saudi sicli سيكلي السعودية

Fire Alarm Control Panel

SS2000

Addressed Microprocessor System

Introduction

SS2000 microprocessor addressed panel has been designed meeting the EN54 Standard, part 2, according to the last review, and successfully overcoming the hardest tests about environmental conditions, electrical conducted noises, electromagnetic upsets, vibrations, etc. according to UL standard requirements.

SS2000 control panel is based on microprocessor technology of 16 bits. It uses the same capacity to manage the detection system and to do associated operations, without using traditional electronic devices and improving its features and performance.

Composition

- ♦ 2 line 16 character liquid crystal display (LCD) – Backlit.
- ♦ Keyboard of 13 keys grouped in two: on the first one we can find the control menu keys, and with the second one we can do all the specific functions of the control panel.
- ♦ 14 LED that allows to see quickly the state of the control panel (Power supply, function, mode, Alarm & fault)
- ♦ Ports RS232 and RS485 depending on the model of control panel.
- ♦ Power supply source, independent modules that generates the voltage of primary power supply of 30V with protection fuses.
- ♦ An external RESET entry is also, available.
- ♦ 2 x 12 V serial connected batteries to have 24V tension. Amperage according to control panel consumption.
- ♦ Zone module: modular plug-in rack cards, located inside the box and
- ♦ interconnected through 10 wires flat cable. 4 zone per module

Features

- ♦ Complies with: EN 54 Part 2 and 4
- ♦ CE marked
- ♦ Microprocessor – controlled
- ♦ Configurable control panel base expandable from 4 to 128 zones, interchangeable with 4 relays modules.
- ♦ Optional plug-in cards for on-site configuration.
- ♦ Large conventional zone-addressed system capacity: up to 128 addressed zones.
- ♦ Can be configured with PC software (channel RS232) and external keyboard.
- ♦ Allows the connection of repeater.
- ♦ Connection to the printer series (RS232)
- ♦ It is compatible with almost all conventional detectors in market.

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