GLOBAL FIRE EQUIPMENT

VULCAN 2 AS

ADDRESSABLE SOUNDER / BEACON

RoHS Compliant

EN54-13 CERTIFIED

CERTIFIED EN54-3

The addressable VULCAN 2 A is available as an Addressable Sounder/ Beacon which may be field configured to operate in either SHADOW or AUXILIARY modes. There are also versions available incorporating a loop isolator. Up to 64 VULCAN 2 A Sounder/ Beacon devices can be connected to a single Loop depending on Loop Loading. All VULCAN 2 A devices have a dip-switch Address setting while Tone and Mode selection is via a jumper. There is also a potentiometer which may be used to adjust the sound level if required. Normally the VULCAN 2 A will be used in conjunction with a detector however a lid is available as an option for the VULCAN 2 A.

Shadow Sounder/ Beacon: A Shadow Sounder/ Beacon does not have an individual address thus freeing up addresses for more detection devices. Shadow Sounder/ Beacons do not report back to the control panel so their presence on the Loop is not monitored.

Auxiliary Sounder/ Beacon: When the VULCAN 2 A is configured as an Auxiliary device, it shares the same address as the detector with which it is co-located. When operating in this mode the VULCAN 2 A monitors the Address loop for the command from the control Panel to the detector to illuminate its LED. When this command is received the VULCAN 2 A is also activated. If a Fire is confirmed the remaining sounders may be activated using the Evacuate command. This reduces the inconvenience to other guests in the event of a false alarm while at the same time giving early warning to the occupant of the room in the case of an actual Fire event. Pressing Sounder silence at the panel silences all active sounders. The maximum number of Auxiliary Sounder/ Beacons is 63 and they can be allocated between address
1 and 63.

TECHNICAL SPECIFICATIONS

SUPPLY VOLTAGE	Loop Powered - 20V to 30V DC
LOOP CURRENT - QUIESCENT	430uA & 550uA max. with isolator
SWEEPING TONE 800-1000 Hz	*2.5mA Sounder; 3.3mA Sounder/Beacon; 2.65mA Sounder w/ isolator; 3.45mA Sounder/Beacon w/ iso.*
ALTERNATING HIGH FREQ. 2.7-3.2 Khz	*5mA Sounder; 6.4mA Sounder/Beacon; 5.15mA Sounder w/ isolator; 6.55mA Sounder/Beacon w/ iso.*
CONTINUOUS TONE 800 Hz	*2.5mA Sounder; 3.3mA Sounder/Beacon; 2.65mA Sounder w/ isolator; 3.45mA Sounder/Beacon w/ iso.*
ALTERNATING LOW FREQ. 800-1000 Hz	*2.5mA Sounder; 3.3mA Sounder/Beacon; 2.65mA Sounder w/ isolator; 3.45mA Sounder/Beacon w/ iso.*
LOOP CURRENT - BEACON	Beacon 2.5 mA - Beacon with isolator 2.7 mA
MAXIMUM SOUNDER OUTPUT	97 dB (@ 1 meter - 30V DC)
CABLE SIZE	0.5-2.5 mm^2
RESET/START-UP TIMES	20 seconds max.
PROTECTION CATEGORY	IP21C - Type A - Indoor Use
COLOUR / CASE MATERIAL	White / ABS - Transparent PC
OPER. TEMPERATURE	-10°C to 55°C
MAX. HUMIDITY	95% RH Non-Condensing
DIMENSIONS / WEIGHT	110 (D) x 50 (H) mm inc. base / 144 g with Lid
For EN54-13 compliance, please check the control panel manual specifications.	

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GSS GROUP

ORDER CODE

VULCAN 2 AS	ADDRESSABLE BASE SOUNDER	1328-CPR-288
VULCAN 2 ASI	ADDRESSABLE BASE SOUNDER WITH ISOLATOR	1328-CPR-288
VULCAN 2 ASB	ADDRESSABLE BASE SOUNDER WITH BEACON	1328-CPR-288
VULCAN 2 ASBI	ADDRESSABLE BASE SOUNDER WITH BEACON WITH ISOLATOR	1328-CPR-288
VULCAN 2 AB	ADDRESSABLE BEACON	-
VULCAN 2 ABI	ADDRESSABLE BEACON WITH ISOLATOR	-
VULCAN 2 L	OPAQUE LID	-
VULCAN 2 LT	TRANSPARENT LID	-

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