

# **FireworX**

# Conventional 24VDC Fire Alarm Control Panels & Systems







MEA

#### Overview

The FireworX fire alarm family consists of 3, 5 and 10 zone conventional fire alarm control panels (FACP), an optional integrated upload/download DACT (dialer), intelligent/analog type detector features, serial annunciator modules, and serial remote relay modules. All FACPs and components are Listed to the 9th edition of the ANSI/UL 864 standard and CSFM/MEA approved.

FireworX incorporates features designed to simplify installation, operation and maintenance. These include front panel programming, one person walk testing, and selectable IDC and NAC types. In addition, when used with FireworX *CleanMe®* -compatible smoke detectors, FireworX provides intelligent/analog type features such as remote maintenance alert and automatic drift compensation that significantly reduce the chance of a false alarm and simplify maintenance calls.

FireworX panels are powerful enough to meet the demands of today's life safety installations while leaving plenty of room to grow in the future. They support Class A operation by combining pairs of on-board IDCs or NACs to provide the necessary Class A circuits. For example, the FX-10RD comes factory set to support 10 Class B IDCs and 4 NACs. But it can be field-configured to provide 5 Class A IDCs (no Class B IDC's), and 2 Class A NACs – or any other combination of circuits that fall within the circuit-pairing parameters.

	FX-10RD	FX-5RD	FX-3RD
Class B IDCs	Up to 10	Up to 5	3
Class A IDCs	Up to 5	Up to 2	Not supported
Class B NACs	Up to 4	Up to 2	2
Class A NACs	Up to 2	1	Not supported
NAC Power	7.0 amps	3.5 amps	3.5 amps
Auxiliary power	0.5 amps	0.5 amps	0.5amps

Notes: Class A operation will reduce the number of available Class B IDCs and/or NACs, depending on the panel configuration. See Specifications on page 5 for details.

#### Standard Features

- Available in 3, 5, and 10 zone (IDC) models
- CleanMe® provides remote annunciation if a detector drifts out of UL limits, reducing the chance of a false alarm
- Automatic drift compensation in select FireworX conventional smoke detectors extends dust life
- 7.0 amps standard on 10 zone model reduces power booster costs
- Listed to ANSI/UL 864 9th Edition
- Models with fully integrated upload/download DACT enables PC programming and recurring revenue.
- Zone or NAC pairs convertible to single Class A circuits (10 and 5 IDC panels only)
- Combination Waterflow and Supervisory IDCs
- NACs programmable by zone and individually selectable for FireworX notification appliances, continuous, temporal outputs, or coded
- Front panel programmable simplifies installation and servicing
- Precision synchronization with FireworX notification appliances and optional audible silence over two wires
- On-board relays for Alarm, Supervisory and Trouble
- Optional serial bus relay modules are programmable for common or zone activation
- Optional serial bus remote annunciator family
- One person walk-test (audible or silent)
- Optional City Tie and Reverse Polarity Modules
- Trim ring available for semi-flush mounting

#### **Application**

FireworX provides smoke and fire detection, occupant notification and off-premises signaling for small- to medium-sized buildings.

Each IDC can be configured for either Class B or Class A operation and one of eight operating modes:

- Alarm –with or without smoke detector verification including discrimination of contact devices
- Waterflow Alarm:
- Waterflow Alarm/Supervisory (Combination IDC);
- Supervisory (Latching/non-latching);
- Monitor (non alarm or supervisory)
- Signal Silence
- Drill
- Cross zoning

NACs may also be configured for either Class B or Class A operation. Additionally, NACs can be individually configured for one of six outputs. These are Genesis, Genesis (A/V silenceable), Continuous, Temporal, Coded, and City Tie. The Genesis selection allows independent horn control over two wires and provides precision synchronization for FireworX's family of notification appliances, all without the need for a signal master accessory.

When configured for FireworX notification appliances, FireworX's Alarm Silence function will silence connected FireworX audible appliances but FireworX strobes will remain active until the panel is reset. When Genesis Mode is selected, both the horns and strobes on compatible notification appliances will be synchronized across all NACs.

Note: Zones may be selected for either latching or non-latching operation. Always check with your AHJ regarding approval of silencing audible while leaving strobes flashing.

