



FIRE ALARM CONTROL PANEL

ISO
9001 : 2015

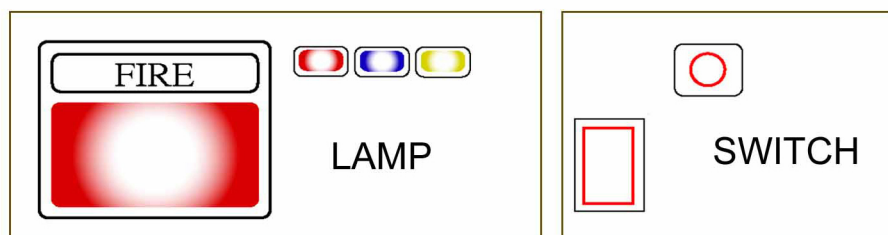
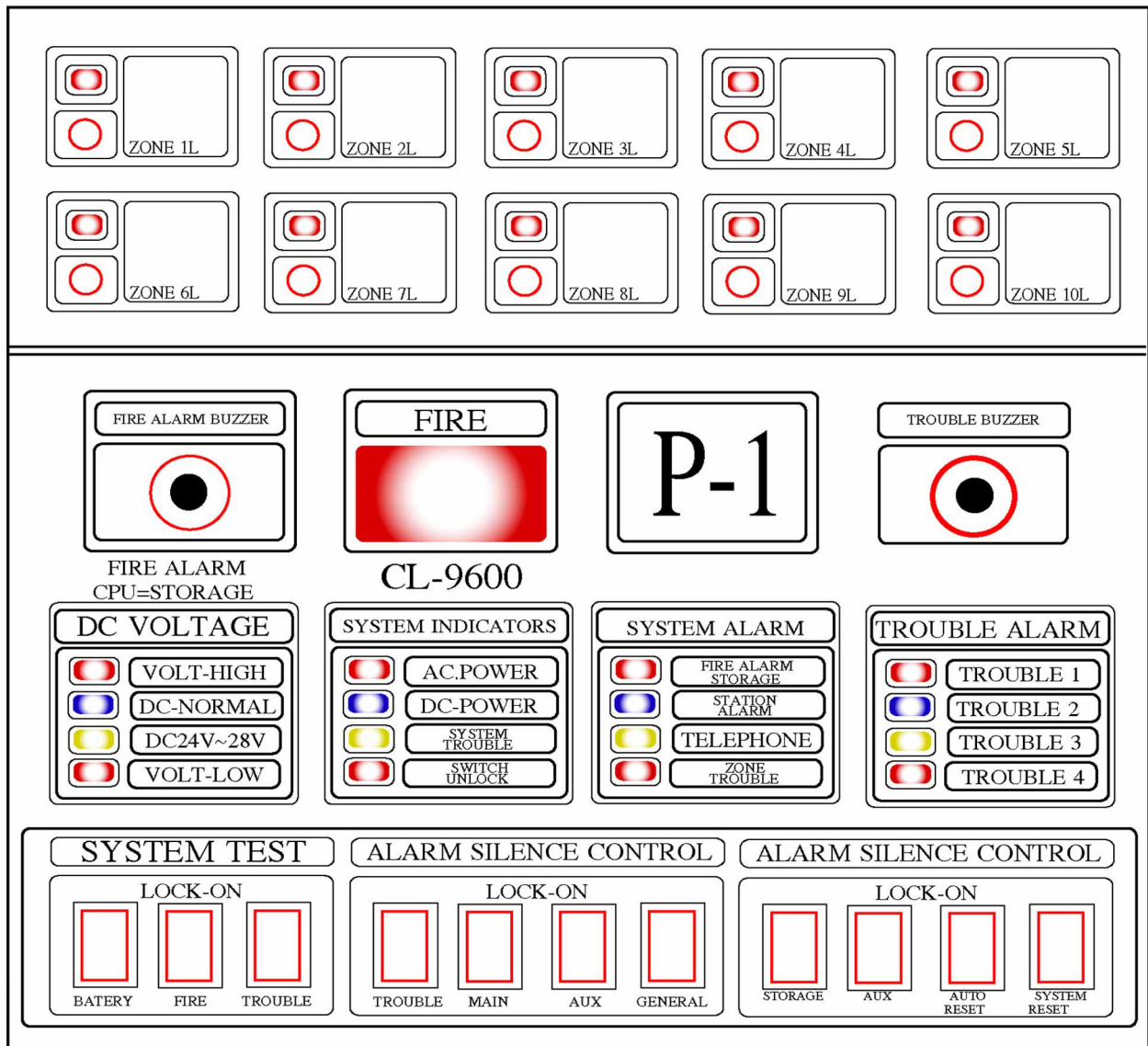
By manufactured :
Chang Long Fire Protection Inc.
MADE IN TAIWAN

