

How to network OmniCare panels

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: Networking control panels

- Example of wiring 4 panels onto a looped network.
- 4x 32-way panels in this example.

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. Baldwin Boxall recommends that the network is wired from A out and return on last available termination depending on panel size. For this example a 32-way panel is using two zone cards, terminations A, B, C and D are available.
2. A 48-way panel would use three cards, A,B,C,D,E and F and so on. A 80-way panel and larger will use both top and bottom termination cards. So for a 128-way panel, network out on top A and return on bottom H and so on as before with the local loops.
3. For example, the 32-way panel the local loop should be wired out on C and return on B. To test this panel stand alone link data (H to H and L to L) from A to D until network is required. Run commission sequence for stand alone. The panel can now be tested for the local loop before the network loop is connected into A and D once the link is removed.
4. Repeat at all panels where local loop is required. If no local loop is on this panel link out data between C and B, the network will be connected in on D and out on A.
5. To link panels into the network, run from A of master to D of first slave/mimic panel. Network out from A to next panel in on D.
6. Repeat this until loop complete back at master into D.
7. Run commission from master, note that the first slave panel remotes will be the first remotes seen at the master panel. The last local loop seen will be that of the master.

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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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