# Detectors with intelligent features at a conventional price

When combined with FireworX CleanMe® -compatible smoke detectors, FireworX provides intelligent features at a conventional price. If a CleanMe® detector drifts out of the UL sensitivity range, FireworX's patented remote maintenance reporting sends an alert to the FireworX control panel. This feature reduces the chance of a false alarm and simplifies



service calls. In addition, *CleanMe*® -compatible smoke detectors have built-in drift compensation that extends the time between cleanings. If cleaning is ever necessary, it is literally a snap with FireworX's exclusive replaceable optical chamber. Model numbers include FX7-2 and FX7-2T. For a complete list of *CleanMe*® compatible smoke detectors, visit *www.fireworx.edwardsfire.com*.

#### Panel LED Display

The following system LEDs display the panel's status:

- Alarm panel is in the alarm state;
- Trouble panel is in the trouble state;
- Supervisory panel is in the supervisory state;
- Power indicates the status of the AC power source;
- Disable indicates when any IDC, NAC, relay or the DACT is disabled;
- Annunciator Trouble indicates trouble on the remote annunciator bus:
- Battery Trouble indicates battery or charging problems;
- Ground Fault indicates a short between any panel circuit and ground;
- Walk Test indicates that one or more IDCs are in the walk test mode;
- Alarms Silenced indicates that the panel is in the alarm state with one or more NACs silenced.
- Waterflow indicates that one or more circuits have detected an active waterflow switch.
- Service Detector indicates the presence of a dirty detector with CleanMe® compatible ESL smoke detectors.
- Remote Disconnect indicates off site communication has been disabled.

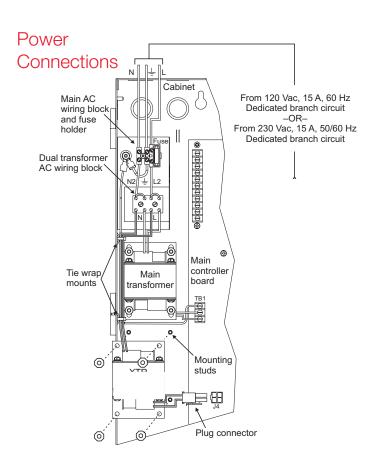
Each IDC has a disable switch and three LEDs:

- Alarm red indicates that the IDC is in the alarm state;
- Trouble yellow indicates that the IDC is in the trouble state or is disabled (when flashing);
- Supervisory/Monitor *yellow* indicates that the IDC is in the supervisory state or the monitor state (when flashing).

Each NAC also has a disable switch and a trouble/disable LED.

#### Status indication with the DACT/Dialer installed

The optional upload/download dialer's LCD display provides two lines x 16 characters of text. For programming, the top line displays the programming step and the lower line displays the selected option. All system events are displayed on the LCD with custom zone messages. During normal operation, the LCD will display any off-normal condition present in the panel.



#### **Options**

#### Off-premise communication

A fully integrated FireworX upload/download dialer is available for reporting events to a monitoring facility. The DACT also supports uploading or downloading of system configuration, status and event history. The DACT is programmable for either single or dual line operation. It also supports split and dual reporting for two digital alarm receivers.

The DACT brings additional features to the panel including a 32-character alphanumeric LCD display, local or remote PC programming and an event history log.

#### **Remote Annunciators and Relays**

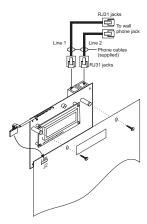
The serial bus standard on all FireworX models is another installation time-saver. This circuit allows the connection of Remote System Indicators (FSRSI), Remote Zone Indicators (FSRZI-A, FSRZI-SA) and Remote Relay Modules (FSRRM24) over a four-wire (data and power) circuit. Annunciator and relay modules can be installed up to 1,000 feet from the panel on 18-gauge wire.

Modules are also available for City Tie (CTM) and Reverse Polarity (RPM) connections.

### Upload/Download DACT/Dialer



The DACT/Dialer installs behind the front panel display.



Note: All panel versions are available with factory installed DACT. See order table for ordering information.

The built-in DACT/Dialer is a multifunction module that provides communications, modem capability, and LCD display functions. Its primary function is as a Digital Alarm Communicator Transmitter (DACT). As a DACT, it transmits event messages to a Digital Alarm Communicator Receiver (DACR) at a monitoring facility. The monitoring facility then notifies the fire department and other responsible parties of the event. Programmable options include split or dual reporting to two DACRs.

