



VULCAN 2 DS

Addressable Detector Sounder/ Beacon

The addressable VULCAN 2 DS is available as a Detector Sounder, Beacon or combined Sounder/ Beacon. This particular device permits a conventional detector to be connected to the addressable loop via the Sounder and/or Beacon. There are also versions available incorporating a loop isolator.

All VULCAN 2 DS devices have dip-switch Address setting while Tone selection is via a jumper. Shadow Sounder and Detector Sounder settings are also achieved using the 8 way dip switch and a jumper respectively. There is also a potentiometer which may be used to adjust the sound level if required.

The number of Detector Sounders/ Beacons connected to each Loop is dependent on Loop loading and in any case the total number/ loop should not exceed 64. If only detector sounders are used then this number may be increased to 96 sounders per loop. This includes normal addressable sounder beacons placed between address 94 and 125. These are fully programmable in sounder groups. Detector Sounders are always placed between address 1 and 63 and cannot be included in sounder groups. Device will report to the panel as either a SMOKE or HEAT detector depending on Mode jumper position.

TECHNICAL SPECIFICATIONS

SUPPLY VOLTAGE	Loop Powered - 20 V to 30 V DC
LOOP CURRENT	1.1 mA + conventional detector quiescent current
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
LOOP CURRENT - ISOLATOR	150 uA - added to device quiescent/ alarm current load
DETECTOR - ALARM CURRENT	12 mA - add to addressable device alarm loop current
SOUNDER OUTPUT - LOW / HIGH FREQ.	84 / 88 dB @ 1 m
MAX. CABLE SIZE	2.5 mm ²
OPERATING TEMPERATURE	-10°C to 55°C
MAX. HUMIDITY	95% RH Non-Condensing
COLOUR / CASE MATERIAL	White or Red / ABS - Transparent PC - FR rating 94V0
DIMENSIONS	100 (D) x 29 (H) mm - with Lid 37.5 (H) mm
WEIGHT	100 g - 120 g with Lid

ORDER CODE

VULCAN 2 DS	ADDRESSABLE DETECTOR SOUNDER
VULCAN 2 DSI	ADDRESSABLE DETECTOR SOUNDER - ISOLATOR
VULCAN 2 DSB	ADDRESSABLE DETECTOR SOUNDER/ BEACON
VULCAN 2 DSBI	ADDRESSABLE DETECTOR SOUNDER/ BEACON - ISOLATOR
VULCAN 2 DB	ADDRESSABLE DETECTOR BEACON

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