



## CONVENTIONAL SOUNDER ISOLATOR SYSTEM

C-TEC's new BF365SC Conventional Sounder Controller and its associated BF365IM Isolator Modules are designed to interface to a fire alarm panel's conventional sounder circuit.

The Modules (each of which would typically have a conventional sounder connected to it) are wired in a loop arrangement, beginning and ending at the controller.

The Controller transforms the conventional sounder circuit's monitoring and triggering voltages into its own unique control voltages which it uses to trigger the Isolator Modules and monitor the sounder loop wiring.

Each Module has smart sensing which means if a wiring fault should occur, the Module(s) nearest to the faulty section of cabling will, if needed, isolate this section. As the Modules are driven from each direction, any loss of cable integrity will have no effect on the functionality of the actual sounders.

Having a fault tolerant arrangement such as this means that low cost cabling can be used for the sounder circuit (subject to the fire officer's approval), leading to significant savings in installation.



▶ Designed to meet requirement 17.9.2c of Dutch Standard NEN2575

▶ BSI approved to EN54 parts 17 & 18

### EXAMPLE WIRING SCHEMATIC

Modules are small and compact and will fit in the base of most conventional fire alarm sounders.

Up to 20 Modules can be connected to one controller.