The DACT module can also be used as a modem to connect the panel to both local and remote computers for uploading and downloading of configuration data (programming), panel status and event history. For security, the modem can be configured to accept programming on incoming calls or it can be required to call a preprogrammed number before accepting downloads and sending uploads.

The DACT module can be configured to work as all of the above, or as only an LCD display or LCD display and modem.

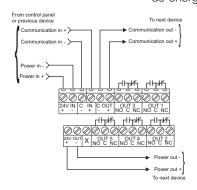
#### Remote Relay Module



The Remote Relay Module mounts on a plastic track inside an MFC-A cabinet.



Up to 4 RRM24s can be mounted in an FSRRM-S11 snap track. Up to two FSRRM-S11s can be mounted in an MFC-A.



The Remote Relay Module (FSRRM24) is one feature of the system that sets FireworX apart from other panels in its class. This module has five Form C relays rated at 1 amp each. It can be configured to function in either a zone relay mode or a common system mode.

When configured in the zone relay mode, relays energize when the associated IDC is active. The module can be configured for activation by IDCs 1 through 5 or IDCs 6 through 10. One relay is automatically associated with each IDC.

When configured in the common system mode, relays energize or de-energize when the panel changes

state. One relay is available for each of the following functions: Alarm, Supervisory, Trouble, Power Loss, Monitor.

The FSRRM24 mounts on a plastic snap track and can be installed in an MFC-A or other listed fire alarm enclosure. The panel will support two RRMs of each configuration for a total of six on the 10-zone panel.

#### Remote Annunciators



The FireworX family has several remote annunciation options. The serial remote annunciator bus can be run up to 1000 feet (305 m) on untwisted non-shielded 18-gauge cable. Several annunciator models round out the family to provide a range of features and functions. As many as three annunciator modules may be mounted in a standard electrical box, sharing an attractive trim plate that blends with any decor.

The FSRSI can be installed alone or with one or more FSRZI-As. The FSRSI and FSRZI-A require trim plates (ordered separately). These are available in one, two or three gang models. Each panel will support two FSRSIs.

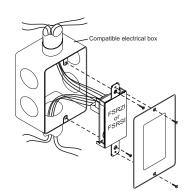
**Remote System Indicator** 

The FSRSI is ideal for

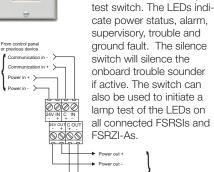
common system annunciation. It includes five LEDs

and a local silence/lamp

To next devi

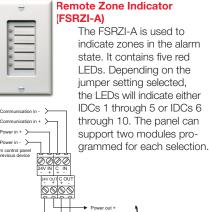






(FSRSI)



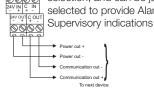




Power in + >

ower in - >

The FSRZI-SA is used to indicate zones in the alarm or supervisory state. It contains five red and yellow LEDs. Depending on the jumper setting selected, the LEDs will indicate either IDCs 1 through 5 or IDCs 6 through 10. The panel supports two modules programmed for each selection, and can be jumper selected to provide Alarm or



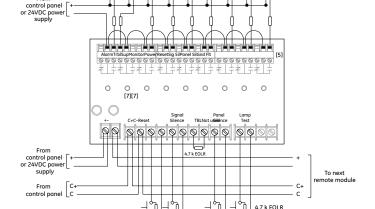
#### FSRA10, FSRA10C Remote LED annunciators

The FSRA10 is a remote annunciator with capacity for up to ten zones. It includes ten bi-color LEDs (red/yellow) for indicating active zones, and ten yellow LEDs for indicating zone troubles. The (C) option adds common control switches. Both versions mount to standard North American 4-inch square electrical boxes. A surface box is also available.

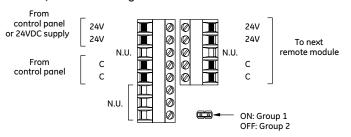


#### **FSUIM Graphic Driver/Interface**

The FSUIM is a universal interface module that can be used by FireworX to drive graphic annunciators. It also allows FireworX control panels to control, or be controlled by, other control panels. The FSUIM provides five supervised switch inputs and nine dry contact relay outputs. Nine LEDs provide visual confirmation when each relay is energized. The FSUIM is shipped with a plastic snap track for mounting in an MFC-A cabinet or other listed fire alarm enclosure.



