



INTEGRAL TECHNOLOGIES

FA-CCP-MX Series

Microprocessor Conventional Fire Alarm Control Panel

The **FA-CCP-MX** range of conventional control panels features three models with 2, 4 and 8 Zones of detection. Housed in a stylish modern Fire Retardant ABS housing, the **FA-CCP-MX** is the ideal control panel for smaller installations.

Designed and manufactured to comply with the requirements of EN54 parts 2 and 4 (1998) the FA-CCP-MX uses active End of line monitoring to permit head removal protection as required by BS5839. (detector bases must be fitted with Diode)



The one man test facility enables simple and rapid testing of the system at commissioning and during maintenance operations.

Features:

- Universal Automatic power input 90-260 VOLTS 50/60 Hz.
- Up to 32 conventional smoke and /or heat detectors per zone
- Active End of Line Monitoring
- Two Access levels
- One man test
- Supervised auxiliary 24 volt output
- 2 supervised/ monitored sounder circuits
- 2 programmable inputs for remote silence, remote reset
- 2 Relay outputs fire and fault
- Power supply 1,7A at 28 Vdc
- Fully EN54 part 2 and 4 compliant
- ABS Fire retardant enclosure
- Repeater output



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Technical Specifications

Mains supply voltage	85-264v 50/60Hz
Internal power supply	Min.20V DC-Max.30V DC (28.5V DC nom.) Max. Ripple 1V p-p
Total output current	1,7A @230 Vac
Supply and battery charger monitored	YES
Batteries monitored	YES
Max battery size	2 x 12V 7AH SLA
Mains Fuse	4 A – 250 V Slow Blow – 20mm
Battery Fuse	1.6 Amp resettable – Electronic Fuse
Max Current from Battery (Mains Fails)	1.5 Amp Max.@ Max. Operating Temperature

Detection Circuit Specification

Number of circuits	2,4 or 8
Max cable resistance	40 Ohms
Max cable capacitance	0,470 uF
Zone current quiescent	Max 5 mA
Zone current Alarm	60mA max
End of Line Monitoring	Active Eol – CAPACITOR
BS5839 Detector removal complaint	YES provided diodes are fitted to detector base
Max. Number of detector per zone	32 – according to EN54 pt.2
Call point resistor value	470 to 680 Ohms

Sounder Circuit Specification

Number of circuits	2
End of Line Resistor value	10 K Ohms
Monitoring	Open and short circuit
Alarm Voltage	27.5 V DC
Sounder circuit Fuse	1.1 Amp resettable (Electronic Fuse)
Max. Current available	1 Amp @ 27,5 V DC Nominal

Auxiliary Outputs

Aux power output	27.5 V DC Nominal – Max. Current Drawn 300mA
Fire relay	Active in Fire condition, load 30V DC/1A resistive
Fault relay	Normally closed, fail safe open on any fault, load 30V/1A resistive

Auxiliary inputs

Class Change / Evacuation	Non-Latching – Voltage free contact
Remote Reset	Non-Latching – Voltage free contact
Remote Silence	Non-Latching – Voltage free contact

Dimensions

Size	274 (W) x 404 (L) x 109 (H) mm
Weight without batteries	1,6 Kgs

Operating Conditions

Operating Temperature	0 to +40 C
Max Relative Humidity	85% non condensing