

# Fire Alarm Control Panel

## FA-400 SERIES



FA-400 SERIES

### Features

- Each zone indicator has two LEDs and movable plate for zone labeling.
- The test button is located on zone indicator that makes test easier.
- Control board has 11 control switches, 10 function indicators and 6 fault indicators that clearly show the status of panel to user.
- Accumulation functional designation that will eliminate false alarm caused by pulse or messy signal.
- External indicator power-save device that can set-up the indicator lighted or not lighted during power-off period but it will lighted when alarm condition is issued. This feature will extend the stand-by period for control panel.
- Built-in telephone device enables user to communicate with external telephone when buzzer sound and telephone indicator lighted.
- This control panel has manufactured according to UL and EN standard.

### Specification

| Model                               | FA-400 SERIES                     | Remark                        |
|-------------------------------------|-----------------------------------|-------------------------------|
| Power                               | 110/220VAC 50/60Hz                |                               |
| Voltage Scope                       | Nominal Voltage±20%               |                               |
| Standby Power                       | 24VDC                             |                               |
| Charging Voltage, Current           | 24VDC 100mA~400mA                 | With auto adjustment function |
| Loop Voltage, Current               | 24VDC short circuit under 5V 30mA |                               |
| #of heat detector connected         | No limit                          | Except electronic type        |
| #of smoke detector connected        | 30/loop                           | Horing Lih manufactured       |
| #of indicating lamp, bell connected | #of loop x 1.2                    |                               |
| End of line resistor                | 10kΩ                              | One per loop                  |
| Material                            | 1.6mmsteel plate                  |                               |
| Color                               | Ivory white                       | Others also available         |

### Dimensions

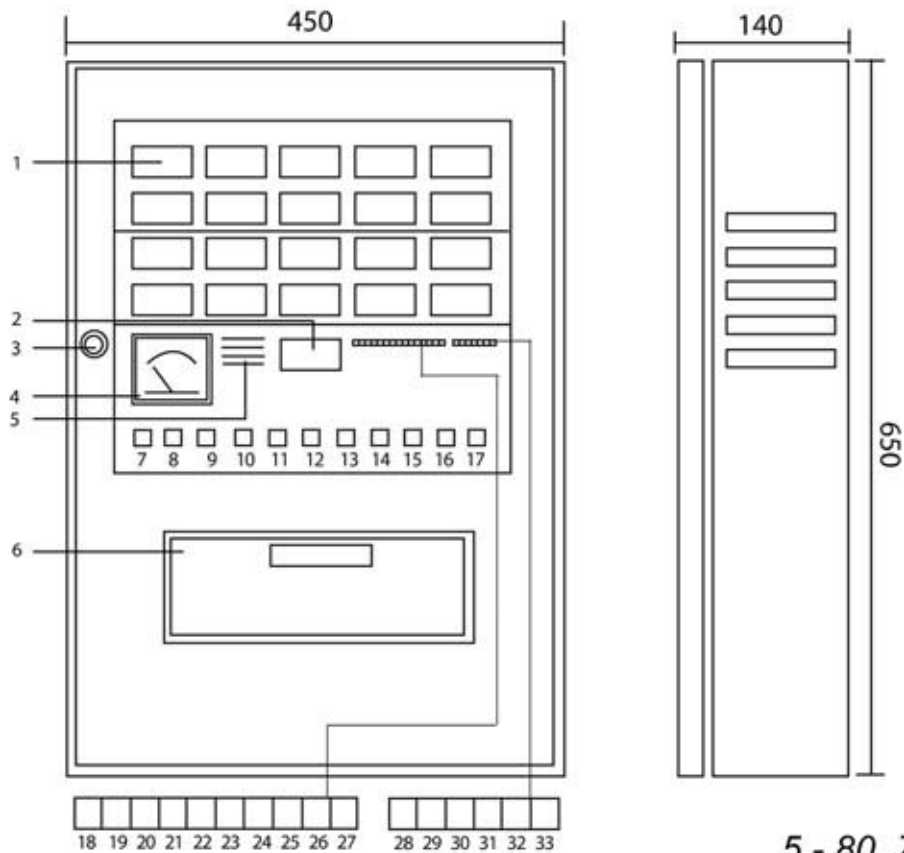
| Type | Wall Type |     |     |     |     |      |      |      |      |      |
|------|-----------|-----|-----|-----|-----|------|------|------|------|------|
| FA   | 405       | 410 | 415 | 420 | 430 | 440  | 450  | 460  | 470  | 480  |
| Zone | 5         | 10  | 15  | 20  | 30  | 40   | 50   | 60   | 70   | 80   |
| H    | 550       | 550 | 650 | 650 | 800 | 1000 | 1150 | 1300 | 1600 | 1600 |
| W    | 450       | 450 | 450 | 450 | 470 | 470  | 500  | 500  | 500  | 500  |
| D    | 130       | 130 | 140 | 140 | 150 | 160  | 160  | 170  | 180  | 180  |

Distributor: Champ Marketing Co.,Ltd.  
3280-3282 Sukhumvit Road, Bangna, Bangkok 10260  
Tel.02-7457891-4 <http://www.ChampMarketing.com>

# Fire Alarm Control Panel

## FA-400 SERIES

### Specification and Dimensions



5 - 80 ZONE

### Descriptions

- |                               |                                    |                                     |
|-------------------------------|------------------------------------|-------------------------------------|
| 1. Circuit Lights             | 12. Test Switch                    | 23. Telephone Indicating Light      |
| 2. Fire Alarm Light           | 13. Battery Check Switch           | 24. Transmitter Indicating Light    |
| 3. Panel Door Lock            | 14. Signal Transfer Switch         | 25. Water-shortage Indicating Light |
| 4. Voltmeter                  | 15. Accumulation Switch            | 26. Water-sdrawing Indicating Light |
| 5. Sound Device               | 16. Auto Reset Switch              | 27. Hydrant In-action Light         |
| 6. Telephone                  | 17. Reset Switch                   | 28. AC Power Failure Light          |
| 7. Circuit Break Sound Switch | 18. AC Power Indication Light      | 29. Battery Power Failure Light     |
| 8. Main Alarm Switch          | 19. Battery Indicating Light       | 30. Circuit Breaker Failure Light   |
| 9. Area Alarm Switch          | 20. Circuit Break Indicating Light | 31. Indicator Lamp Failure Light    |
| 10. Circuit Break Test Switch | 21. Alert Switch Light             | 32. Area Alarm Failure Light        |
| 11. Fire Alarm Test Switch    | 22. Accumulation In Action Light   | 33. DC Power Failure Light          |

Distributor: Champ Marketing Co.,Ltd.  
3280-3282 Sukhumvit Road, Bangna, Bangkok 10260  
Tel.02-7457891-4 <http://www.ChampMarketing.com>