#### FSRA10, FSRA10C Wiring



## Remote Annunciator Specifications

General Agency Listings	LIL 964 (52000)	ULC-S527, CSFM						
Agency Listings	UL864 (33000),	ULC-5027, CSFIVI						
Remote Annunciators	FSRSI Remote System Indicator	FSRZI-A/FSRZI-SA Remote Zone Indicato						
Maximum per System	All panels: 2	10 zone panel: 4 3 or 5 zone panel: 2						
Current Requirements	Standby: 17 mA Alarm: 56 mA	Standby: 8 mA Alarm 76 mA						
Voltage Range		; Maximum: 27.3 Vdc						
Maximum Circuit Capacitance	0.03 µF							
Maximum Circuit Resistance	13 Ohms							
Wire Size	18 - 12 AWG (0.	18 - 12 AWG (0.75 mm² - 2.5 mm²)						
Mounting	· ·	ANSI/NEMA OS1-1996 1-3 gang electrical box						
Operating Environment	Temperature: 32 - 120° F (0 - 49° C); Humidity: 93% RH, non-condensing							
Remote Relay Module – FSRRM24	Configured for Zone Mode	Configured for Common Mode						
Maximum per system	10 zone panel: 4; 3 or 5 zone panel: 2	All panels: 2						
Current Requirements	Standby: 10 mA; Alarm: 70 mA	Standby: 26 mA; Alarm: 70 mA						
Voltage Range		; Maximum: 27.3 Vdc						
Contact Rating		30 Vdc						
Maximum Circuit Capacitance		03 μF						
Maximum Circuit Resistance		Ohms						
Wire Size								
VVII e Size	18 - 12 AWG (0.75 mm² - 2.5 mm²) Single FSRRM24 mounts in plastic track (included) or up to four FSRRM24s in an FSRRM-S11							
Mounting	11" track ordered separately. FSRRM24s should	11" track ordered separately. FSRRM24s should be installed in an MFC-A or other listed fire alarm enclosure.						
Operating Environment	Temperature: 32 - 120° F (0 - 49° C	Temperature: 32 - 120° F (0 - 49° C); Humidity: 93% RH, non-condensing						
Dimensions		2-3/4" W x 3-3/8" H x 1-1/2" D (65.9 mm W x 85.7 mm H x 38.1 mm D)						
F-Series Remote Annunciators	FSRA10	FSRA10C						
Common Controls	No	Yes						
Compatibility	10-Zone l	Panels Only.						
Dimensions	5-5/8" x 8½" x 1 ½" in (1-	4.3 cm x 21.4 cm x 3.8 cm)						
Mounting	North American 4-inch square	North American 4-inch square electrical box or listed enclosure						
Power Wiring	18 to 12 AWG (0	18 to 12 AWG (0.75 to 2.50 sq mm)						
Data Wiring	18 to 12 AWG (0.75 to 2.50 sq mm)	18 to 12 AWG (0.75 to 2.50 sq mm) twisted pair (6 twists per foot minimum)						
	18.8 to 27.3 Vdc							
Operating voltage	Supply must be UL/ULC listed for fire protective signaling systems.							
	Do not use FACP accessory power outputs that are interrupted when the panel is reset.							
Standby current		' mA						
-	98 mA							
Alarm current								
Alarm current		8 mA ty: 0 to 93% RH, noncondensing at 90 °F (32 °C						
Alarm current Operating environment  FSUIM Universal Input Module	Temperature: 32 to 120 °F (0 to 49 °C); Humidi	ty: 0 to 93% RH, noncondensing at 90 °F (32 °C						
Alarm current Operating environment  FSUIM Universal Input Module Mounting	Temperature: 32 to 120 °F (0 to 49 °C); Humidi	ty: 0 to 93% RH, noncondensing at 90 °F (32 °C						
