

## LED Annunciator

### DESCRIPTION

The Led Annunciator are used to display zone events which are from FACP FW2105 /FW2107. LED Annunciator include two types: Local and Remote as shown in Figure 1 and Figure 2.

#### FW2261 Local Led Annunciator:

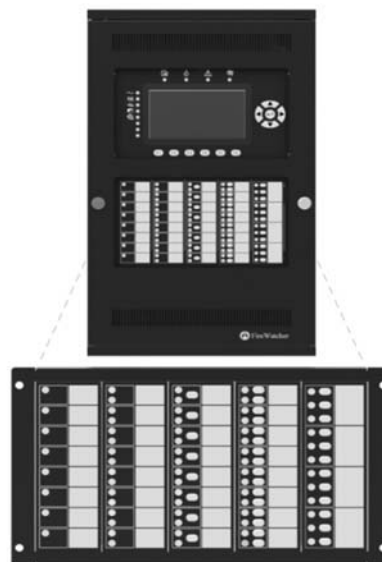
- The Local Led Annunciator is installed on the front panel of both FW2105 or FW2107.
- Users can configure the different color of LED for events .
- The functions of buttons can be configured by the user into the following four types Initiate Alarm,Acknowledge,Zone Bypass, Active/Deactive.
- The Local Led Annunciator have five slots of module, every slot can select a different type, total of 6 types of modules to choose.
- The Local Led Annunciator communicated with the AMI through CAN bus

#### FW2129 Remote Led Annunciator:

- The Remote Led Annunciator is consists of a enclosure and some boards.
- The Remote Led Annunciator enclosure includes four specifications,1bay,2bay,3bay and 5bay .
- Users can configure the different color of LED for events .
- The functions of buttons can be configured by the user into the following four types Initiate Alarm,Acknowledge,Zone Bypass, Active/Deactive.
- The Remote Led Annunciator have eight slots of module and includes 7 kinds of modules can be configured flexibly.
- The Remote Led Annunciator communicated with the FACP through ANC loop bus.
- If the number of Remote Led Annunciator is less than 13 bay , Only connect the ANC loop bus, don't need to connect 24V. If more than 13bay, Users need to connect both ANC loop

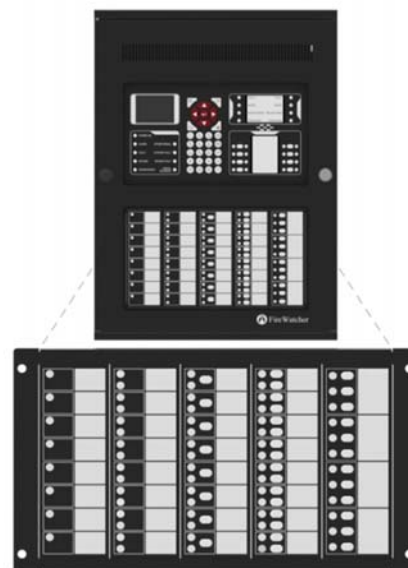
bus and 24V. Users need configure only connect ANC loop bus or both ANC loop bus and 24V through Jumper of FW2252-1.

The "2wire" on the FW2252-1 represents ANC loop bus and "4wire" represents ANC loop bus and 24V.



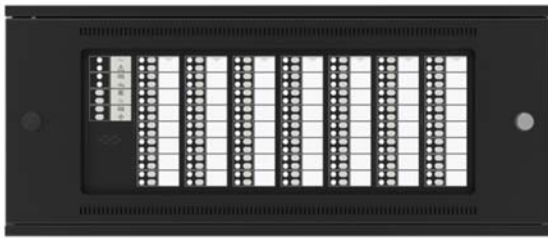
(a) FW2261 Local Led Annunciator of FW2105

