



More than 50 years of fire extinguishing experience. Compliant with environmental legislation.

Kidde Fire Protection Systems

Dual Spectrum® Control Electronics Panel Model CEP

UTC Aerospace systems offers a Control Electronics Panel (CEP) which combines system control and interface functions into a single unit serving the dual purpose of control electronics and control panel.

Features

- Discrimination in crew compartment
- 30 minute time delay (off) with maintenance override switch
- External manual interface with driver override
- History mode
- CANBus digital protocol
- Complete supervision
- Fully qualified and fielded on thousands of Armored Combat Vehicles
- Automatic and manual crew and engine activation
- Manual and automatic BIT testing
- Provides lock-out under appropriate conditions

This approach reduces component weight and simplifies and reduces the weight of electrical wiring harnesses.

Capable of multiple zone detection and can drive up to eight high-speed extinguishers. It controls system power, manages system operation and can communicate with other vehicle subsystems.

The CEP monitors sensors automatically at start up and built-in test (BIT) may be manually activated by the operator at any time. When a fire is detected by a sensor, it will activate the appropriate extinguisher within milliseconds. If a crew extinguisher fails to operate, it can automatically activate a backup extinguisher. It provides the appropriate warnings and faults to inform the operator where the fire occurs, and which extinguishers were activated to suppress the fire.

The CEP includes power status indicators, engine fire warning activation, manual release, LAMP/BIT test initiate switch, and fault indicators. It is designed to interface with the PM-34CBEH and PM-34CSBEH (supervised) Dual Spectrum Infrared discriminating sensor with full BIT.



UTC Aerospace Systems

For additional information:
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Performance Specifications

Voltage Characteristic	Meets requirements of MIL-STD-1275A
Power	5 Watts @ 28 VDC
EMI	Qualified to appropriate CE, CS, RE and RS requirements of MIL-STD-461E
Weight	6 lbs maximum (2.7kg)
Temperature, Operational	-40°F to +160°F (-40°C to 71°C)
Environmental	Qualified to vibration, shock and humidity requirements of MIL-STD-810 for combat vehicle conditions



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