Alarm current Operating environment  FSUIM Universal Input Module Mounting Wire size	Temperature: 32 to 120 °F (0 to 49 °C); Humidi  MFC-A cabinet or list  12 to 18 AWG (0	ty: 0 to 93% RH, noncondensing at 90 °F (32 °C ted fire alarm enclosure 0.75 to 2.5 sq mm)						
Alarm current Operating environment  FSUIM Universal Input Module Mounting Wire size Operating voltage	Temperature: 32 to 120 °F (0 to 49 °C); Humidi  MFC-A cabinet or lis:  12 to 18 AWG (0 21.2 to	ty: 0 to 93% RH, noncondensing at 90 °F (32 °C) ted fire alarm enclosure 0.75 to 2.5 sq mm) 27.3 Vdc						
Alarm current Operating environment  FSUIM Universal Input Module Mounting Wire size Operating voltage Circuit capacitance	Temperature: 32 to 120 °F (0 to 49 °C); Humidi  MFC-A cabinet or lis:  12 to 18 AWG (0 21.2 to 0.03)	ty: 0 to 93% RH, noncondensing at 90 °F (32 °C) ted fire alarm enclosure 0.75 to 2.5 sq mm) 27.3 Vdc uF, max.						
Alarm current Operating environment  FSUIM Universal Input Module Mounting Wire size Operating voltage Circuit capacitance	MFC-A cabinet or list  MFC-B cabinet or list  12 to 18 AWG (0  21.2 to  0.03   13 ohr	ty: 0 to 93% RH, noncondensing at 90 °F (32 °C) ted fire alarm enclosure 0.75 to 2.5 sq mm) 27.3 Vdc uF, max. ns, max.						
Alarm current Operating environment  FSUIM Universal Input Module Mounting Wire size Operating voltage Circuit capacitance Circuit resistance	MFC-A cabinet or lis  MFC-A cabinet or lis  12 to 18 AWG (  21.2 to  0.03    13 ohr  Quantity: 5 End-of-line	ty: 0 to 93% RH, noncondensing at 90 °F (32 °C) ted fire alarm enclosure 0.75 to 2.5 sq mm) 27.3 Vdc uF, max. ns, max. e resistor: 4.7 k ohms ½ W						
Alarm current Operating environment  FSUIM Universal Input Module Mounting Wire size Operating voltage Circuit capacitance Circuit resistance Switch inputs Relay outputs	MFC-A cabinet or lis  MFC-A cabinet or lis  12 to 18 AWG (  21.2 to  0.03    13 ohr  Quantity: 5 End-of-line Quantity: 9 Type: Co	ty: 0 to 93% RH, noncondensing at 90 °F (32 °C)  ted fire alarm enclosure 0.75 to 2.5 sq mm) 27.3 Vdc uF, max. ns, max. e resistor: 4.7 k ohms ½ W ommon Style: Form C						
Alarm current Operating environment  FSUIM Universal Input Module Mounting Wire size Operating voltage Circuit capacitance Circuit resistance Switch inputs	MFC-A cabinet or lis  MFC-A cabinet or lis  12 to 18 AWG ((  21.2 to  0.03    13 ohr  Quantity: 5 End-of-line Quantity: 9 Type: Co	ty: 0 to 93% RH, noncondensing at 90 °F (32 °C)  ted fire alarm enclosure 0.75 to 2.5 sq mm) 27.3 Vdc uF, max. ms, max. e resistor: 4.7 k ohms ½ W ommon Style: Form C A (resistive load)						
Alarm current Operating environment  FSUIM Universal Input Module Mounting Wire size Operating voltage Circuit capacitance Circuit resistance Switch inputs Relay outputs	MFC-A cabinet or lis  MFC-A cabinet or lis  12 to 18 AWG ((  21.2 to  0.03    13 ohr  Quantity: 5 End-of-line Quantity: 9 Type: Co	ty: 0 to 93% RH, noncondensing at 90 °F (32 °C)  ted fire alarm enclosure 0.75 to 2.5 sq mm) 27.3 Vdc uF, max. ns, max. e resistor: 4.7 k ohms ½ W ommon Style: Form C						

