

EN54-3 Type A
CERTIFIED
1328-CPR-0288

VULCAN 2 A

Addressable Low-Profile Sounder/ Beacon

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 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 - 20 V to 30 V DC
LOOP CURRENT - QUIESCENT	0.5 mA
LOOP CURRENT - ALARM 800 TO 1000 HZ	4 mA sounder only - 5.5 mA inc. Beacon
LOOP CURRENT - ALARM 2.0 TO 3.0 KHZ	7 mA sounder only - 8 mA inc. Beacon
LOOP CURRENT - ALARM BEACON	2.5 mA
SOUNDER OUTPUT - ISOLATOR	150 uA - added to device quiescent / alarm current load
SOUNDER OUTPUT - LOW / HIGH FREQ.	84 dB @ 1 m / 88 dB @ 1 m
MAX. CABLE SIZE	2.5 mm²
OPERATING TEMPERATURE / MAX. HUMIDITY	-10ºC to 55ºC / 95% RH Non-Condensing
COLOUR / CASE MATERIAL	White or Red / ABS - Transparent PC
DIMENSIONS / WEIGHT	100 (D) x 50 (H) mm / 144 g inc. base
ORDER CODE	
VULCAN 2 AS	VULCAN 2 - ADDRESSABLE BASE SOUNDER
VULCAN 2 ASI	VULCAN 2 - ADDRESSABLE BASE SOUNDER WITH ISOLATOR
VULCAN 2 ASB	VULCAN 2 - ADDRESSABLE BASE SOUNDER WITH BEACON
VULCAN 2 ASBI	VULCAN 2 - ADDRESSABLE BASE SOUNDER WITH BEACON WITH ISOLATOR
VULCAN 2 AB	VULCAN 2 - ADDRESSABLE BEACON
VULCAN 2 ABI	VULCAN 2 - ADDRESSABLE BEACON WITH ISOLATOR
VULCAN 2 L	OPAQUE LID FOR VULCAN 2
VULCAN 2 LT	TRANSPARENT LID FOR VULCAN 2