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DACT/Dialer LCD Display

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

The F-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 Relay Module

The Remote Relay Module (FSRRM24) is one component of the system that sets FireShield Plus 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.

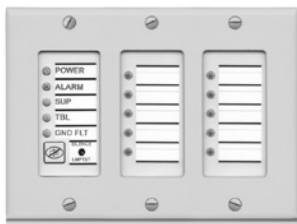


The Remote Relay Module mounts on a plastic track inside an MFC-A cabinet.

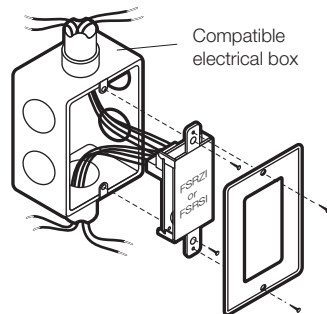
When configured in the common system mode, all 5 relays energize on alarm.

Remote Annunciators

The FireShield Plus 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 three, or four gang models. Each panel will support two FSRSIs.



FSRSI



FSRZI-A



FSRZI-SA



FSRA10

Remote System Indicator (FSRSI)

The FSRSI is ideal for common system annunciation. It includes five LEDs and a local silence/lamp test switch. The LEDs indicate power status, alarm, supervisory, trouble and ground fault. The silence switch will silence the onboard trouble buzzer if active, and initiate a lamp test.

Remote Zone Indicators (FSRZI-A , FSRZI-SA)

The FSRZI-A has 5 red LEDs and is used to indicate zones in the alarm state.

The FSRZI-SA is used to indicate zones in the alarm or supervisory state. It contains five red and yellow selectable 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.

Remote LED annunciators (FSRA10, FSRA10C)

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. A surface box and a protective cover are available options.

Graphic Driver/Interface (FSUIM)

The FSUIM is a universal interface module that can be used by FireShield to drive graphic annunciators. It also allows FireShield control panels to control, or be controlled by, other control panels. Contact your local Chubb Edwards representative for more information.



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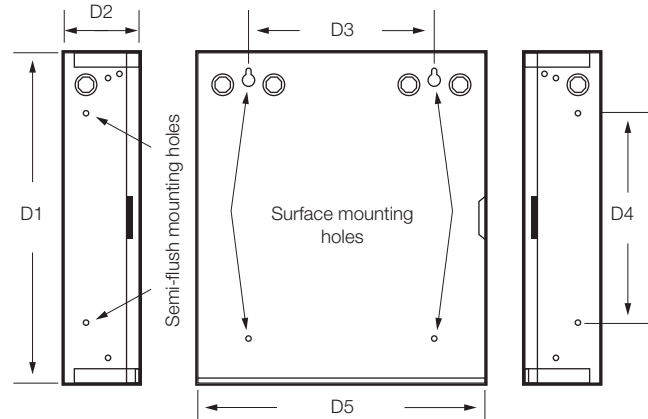
Mounting Dimensions

Control panels can be surface mounted or semi-flush mounted as shown.

Model	D1(1)	D2	D3	D4	D5(1)
FSP101 ⁽²⁾	13.0" (93cm)	3.0" (7.6cm)	6.0" (15.2cm)	7.0" (17.8cm)	11.0" (28cm)
FSP302 FSP502	19.5" (49.5cm)	3.75" (9.5cm)	9.13" (23.2cm)	10.5" (26.67cm)	14.23" (36.14cm)
FSP1004	30.0" (76.2cm)	3.75" (9.5cm)	7.75" (19.7cm)	21.27" (54cm)	16.25" (41.27cm)

(1) Add 1-1/2 in (3.81 cm) to D1 and D5 dimensions for trim kit.

(2) FSP101 intended to be surface mount only.



Specifications

Control Panels		FSP101	FSP302	FSP502			FSP1004					
Initiating Device Circuits - IDCs	Class B	1	3	1	3	5	0	2	4	6	8	10
	Class A	0	0	2	1	0	5	4	3	2	1	0
Notification Appliance Circuits - NACs	Class B	1	2	0	2		0		2		4	
	Class A	0	0	1	0		2		1		0	
Power Supply		1.5A	4.25A	4.25A			4.25A expandable to 7.5A					
NAC Current Max		1.0A	2.0 A each, 3.5A total			2.0 A each, 3.5A total 7.0A w/ optional transformer						
Battery Capacity		4.5 Ah max	26Ah (7.2 Ah max in cabinet)			26Ah (18 Ah max in cabinet)						
24Vdc Resettable Auxiliary Power		0.1 A	0.5A									
Alarm Contact		Form C; 1A @ 30 Vdc resistive load										
Trouble Contact		Form C; 1A @ 30 Vdc resistive load										
Supervisory Contact		n/a	Form C; 1A @ 30 Vdc resistive load									
Operating Environment		Temperature: 32-120F (0-49C); Humidity: 5-93% RH, non-condensing										
Terminals		18 – 12 AWG (.75 mm ² – 2.5 mm ²)										
DACT Dialer/LCD Display		n/a	Supports two phone lines, SIA 4/2 and Contact ID; Mounts in panel									
F-XTR120		n/a	n/a			3.25A Expander; Mounts in Panel						
Serial Communications Modules												
FSRSI *		n/a	2 max per panel			2 max per panel						
FSRZI-A & FSRZI-SA *		n/a	2 max per panel			4 max per panel						
FSRA10 & FSRA10C *		n/a	2 max per panel			2 max per panel						
FSRRM24 (1A @ 30Vdc)		n/a	2 max per panel common and 2 max per panel zoned			2 max per panel common and 4 max per panel zoned						
FSUIM *		n/a	1 max per panel			1 max per panel						

* Note: maximum two annunciators of any type total per panel