HOW TO:

BALDWIN BOXALL
LEADING THE WAY TO SAFETY

How to diagnose an OmniCare Q1233 zone board fault

Product Range:	OmniCare
Product Code (if applicable):	BVOC4M / BVOC4MS / BVOC8M / BVOC8MS / BVOC16M / BVOC16MS / BVOC32M / BVOC32MS / BVOC48 / BVOC48S / BVOC64 / BVOC64S / BVOC80 / BVOC80S / BVOC96 / BVOC96S / BVOC112 / BVOC112S / BVOC128 / BVOC128S

Description of activity:	Diagnosing a Q1233 zone board fault
Descriptions of likely faults:	• No devices being seen in commission mode, in either direction on board 1, 1-16. • Only able to see first 16 units in commission mode. • Only able to see first 32 units in commission mode.

Please Note: "Inspection and servicing needs to be carried out by a competent person with specialist knowledge of the equipment used. This will normally be an outside organization; care needs to be taken to ensure that, if, for example, in-house employees are used for this task, they have equivalent competence to the technicians of a typical servicing organisation." (BS5839-9).

Description of rectification works:

ENSURE WHEN POWERING OFF THE SYSTEM TAKE THE BATTERIES OFF FIRST THEN THE MAINS AND WHEN POWERING BACK ON PUT THE BATTERIES ON FIRST THEN MAINS TO NOT CREATE A FUSE FAULT.

1. Press the 'Fault/Accept' button and ensure that all LEDs, on all zone cards are illuminated. If not, the zone board or cables going to the unit are faulty.

2. During the commissioning, if no devices are discovered, check the cable integrity (ensure no loop breaks are present). Take the return leg and run again from A, if no devices are seen, take a device and wire it straight into the panel between A and B. If this device is not seen, replace the Q1233 board.

3. Ensure that the maximum number of units on a loop is not greater than 16. If there are 17 or more units in the loop, break the loop in a manner that the units are distributed toward 2 zone cards. E.g. If 17 units are present, break A to B, so you send out on A and return on D, linking data between B and C.

4. For a system using 2 or more zone cards, a faulty zone card might prevent a successful commissioning procedure. As above, ensure the out and return cover at least 3 boards, out on A return on F and link data between B and C and D to E.

For further help:

Manuals & Guides: Technical manuals, installation guides and more are available for download on our website: baldwinboxall.co.uk/downloads.

Telephone: Technical help line (0)1892 664422 (then press 2 for after sales technical help).

Training: We hold a range of courses. To find out more, or place a booking, please call us or visit our website: baldwinboxall.co.uk/training.

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