & Mode setting

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

- **NORMAL** mode: Shall be used for 4380 in all systems.
- **2330** mode: Cannot be used.
- **2312** mode: Cannot be used.

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.

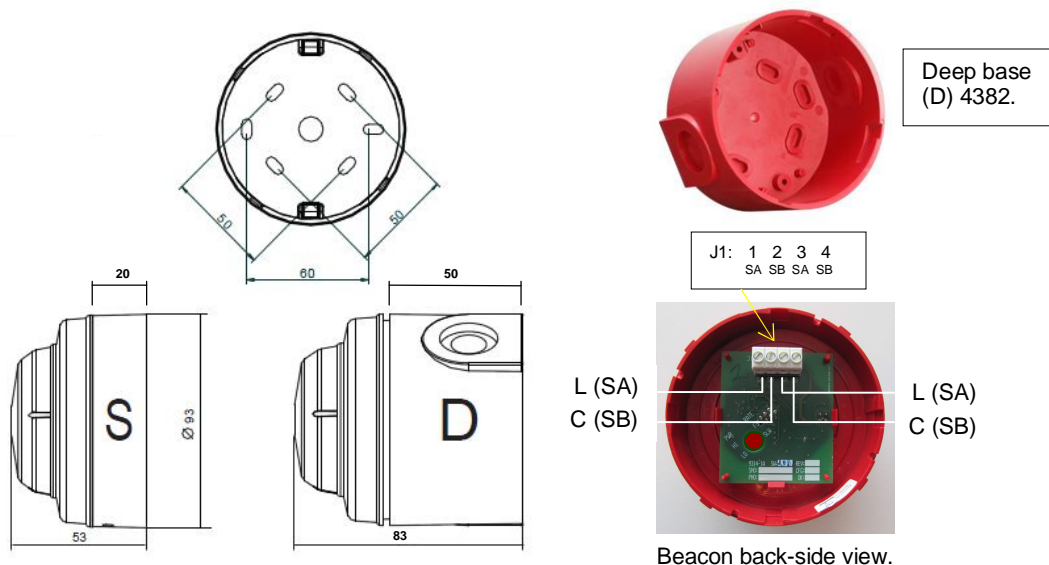
Miscellaneous

The beacon is power supplied via the COM loop, i.e. the number of beacons is depending on the type and number of other units connected on the same COM loop.

Product applications

4380 is used in the systems **EBL128** (SW version $\geq 1.2.x$), **EBL512** (SW version $\geq 2.7.x$) and **EBL512 G3**. The beacon is intended for indoor use and in dry premises (if not the deep base is used).

Type numbers	
4380	Addressable beacon with shallow (S) base.
4382	Deep (D) base for 4380.



The LED beacon 4380 comes with the **shallow 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 $\leq 2.5 \text{ mm}^2$ ($\varnothing = 1.75 \text{ mm}$) wires.

Technical data	
Voltage (V DC)	
rated	24
allowed	12-28
normal	24
Current consumption from COM loop at norm. volt. (mA)	
quiescent	1.7
active	5
Ambient temperature (°C)	
operating	-10 to +55
storage	-25 to +70
Ambient humidity (% RH)	Max. 95, non condensing
Ingress Protection rating	Shallow base: IP 21C Deep base: IP 33C
Light output (Cd)	1
Flash rate (Hz)	1
Weight (g)	75 + 30 / 60 (beacon + shallow 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 25° C.

All technical features and data are subject to changes without notice, resulting from continuous development and improvement.

Product Leaflet	Date of issue	Revision / Date of revision
MEW01303	2010-12-06	1 / 2010-12-08