

Technical Bulletin

November 2009

Nova GA External Sounders

As part of the requirements of the new Warning Devices EN50131-4 standard, monitoring of the trigger wire is a mandatory requirement for Grade 3 installations. The RISCO Group NOVA GA sounder range was upgraded to make provision for Bell trigger wire monitoring.

To optimise compatibility of the NOVA GA range of sounders with 3rd. party control equipment, provision was made for a positive trigger function.

Following feedback from our customers, it was found that with certain configurations of control equipment it was necessary to fit a 'zener diode' to the trigger wire.

The vast majority, if not all, of modern control equipment use negative bell trigger signalling. To simplify installation of the NOVA GA Sounders, it has been decided that all future NOVA GA sounders will be supplied as negative trigger only.

Fitting of a zener diode is not required on the revised NOVA GA sounder. Additional loads can be connected to the bell trigger outputs without any issues.

The NOVA GA sounders which no longer require the fitting of the zener diode can be identified as follows:-

These units are labelled as software version 'V2.1' or later. This label should be affixed to the back plate of the sounder. The zener diode is no longer supplied with the installation kit.

The installation kit now only contains 2 off resistors, and these are only used when bell trigger wire monitoring is required.

Thank you.