Figure 1



(b) FW2261 Local Led Annunciator of FW2107

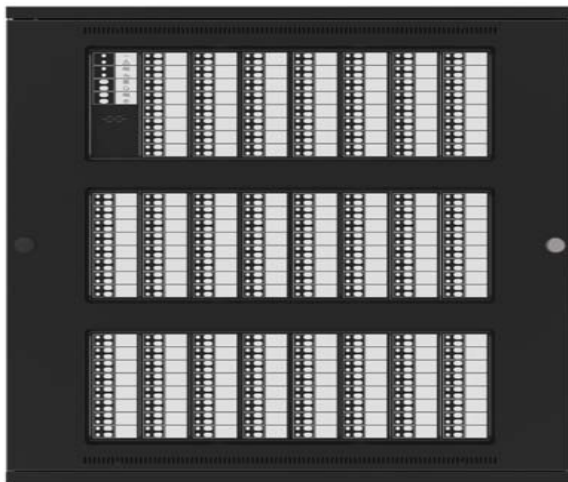
Figure 1



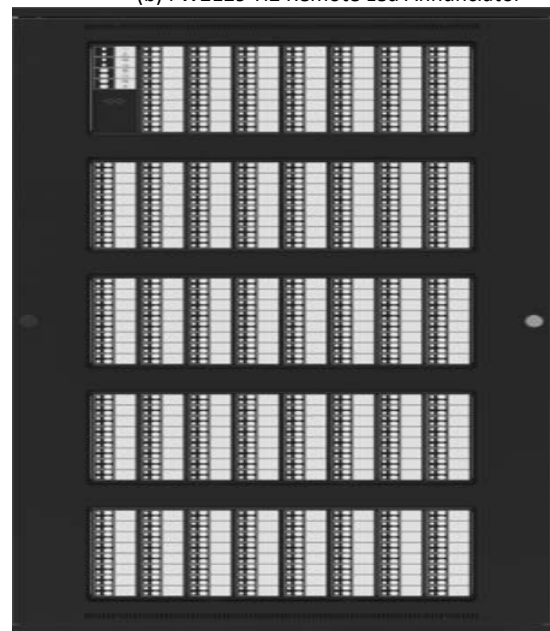
(a) FW2129-H1 Remote Led Annunciator  
Figure 2



(b) FW2129-H2 Remote Led Annunciator



(c) FW2129-H3 Remote Led Annunciator



(d) FW2129-H5 Remote Led Annunciator

### LED Annunciator Modules Description

**a. FW2252-3 8LEDs:**

- Each zone is equipped with one status LED.
- Each LED can be configured to display one of three colors: red, yellow, or green.
- This module can indicate 8 zones.

**b. FW2252-4 16LEDs:**

- Each zone is equipped with two status LEDs.
- Each LED can be configured to display one of two colors: red, yellow.
- This module can indicate 8 zones.

**c. FW2252-5 16LED,8BUTTONs:**

- Each zone is equipped with two status LEDs and one function button.
- The first LED in each zone can display two colors: red and yellow; the second LED can only display yellow.
- This module can indicate 8 zones.

**d. FW2252-6 16LED,16BUTTONs:**

- Each zone is equipped with two status LEDs and two function buttons.
- Each LED can be configured to only display one color: red.
- This module can indicate 8 zones.

**e. FW2252-7 12LED,12BUTTONs:**

- Each zone is equipped with three status LEDs and three function buttons.
- The second LED in each zone can display two colors: red and yellow, while the first and third LEDs can only display green.
- This module can indicate 4 zones.

**f. FW2252-8 Blind plate**

- The blind plate has only a baffle, no circuit board, only used to fill unused slots.

**g. FW2252-2 4LED,4BUTTONs:**

- The LEDs and buttons on this module are dedicated to the Remote Annunciator and do not support users inserting custom paper labels.
- Dedicated indicator lights: Power ON (green), Signal Silence (yellow), Ground Fault (yellow), Trouble (yellow).
- Dedicated buttons: Reset, Buzzer Silence, Signal Silence, Lamp Test.
- This module has a Buzzer.

**h. FW2204,LCD Display Module :**

- Please refer to the instructions "DOC-FW2121H-UM-R1.0".

