FireClass 501

Overview

FC501 is the newest FireClass addressable solution for small systems brought to you by Tyco Fire Protection Products.

Conceived to be extremely easy to install and use, the FC501 is an "out of the box" panel which offers the simplicity of a conventional system and the benefits of the FireClass addressable digital technology.

Auto Addressing, Test & Programme, On line Help function, USB interface to upload the configuration and the easiness to configure the panel via integrated keypad are only some of the features that allow the installation and configuration of the FC501 in just a few simple steps.

The wiring process is simplified by the triple connection loop that provides isolation against short circuits. Once the loop devices are wired the system can be auto addressed by a single click. The devices are automatically assigned to 3 zones, according to the physical loop they are connected to, the system is ready to protect the site.

If the system configuration needs to be modified and the devices re-addressed or the zones re-programmed, the powerful Test & Programme feature significantly reduces the configuration time allowing the installer to perform test and programming at once.

The configuration software is extraordinarily user friendly and provides a very nice graphic interface that displays all devices connected to the different zones. A battery and wire calculation tool is included in the software to help the installer in sizing up the system. A free graphic maps software, based on a multilevel maps tree structure allows a remote real time visualization of any loop, zone and point status and the simple remote user interface with control buttons (reset, silence, evacuate), allow users to manage the system from any location in the world.

The FireClass FC501 control panel supports a total of 128 devices, including the double and triple technology detectors and a plenty of modules and sounders, benefiting of one of the widest ranges available in the market.

www.fireclass.net

A new class of Fire Detection

Panel Features

· 3 Isolated Loops with triple connection feature
· 500mA current dynamically shared across 3 loops
· Two versions available (1.5 A or 2.5 A power supply)
· Up to 128 Addresses / 32 Zones
· Easy to programme
· Auto Addressing
· Test & Programme feature
· Out of the Box
· On Line Help function
· USB interface dual role Host/Device
· Multi Users/Multi Installers (Up to 2 Installers, 8 Users)
· Walk test function
· 4000 Event Log
· On board PSTN communicator
· Optional IP board
· GSM/GPRS as external module
· LCD display (160 Characters)
· Up to 4 repeaters
· Up to 4 Multifunction interfaces for printer / simplified fire brigade panels
· Event transmission via PSTN and IP
· Front panel controls enabling text and configuration changes
· Displays temperature, CO level and smoke level at any point
· Automatic drift compensation

Software Features

· Nice graphical user interface
· Fast and simple system configuration, also offline
· Transferable user database
· Device graphic displayed
· Battery/wiring calculation
· Customizable cables database
· Visualization of all the devices assigned to a single zone
· Remote Real time visualization of control panel loop & zone status, etc.
· Easy Remote user interface with control buttons (reset, silence, evacuate)
· Multilevel map based on a tree structure
· Access device data from any pages of the map
· Configuration downloadable to USB memory stick
· Capability to print zone label sheet for front panel customization

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