

# **ACT-431 DSL Broadband Alarm Filter with built-in Lightning Protection**

**Enables analogue alarm communication on Broadband/DSL lines!**

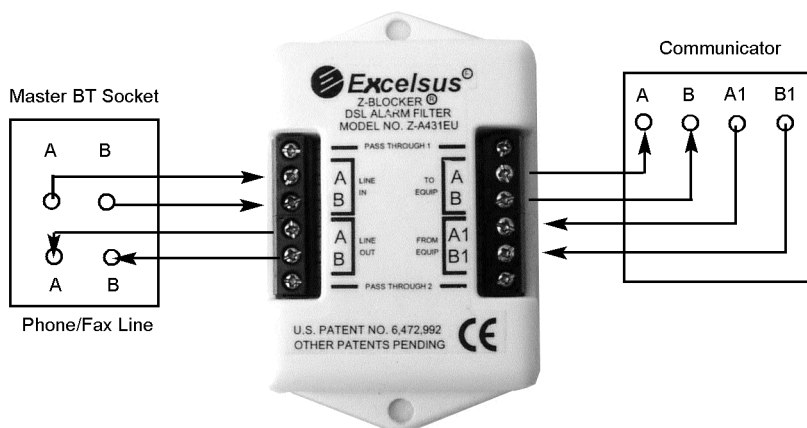
The ACT-431 DSL Alarm Filter is designed to meet BS/EN50131 requirements enabling analogue alarm signals to operate securely on Broadband/DSL lines. The filter provides terminals to connect directly to the master telecom socket and alarm communicator (e.g. digi, redcare, speech dialler).

Installers should inform clients considering upgrading to Broadband that communication may be lost and insurance cover compromised if a line seizing DSL filter is not fitted to the alarm system. To comply with BS/EN50131 enabling line seizure, the filter should be wired to the master telecom socket as follows:-

- 1) Disconnect the incoming AB line at the **MASTER BT SOCKET**.
- 2) Connect the incoming AB line to terminals marked A and B **LINE IN** on the filter.
- 3) Connect terminals marked **TO EQUIP** A and B to the communicator line A and B.
- 4) Connect terminals marked **FROM EQUIP** A1 and B1 to the communicator line A1 and B1.
- 5) Connect terminals marked **LINE OUT** A and B to phone/fax line at the Master BT Socket.

If it is not possible to connect directly to the Master BT Socket to enable line seizure, or if A1, B1 terminals are not provided on the communicator, connect the filter as follows:-

- 1) Connect terminals marked **LINE IN** A and B to any available block terminal BT line.
- 2) Connect terminals marked **TO EQUIP** A and B to the communicator A and B.
- 3) Ignore all other terminals on the filter.



The new ACT431EU enclosure is optionally available to enable the filter to be installed externally to the control equipment.

Box Size: W85 x H110 x D35mm  
(Filter not included)

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