## LED Annunciator Modules Picture



**FW2252-2**



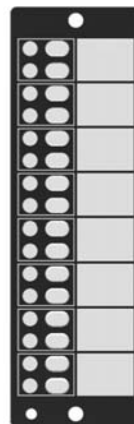
**FW2252-3**



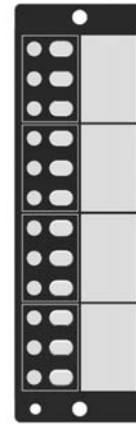
**FW2252-4**



**FW2252-5**



**FW2252-6**



**FW2252-7**



**FW2252-8**



**FW2204**

### LED Annunciator Module Parameter

Model	LED colors	Custom Label Quantity	LED Quantity	Button Quantity	Zone quantity	Slot
FW2252-2	Power On (Green) Trouble (Yellow) Ground Fault (Yellow) Signal Silence (Yellow)	Fixed labels	4	4	N/A	1
FW2252-3	Red/Green/Yellow	8	8	0	8	1
FW2252-4	Red/Yellow	8	16	0	8	1
FW2252-5	TOP: Red/Green Bottom: Yellow	8	16	8	8	1
FW2252-6	Red	8	16	16	8	1
FW2252-7	TOP/Bottom: Green Middle: Red/Yellow	4	12	12	4	1
FW2252-8	N/A	N/A	N/A	N/A	N/A	1
FW2204	Refer to the instructions for FW2121H	N/A	9	9	N/A	6

	ANC LOOP		24V	
	Standby current	Alarm current	Standby current	Alarm current
FW2252-1	8.1 mA	8.1 mA	6.3 mA	6.3 mA
FW2252-2	0.05 mA	1.43 mA	0.03 mA	1.6 mA
FW2252-3	0.167 mA	0.652 mA	0.15 mA	0.64 mA
FW2252-4	0.201 mA	1.13 mA	0.144 mA	0.869 mA
FW2252-5	0.25 mA	1.62 mA	0.181 mA	1.243 mA
FW2252-6	0.32 mA	2.8 mA	0.28 mA	2.1 mA
FW2252-7	0.34 mA	2.31 mA	0.252 mA	1.7 mA
FW2204	8 mA	10 mA	NC	

Enclosure Model	Weight	Dimension	Knockout size
FW2195-H1	6.5kg	L 610*H 267*W 70mm	1And 3/4 inch
FW2195-H2	12.1kg	L 610*H 467*W 70mm	1And 3/4 inch
FW2195-H3	15.2kg	L 610*H 667*W 70mm	1And 3/4 inch
FW2195-H5	25kg	L610*H 1067*W 70mm	1And 3/4 inch

## ATTENTION



The products must be installed in accordance with NFPA 72, CAN/ULC-S524, and/or Canadian Electrical Code depending on country of installation. Check information of equipment used in the system by other manufacturers for any guidelines or restrictions.

## NOTE

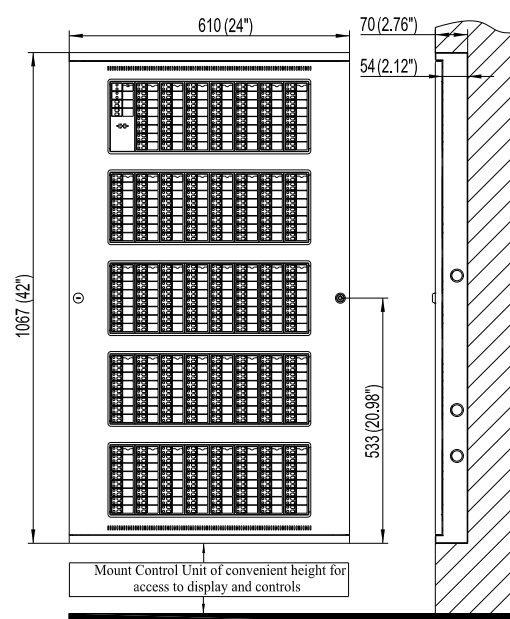
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## Remote Led Annunciator Specification

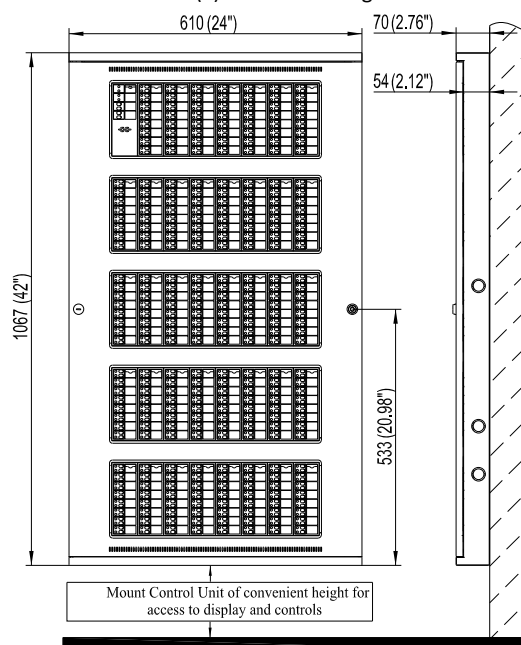
External Power Source range	ANC LOOP: 13 to 28VDC 24V: 15.4 to 28VDC
Operating temperature	14°F to 131°F (-10°C to 55°C)
Operating Humidity	0% to 93% RH Non-condensing
Operating location	Indoor dry
Wire Size	14 to 18 AWG