114 mA
Temperature: 0 to 49 °C (32 to 120 °F); Humidity: 0 to 93% RH, noncondensing at 32 °C (90 °F)

Alarm Current

Operating environment

# Control Panel Specifications

Control Panels		FX-10RD			FX-5RD			FX-3RD			
Initiating Device Circuits – IDCs	Class B	10	8	6	4	2	0	5	3	1	Three Class B IDCs
(Available combinations shown at right)	Class A	0	1	2	3	4	5	0	1	2	
Notification Appliance Circuits - NACs	Class B	4	2	2		0		2	0		Two Class B NACs
(Available combinations shown at right)	Class A	0	1	1		2		0	1		
Power Supply			,	7.5 am	ps total			4.25 amps total			4.25 amps total
NAC Voltage Rating			24 Vfwr								
Maximum NAC current		2.0 amps each, 7.0 amps total					al	2.0 amps each 3.5 amps total			2.0 amps each 3.5 amps total
AC Input 120 Vac	c 60 Hz			2.2 8	amps			1.25 amps			1.2 amps
230 Vac 50/60Hz				1.1 8	amps				0.6 amps		0.6 amps
Base Panel Current Draw Star	ndby			128	mA				104 mA		96 mA
					mA				224 mA		180 mA
Alarm											
Panel Battery Charge Capacity (sealed lead acid only)		Up to two 24 Ah batteries, 18 Ah in cabinet						Up to 24 Ah, 10 Ah max in cabinet *			
Auxiliary Current		0.5 amps max. May be programmed as resettable.									
Auxiliary Output		24 Vdc regulated									
IDC Alarm Current		3.0 mA (Consult detector compatibility list p/n 3100468 for maximum detectors per circuit)									
IDC Circuit		Maximum loop resistance: 26 Ohms; Maximum loop capacitance: 0.03 μF									
IDC Operating Voltage		16.9 to 29 Vdc									
UL Detector ID		100									
Alarm Contact (normally open Form C)		30 Vdc @ 1 A (resistive load)									
Trouble Contact (Form C)		30 Vdc @ 1 A (resistive load)									
Supervisory Contact (normally open Form C)		30 Vdc @ 1 A (resistive load)									
Operating Environment		Temperature: 32 - 120° F (0 - 49° C); Humidity: 5 - 93% RH, non-condensing									
Terminals (wire gauge)		18 - 12 AWG (0.75 mm² - 2.5 mm²)									
Asynchronous Serial Communications		Maximum resistance: 13 Ohms; Maximum capacitance: 0.03 μF									
Agency Listings						U	L864 (5	53000), UL	.C-S527, C	CSFM	

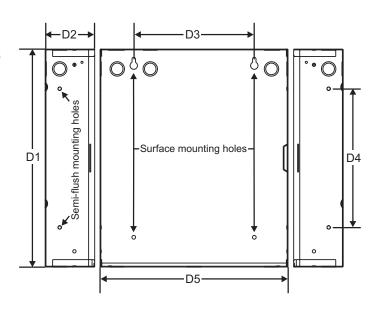
<sup>\*</sup> If larger batteries are required, use an external battery cabinet.

DACT - F-DACT (mounts in panel)	
Receivers	Supports two receivers with two phone numbers each
Communications Protocol	Contact ID (SIA DC-05), 4/2 (SIA DC-02 P3)
Programming	Front panel controls or PC with appropriate software
Telephone line connection	Two RJ31X (plug-to-plug) cords supplied with DACT
Telephone lines	Two or one loop start lines on the public switched telephone network. Pulse or DTMF.
Telephone wall connector	RJ31X/CA31X equiv. or RJ38X/CA38X equiv.
Communications Compliance	Industry Canada CS-03; FCC/CFR 47 Parts 15 & 68; NFPA 72; UL 864; ULC S527
Operating Environment	Temperature: 32-120° F (0-49° C); Humidity: 93% RH, non-condensing
Current requirements	Standby: 65 mA; Alarm: 107 mA
Agency Listings	UL864 (53000), ULC-S527, CSFM

### **Dimensions**

Model	D1*	D2	D3	D4	D5*
Three- & five- zone	19.5 in (49.5 cm)	3.75 in (9.5 cm)	9.13 in (23.2 cm)	10.5 in (26.67 cm)	14.23 in (36.14 cm)
Ten-zone	30 in (76.2 cm)	3.75 in (9.5 cm)	7.75 in (19.7 cm)	21.27 in (54.0 cm)	15.0 in (38.1 cm)

<sup>\*</sup>Add 11/2 inches (3.81 cm) to D1 and D5 dimensions for trim kit.



