CASB493/WP, CASB483/WP -
Intelligent addressable wall sounder visual alarm device (VAD)

A market-leading sounder and the latest EN 54-23 compliant beacon; providing clear audible and visual signalling in the event of an emergency.

The intelligent addressable wall sounder visual alarm device (VAD) offers an impressive performance and a proven, durable design that you can rely on.

The CASB493 is suitable for fire notification in commercial buildings. The CASB493WP is a weatherproof alternative with an IP66 ingress protection rating, making it suitable for wet and outdoor environments.

**Features and benefits**

- Compliant to the latest standards (EN 54-23)
- LED technology for long service life and low current consumption
- Coverage switch feature; switch from 7.5m to 2.5m reducing power consumption by up to 50%
- Reduce flash from 1Hz to 0.5Hz to reduce power consumption by up to 50%
- Proven, industry leading sounder offers durable and reliable notification
- Uses Eaton's patented lens design that optimises light dispersal
- Available in Red (CASB483/WP) and White (CASB493/WP) flash
Technical Specifications

**Mounting**
- Wall

**Voltage**
- 19-30V

**Current:**
- Stand-by: <330μA
- Operating: 13.4-47.5mA (depending on setting and LED colour)

**Mounting height (x)**
- 2.4m

**Coverage (y)***
- Red flash: 7.5m (switchable 2.5m)
- White flash: 7.2m (switchable 2.1m)

**Coverage volume code (w-y-x)**
- Red flash: W-2.4-7.5 (W-2.4-2.5)
- White flash: W-2.4-7.2 (W-2.4-2.1)

**Flash rate**
- 0.5Hz (Switchable to 1Hz)

**Operating temperature**
- Type A = -10°C - 55°C
- Type B = -25°C - 70°C

**IP protection**
- IP21C
- WP variant: IP66

**Body colour**
- Red

**Flash colour**
- White or red

**Sound output**
- 99dB (A) Two tone 644/984Hz @ 1Hz cycle

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### Standard connections

![Standard connections diagram]

**Warning**
Do NOT use high voltage testers if ANY equipment is connected to the system.
Earth screen must be continuous along entire length of the loop.

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### Dimensions

![Dimensions diagram]

**Description**
- H (mm)
- W (mm)
- D (mm)

<table>
<thead>
<tr>
<th>Description</th>
<th>H (mm)</th>
<th>W (mm)</th>
<th>D (mm)</th>
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<tbody>
<tr>
<td>Wall sounder VAD</td>
<td>147</td>
<td>106</td>
<td>92</td>
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<tr>
<td>Wall sounder VAD (Weatherproof)</td>
<td>151</td>
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### Catalogue numbers

**Code**
- 850010FULL0199X
- 850011FULL0197X
- 850014FULL0200X
- 850015FULL0201X

**Reference**
- SYG2/LX-W/RF/R1 VAD EATON CASB493
- SYG2/LX-W/RF/R1 VAD EATON CASB483
- SYG2/LX-W/RF1/WP VAD EATON CASB493WP
- SYG2/LX-W/RF1/WP VAD EATON CASB483WP

**Description**
- Wall sounder VAD, red, white flash
- Wall sounder VAD, red, red flash
- Wall sounder VAD, red flash, waterproof
- Wall sounder VAD, red, red flash, waterproof

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Version 1, August 2017

EATON - SPECIFICATION SHEET - FIRE AND VOICE ALARM SYSTEMS