

CONVENTIONAL FIRE ALARM CONTROL PANEL

BP-FD-CCP400



FEATURES

- It has 2 level control mode by a lock
- It has 24VDC power supply output
- It has FIRE and FAULT signal output
- It has 2 general sounders output
- Each zone has 1 circuit detectors input
- Each zone can be disabled by a button
- It has RESET button to reset the panel
- It has SILENCE button to stop BUZZER and SOUNDERS
- It has EVACUATE button to start a manual fire alarm immediately
- It has an optional GSM module for fire alarm by SMS
- It is economic, user-friendly and easy maintenance

SPECIFICATION

Model: BP-FD-CCP400	
Power specification	
Mains supply voltage	110VAC or 220VAC
Internal power supply	27.2VDC
Total output current limited	3A@220VAC
Main supply monitor for fault	YES
Battery protection for low voltage	YES
Batteries (default configuration)	12V2.3AH*2
Detector circuit specification	
Number of circuits	4
Line fault monitor for open circuit	YES
Line fault monitor for short circuit	YES
Line fault monitor for detector removal	Yes, if end of line monitor unit fitted in place of end of line resistor
End of line device	6.8k Ω , 5% tolerance, 0.5-1W (color code – blue, grey, red, gold)
Detector continuity diodes	Silicon 1N4001 or Schottky type (required if end of line monitor unit fitted to give detector removal fault)
Call point resistor value	470 to 680 Ω , 0.5 or 1 watt
Maximum number of smoke/heat detectors per zone	20 (based on a total detector current of 2mA, each detector consuming 100 μ A). Note: if end of line monitor unit is fitted, for correct operation maximum voltage drop must not exceed 12 volts
Maximum number of manual call points per zone	No limit
Sounder circuit specification	
Number of general circuits	2
End of line resistor value	6.8k Ω , 5% tolerance, 0.5-1W (color code – blue, grey, red, gold)
Line fault monitor for open circuit	Yes
Line fault monitor for short circuit	Yes
Outputs fused AT	600mA
Maximum number of bells @50mA of each Sounder output	12
Fuses	
Battery fuse	1.85A resettable fuse
Sounder outputs	600mA resettable fuse
Fire output	
Output type	NC and NO relay
Maximum current	100mA
Connection block	
Largest acceptable conductor size	2.5mm ²
Smallest acceptable conductor size	0.75mm ²
Size and weight	
Dimensions (mm)	315 x 250 x 90
Weight (with batteries)	7kg