## INSTALLATION

- Mount the cabinet on the wall. The cabinet can be surface-mounted or flush-mounted, as shown in Figure 3.
- Group the cables through the knock-out holes of the cabinet.
- Screw the cables to the terminal socket on PCBA (DC24V, ANC loop bus), as shown in Figure 4.
- Fasten the cables inside hosing.
- Configure the device ID and debug.
- Close the front door when debug finished.

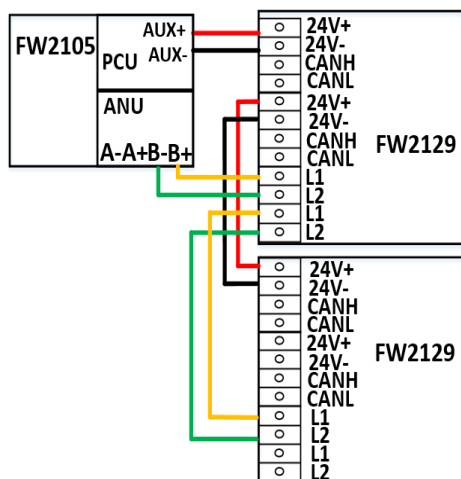


(a) Flush mounting

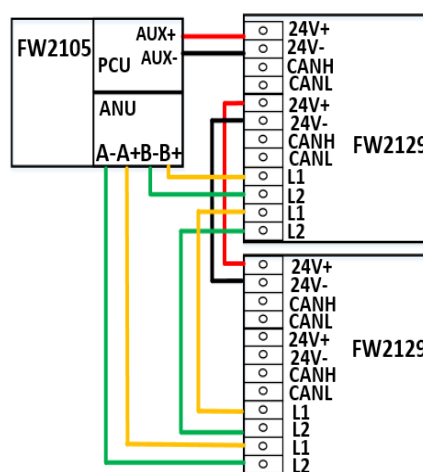


(b) Surface mounting

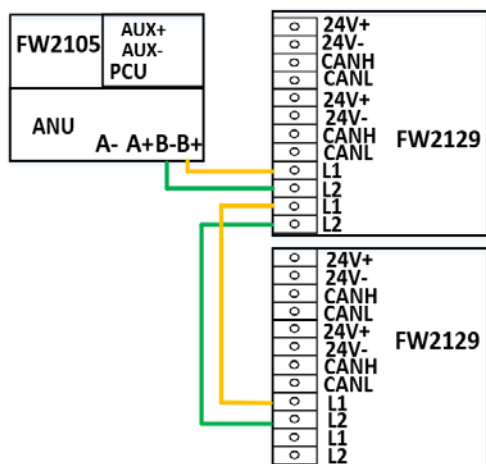
Figure 3 Mounting space



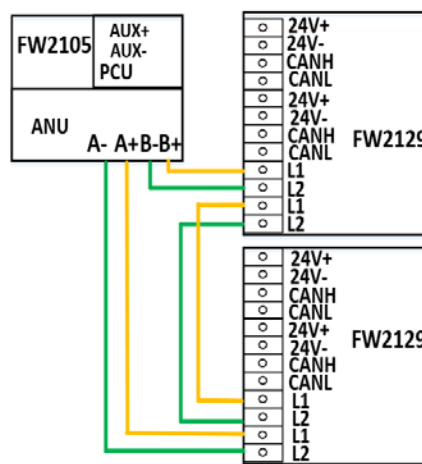
(a)CLASSB Network Unit Four Wiring



(b)CLASSA Network Unit Four Wiring



(c)CLASSB Network Unit Two Wiring



(d)CLASSA Network Unit Two Wiring

Figure 4 Remote Led Annunciator Network Unit Wiring