eurotech®
fire systems limited

WATERPROOF SOUNDER BEACON (100-2039V)

The 100-2039V Addressable Waterproof wall sounder beacon forms the core of our EN54-23 Visual Alarm Device range. The 100-2039V has a flexible modular design, allowing our Eurotech Conventional Sounder VAD (100-3800V) to be made addressable with the use of the Addressable Sounder Interface Module (100-2050V) giving a uniformed system design.

The unit has a built in microphone which allows the unit to indicate a fault should the sounder not operate when activated or tested.
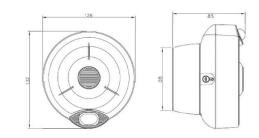
KEY FEATURES

- Flexible modular design
- Third party approved to the requirements of EN54-3 and EN54-23
- 32 tone settings
- Two stage alarm capability
- Weatherproof as standard
- Easy to install
- Silent Sounders setting for beacon only use
- Microphone self test facility
- Robust and high reliability

TECHNICAL SPECIFICATION

Power supply voltage range	18Vdc - 40 Vdc
Activated current load (high volume)	11-25 mA @24 Vdc
Acoustic frequency range	400-2900 Hz
Maximum acoustic output	100dB (A) @ 1m
Visual alarm device frequency	0.5 Hz or 1 Hz
EN54-23 classification	W-2.4 - 9.5
Operating temperature range	-25 °C to +70 °C
Unit weight (inc. Back box)	290 g
Max tolerated humidity (non condensing)	95% RH
IP rating	IP65

STANDARDS & APPROVALS

- BS EN 54-3: Sounders
- BS EN 54-23: Visual Alarm Devices

Tone volume	Switch 6	Switch 7	dB(A) evaluation	Notes
HIGH	1	1	100 dB(A) +/-3	All tones
MEDIUM HIGH	0	1		All tones
MEDIUM LOW	1	0		All tones
LOW	0	0		