Fire Alarm Control Panel

CL-9600

System Control And Indicator On Board

10 ZONE





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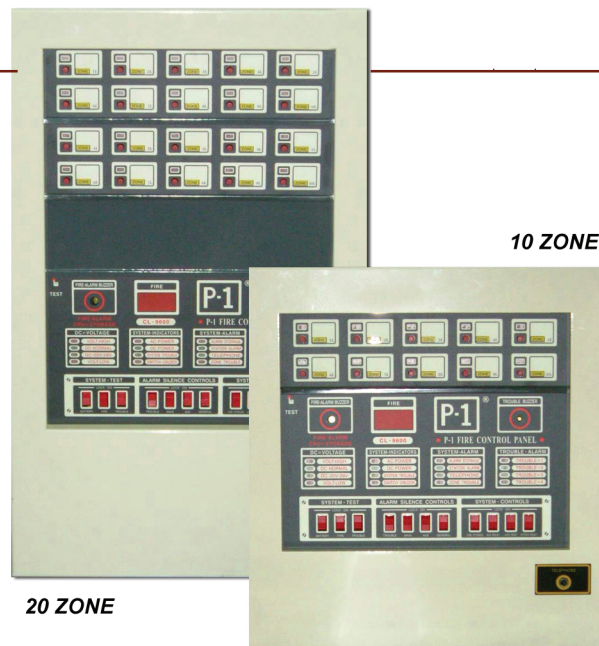
CL-9600

Electrical Feature

Type	: CL9600 Type P1
Standard	: CNS 8877 Z2044
Regular source	: AC220V (50/60Hz)
Reserve source	: DC24V close type, maintenance-free lead acid battery.
Circuit voltage	: Regular DC24V, Allowance DC19V-DC30V
End resistance	: 10K ohm ¼-1/W installed on the extreme end of the detector.
Exterior resistance	: Below 50 ohms after circuit action (When exterior line short circuit).
Detector	: Smoke detecting type, differential type, constant temperature type.
Main unit buzzing	: Built-in buzzer DC24V 90dB (on and off type)
Consolidated plate	: Within 30V30W maximum connections(fire circuit indicating lamp number X 1.3) pieces.
Consolidated plate	: Within 24V 100mA maximum connections (circuit rings number X 1.3) pieces
Consolidated plate	: To be used with area circuits or an independent circuit. pressing lock
Water alarm	: Point and line connecting by pump starter (No voltage A point connecting)
Point connecting	: (No voltage A point connecting) AC220V 5A (550VA)
Telephone set	: Two telephone receivers to each switchboard.
Appearance	: Steel plate 1.6 M/M color : Ivory (baking finish)
Spares	: End resistance, fuses and line chart as required num of circuit

Switch Operation : Up-setting Down-close

Circuit test	: Test one by one of the switches of the face board for fire warning and breaker circuit.
Battery test	: Test the battery,charging may be tested by basic board (charging lamp)during reverting.
Fire test	: If not set,test the fire circuits one by one by the switches on the face board.
Breaker test	: If not set,test the breaker circuit one by one by the switches on the face board.
Breaker sound	: If circuit breaking,the breaking buzzer sound may be controlled.
Main unit sound	: If circuit on fire,the main unit fire sound may be controlled.
Area sound	: When fire action,the combined plate area bell may be controlled
Emergency alarm	: Press on to start main unit sound and combined area bell directly.
Potential switch	: When setting,detecting error may be controlled by CPU automatically and circuit error eliminated.
Transmitting switch	: When fire action,pump starting plate or transmitting NO or NC point may be controlled.
Fire reversion	: When press on,fire action may be released and fire main unit may be reverted to supervising state.
Telephone	: When calling in,please take the telephone to start talking.



Face board indicating lamp : LED

Regular source	: Light on indicating alternating current in regular supply.
Reserve source	: Light on indicating alternating current in irregular supply and substituted by battery.
Line trouble	: When double-lamp lighted,indicating fuse trouble of main unit board.
Fire sound	: When fire warning received,warning sound is released (above 85dB)
Buzzer	: On and off indicating line broken, long sound indicating telephone trouble or water below level (electronic buzzer).
Dispatcher	: If lighted at the same time with the circuit,indicating (manual operation dispatcher).
Telephone	: If telephone light on,indicating incoming call,please take the receiver.
Breaker lamp	: Circuit light flash,indicating breaking line,or detector loosening,the buzzer will sound.
Fire warning	: (Red) Light on,please check the circuit lamp for fire area
Switch unfit	: Flash indicating the switch unfitted.
Fire potential lamp	: Double-lamp lighted,indicating fire confirmed by the second signal,explanation chart attached.
Digital	: Indicating regular power supply.(Above DC 20V, below DC 30V).
volt-meter	: Transmitted by pump starting plate, indicating tank water below level.
Water level warning	

Zone Detector And Dimension

Type	Wall Type											
Zone	5	10	15	20	30	40	50	60	70	80	90	100
W	400	400	400	400	400	400	400	520	520	520	520	520
H	430	430	620	620	790	950	1280	1040	1240	1240	1600	1600
D	120	120	150	150	150	150	150	160	180	180	180	180