# Ordering Information

Part Number	Description	Ship Wt. Ib (kg.)
Control Pane	els	
FX-10RD	Conventional Fire Alarm Control Panel – 10 Class B IDCs and 4 Class B NACs, 7.5A NAC power, (Pairs of IDCs and NACs convertible to single Class A circuits), upload/download DACT/modem, 120VAC power source, 24VDC output	30.5 (13.8)
FX-5RD	Conventional Fire Alarm Control Panel – 5 Class B IDCs and 2 Class B NACs, 3.5A NAC power, (Pairs of IDCs and NACs convertible to single Class A circuits), upload/download DACT/modem, 120VAC power source, 24VDC output	24.4 (11.1)
FX-3RD	Conventional Fire Alarm Control Panel – 3 Class B IDCs and 2 Class B NACs, 3.5A NAC power, upload/download DACT/modem, 120VAC power source, 24VDC output;	24.4 (11.1)
F-TRIM35R	Semi-flush trim ring for FX-3RD and FX-5RD	1.7 (0.8)
F-TRIM10R	Semi-flush trim ring for FX-10RD	2.2 (1.0)
Note: remove "L	o" in model number to order panel without the upload/download dialer in the panel	
Related Item	s	
F-XTR120	Expander Transformer, 120 Vac - For FX-10 only	4.0 (1.8)
EOL3.6-1.1	Required UL listed End of Line Resistors – One 3.6K Ohm and one 1.1K Ohm. One required for each IDC configured as combination waterflow and supervisory.	0.1 (0.5)
EOL-P1	Required ULC listed End of Line Resistor Plate - includes one 1.1K, 3.6K and 4.7K Ohm resistor	1.0 (0.5)
Off Premises	Communications	
F-DACT	Upload/dowload digital Communicator/modem/LCD module (Mounts in control panel)	1.0 (0.5)
CTM	City Tie Module (Requires 4" square or 2-gang North American electrical box)	1.0 (0.5)
RPM	Reverse Polarity Module (Requires MFC-A or other listed fire alarm enclosure)	3.0 (1.4)
Remote Ann	unciation	
	Remote System Indicator – Includes LEDs for display of Power, Alarm, Supervisory, Trouble and Ground Fault,	
FSRSI	trouble sounder and silence/lamp test switch. Single gang trim plate included, multi-gang plates ordered separately. Mounts in a single or multi-gang North American electrical box.	0.3 (0.1)
FSRZI-A	Remote Zone Indicator – Includes red LEDs for five IDCs. Single gang trim plate included, multi-gang plates ordered separately. Mounts in single or multi-gang North American electrical box.	0.3 (0.1)
	Remote Zone Indicator – Includes LEDs for five IDCs. Single gang trim plate included, multi-gang plates ordered	
FSRZI-SA	separately. Mounts in single or multi-gang North American electrical box. Jumper selected Alarm (red) or Supervisory (amber) indications.	0.3 (0.1)
FSAT1	Annunciator Trim Plate, 1 gang	0.1 (0.05)
FSAT2	Annunciator Trim Plate, 2 gang	0.1 (0.05)
FSAT3	Annunciator Trim Plate, 3 gang	0.1 (0.05)
FSAT4	Annunciator Trim Plate, 4 gang	0.1 (0.05)
FSRA10	Single Unit 10 zone remote annunciator for FX-10	
FSRA10C	Single Unit 10 zone remote annunciator for FX-10 (with common controls)	
FSUIM	Common Function Graphic Driver/Interface - 9 relays and 5 switch inputs for common system indicators and controls	
Remote Rela	y Module	
FSRRM24	Remote Relay Module – Five Form C relays. Configurable for IDCs 1-5, or 6-10, or common system indications. Requires MFC-A or other listed fire alarm enclosure.	0.4 (0.2)
FSRRM-S11	11" Mounting track. Holds up to 4 FSRRM24s.	0.4 (0.2)
Accessories		
MFC-A	Multi-function Cabinet (fire alarm accessory enclosure)	7.0 (3.2)
FireworX 2-v	vire CleanMe Smoke Detectors	
FX7-2	Photoelectric smoke detector, head & terminal base (included), 2-wire, CleanMe, drift compensation.	
FX7-2T	Photoelectric smoke detector, head & terminal base (included), 2-wire, CleanMe, drift compensation, fixed/rate-of-rise heat detector	

For a complete listing of CleanMe compatible smoke detectors refer to 3101019-EN.



Contact us...

Email: edwards.fire@fs.utc.com
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FireworX is an **EDWARDS** brand.

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