

COOPER Extinguishing control panel CF300X

INTRODUCTION :

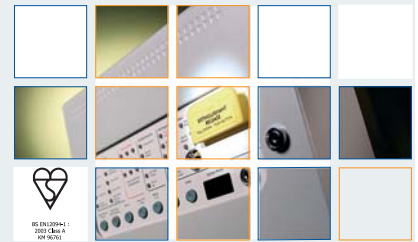
The CF300X control panel is designed in accordance with European standards EN54-2 and EN54-4 Fire Detection and Fire Alarm systems Control and Indicating Equipment. It is approved to EN12094-1 Fixed firefighting systems - Components for gas extinguishing systems - Part 1: Requirements and test methods for electrical automatic control and delay devices.

The CF300X is compatible with the all range of Cooper conventional detector, manual call point and sounders.

The control equipment is a combined fire alarm control panel and extinguishing system and has three detection zones, any or all of which are capable of contributing to the release decision.

In addition to the requirements of EN54-2 the control panel has the following facilities:

- Test condition ,
- delay of the actioning of fire alarm devices (sounders),
- fire alarm devices to enable an audible warning to be sounded throughout premises upon the detection of a fire condition or the operation of a manual call point,
- voltage free relay contacts for fire,
- delay of extinguishing signal of up to 60 seconds,
- signal representing the flow of extinguishing agent to indicate the released condition,
- monitoring of the status of components by way of a low pressure switch input,
- emergency hold device to enable the extinguishant delay time to be extended,
- control of flooding time to deactivate the releasing output after a set period of time.,
- manual only mode to disable the release of extinguishant via automatic detection devices,
- triggering of equipment outside the system by way of first and second stage contacts, extract fan output,
- activation of alarm devices with different signals to indicate pre-discharge and released warnings using different sounds.



Single Area Conventional Extinguishant Control Panel



TYPICAL APPLICATION SCHEMATIC

