ADEVA®

Active Repeater
FCG2000R

Overview

- Intelligent multi-protocol fire alarm control panel
- Connects to MODBUS peripheral bus
- 4,7" Touch Screen (8 Shades of Blue)
- 1000 events history
- All operating and monitoring functions realized using touch panel
- Controls for system reset, accept, mute, silence alarms and self test
- Directly connection to any 3rd party network with USB2.0, RS485
- Easy to install, network, maintain

Description

The FCG2000R repeaters are compact remote control units for FCE 2000 intelligent multi protocol fire alarm control panels. These units, along with other I/O peripheral devices and the external printer further enhance the flexibility and functionality of our fire alarm control panel range.

The repeaters provide an extension to the operation of the fire alarm control panel. Operating and monitoring of control panel are realized by using 3,8" touch panel.

In addition to the general status indicators the Active repeater is fitted with key operated "Access Enable" password for control functions. Individual buttons are provided for System Reset,Mute, Accept, Sound Alarms, Silence/Re-sound Alarms and Self test. Thus enabling control functions to be duplicated in strategic locations around the installation.

ADEVA LTD. Fire Alarm Systems

FCG2000R repeater includes an integral self test sequence guiding the operator through a preset sequence to test the functionality of the fire alarm system elements.

Each repeater is connected to the FCE2000 series alarm control panels using the RS485 peripheral data port (Port D) as shown in the schematic overleaf. A maximum of 31 active repeaters can be connected to the peripheral data port. The fire alarm control panel supervises the connection between itself and the repeater, proving the integrity of the cabling and indicating faults both on the repeater and the fire alarm control panel.

The repeaters require an external power supply of +24Vdc (nominal) to operate. Power may be taken from the auxiliary supply of the FC series control panel or from any other suitable DC power supply.

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