378 POINT INTELLIGENT FIRE ALARM CONTROL PANEL FX-353-LDR

Description

The FX-353-LDR Intelligent Fire Alarm Control Panel is a three loop addressable panel that supports up to 378 addressable points. The FX-353-LDR is equipped with a two line by 20 character backlit LCD display, numerical keypad, integrated UDACT/Digital Communicator and the provision for up to 64 zones of LED annunciation (requires optional RAX-332 modules). The LCD display allows for 32 characters to be configured for user defined messages.

The FX-353-LDR panel is ideal for both new and retrofit applications. Designed for small to medium commercial, institutional and industrial occupancies, this panel is powerful enough to meet today's installation demands. The FX-353-LDR is configurable by the keypad for on-site programming or by a PC for both on-site and remote programming. Easy to install and simple to operate and configure, the FX-353-LDR panel enables the installer to configure the system to meet their specific requirements.

The FX-353-LDR panel is equipped with a 5.5 Amp power supply, auxiliary resettable smoke power supply (300mA max.), an interface for a Remote Trouble Indicator (RTI-1) and an RS-485 interface for remote LCD and LED annunciators.

In addition the panel comes complete with a red door, black enclosure, durable CAT-30 lock and key and space to mount up to 18 AH batteries. An optional trim ring is available for semi-flush mounting.

Features

- Three Addressable SLC Loops that support up to 378 addressable points
- Points can be any combination of Addressable Sensors or Modules
- Supports Ionization Sensors, Photoelectric Sensors, Variable Heat Sensors and Multi–Sensor (Heat/Photo)
- Equipped with 2 line by 20 character backlit LCD display, numerical keypad and an integrated UDACT/Digital Communicator
- LCD display allows for 32 characters to be configured for user defined messages
- Provision for up to 64 zones of LED annunciation with optional RAX-332 Remote Annunciator modules
- Integrated UDACT/Digital Communicator
- Digital Communicator can be configured for DACT or UDACT mode of operation
- Configurable via the front panel, PC Configurator, or remote dial up through the built-in modem
- Sensors can be configured as Alarm, Verified Alarm, Latching or Non-Latching Supervisory, Monitor and Trouble-Only
- Modules can be configured as Alarm, Latching Supervisory, Non-Latching Supervisory, Water Flow, Monitor, Trouble, Fire Drill Switch, Signal Silence Switch, Aux Disconnect Switch and Buzzer Silence Switch
- Base panel is equipped with Four Class "B" (Style "B") indicating circuits which may be configured as Class "A" (Style "Z") using a Class "A" signal converter module
- Indicating Circuits may be configured as Silenceable or Non-Silenceable for both signals and strobes
- Built-in sync protocols for the following strobe manufacturers: Mircom, Wheelock, Amseco, System Sensor, Gentex and Faraday
- Relay contacts for Common Alarm, Auxiliary/ Alarm (Disconnectable), Common Supervisory and Common Trouble
- Configurable Signal Silence Inhibit, Auto Signal Silence, Two Stage Operation and One-Man Walk Test
- Subsequent Alarm, Supervisory, and Trouble operation
- RS-485 Interface for Remote LED and LCD Annunciators
- Positive Alarm Sequence
- Interface for a Remote Trouble Indicator (RTI-1)
- Two event history logs comprised of a 200 event alarm log for alarm related events and a 200 event general log for all other events
- 5.5 Amp Power Supply
- Optional modules for additional internal relay circuits and City Tie/Polarity Reversal
- Optional trim ring for semi-flush mounting

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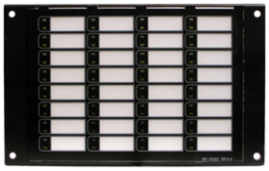
CATALOG NUMBER 5688

NOT TO BE USED FOR INSTALLATION PURPOSES.

Optional Adder Modules



RAX-332 Programmable LED Annunciator
The RAX-332 Programmable LED Annunciator provides the FX-353-LDR with 32 Programmable Alarm/Supervisory Bi-Colored LEDs & 32 Trouble LEDs which can be configured as: Alarm (Red), Supervisory (Amber), Trouble (Amber) or Monitor (Amber). The RAX-332 mounts in the FX-353-LDR enclosure.

OCAC-304 Four Indicating Circuit Class "A" Converter Module
The OCAC-304 converts the four Class "B" (Style "Y") output circuits on the FX-353-LDR to Class "A" (Style "Z") circuits. The OCAC-304 is equipped with wire leads to connect to the FX-353 main board.

PR-300 Polarity Reversal/City Tie Module
The PR-300 provides outputs for city box and polarity reversal applications. As a city tie module the PR-300 provides an interface between the control panel indicating circuits and a master box. As a polarity reversal module the PR-300 provides an interface between the control panel and a reverse polarity receiver.

Remote Annunciators

RAM-300LCDR Remote LCD Annunciator
The RAM-300LCDR provides LCD remote annunciation through a 2 line by 20 character LCD display. The RAM-300LCDR provides control switches for System Reset, Signal Silence, Fire Drill and Acknowledge as well as a numeric keypad to access the menu functions. The common control functions can be disabled on a per function basis. The RAM-300LCDR has LED indicators for A.C. On, Alarm, Supervisory, Trouble and CPU Fail. The RAM-300LCDR comes complete with a red enclosure and a CAT-30 Lock and key.

RA-1000 Series Remote LED Annunciators
The RAM-1016TZ and RAM-1032TZ Remote LED Annunciators provide 16 or 32 points respectively of LED annunciation. Both models come standard with bi-colored LEDs which are automatically configured for either Alarm (Red) or Supervisory (Amber). The annunciators have indicators for A.C. On, Common Trouble and Signal Silence and controls for System Reset, Lamp Test, Fire Drill, Buzzer Silence and Signal Silence. In addition both models allow for the control switches to be disabled on a per function basis. The RAX-1048TZ connects to the RAM-1032TZ to provide an additional 48 points of LED annunciation. All models mount in an BB-1000 Series enclosure.

Dimensions

FX-353-LDR 26"H x 14½"W x 4½"D

Ordering Information

Model	Description
FX-353-LDR	Three Loop, 378 Point Intelligent Fire Alarm Control Panel with built-in UDACT/Digital Communicator
FA-UNIV-TRB	Black semi-flush trim ring for FX-353-LDR enclosure
Optional Adder Modules	
RAX-332	Programmble Remote LED Annunciator with 32 programmable LEDs. Mounts in FX-353-LDR.
OCAC-304	Four Indicating Circuit Class "A" Converter Module
PR-300	Polarity Reversal/City Tie Module
Remote Annunciators	
RAM-300LCDR	Remote LCD Annunciator c/w enclosure.
RAM-1016TZ	16 Zone Remote LED Annunciator with trouble LEDs. Mounts in an BB-1000 Series enclosure.
RAM-1032TZ	32 Zone Remote LED Annunciator with trouble LEDs. Mounts in an BB-1000 Series enclosure.
RAX-1048TZ	48 Zone Adder LED Annunciator with trouble LEDs. Connects to RAM-1032TZ and mounts in an BB-1000 enclosure.
BB-1001R	Red enclosure for RAM-1016TZ or RAM-1032TZ Annunciators. Houses 1 module.
BB-1002R	Red enclosure for RAM-1016TZ or RAM-1032TZ Annunciators. Houses 2 modules.
BB-1003R	Red enclosure for RAM-1016TZ or RAM-1032TZ Annunciators. Houses 3 modules
MGD-32	Master Graphic Driver Module
AGD-048	Adder Graphic Driver Module

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