Extinguishing control panel

CF300X Range

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. Approved to EN12094-1 fixed firefighting systems - components for gas extinguishing systems - Part 1.

The CF300X is compatible with all of the Cooper range of conventional detector, manual callpoint 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.

Features

- 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 callpoint
- 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

Status units

**CF300X-6LSU, CF300X-6LSU/S**
- 6 Lamp status unit*

**CF300X-6LSU-MS, CF300X-6LSU-MS/S**
- 6 Lamp status unit with mode select*

**CF300X-6LSU-MS-M, CF300X-6LSU-MS-M/S**
- 6 Lamp status unit with mode select & manual release*

**CF300X-10LSU-MS-M, CF300X-10LSU-MS-M/S**
- 10 Lamp status unit with mode select & manual release*

* Status units available in IP enclosures, prefix WP.
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Typical application schematic

Product Codes

- CF300X: 3 Zone control panel
- CF300X-6LSU: 6 Lamp status unit
- CF300X-6LSU/S: 6 Lamp status unit
- CF300X-6LSU-MS: 6 Lamp status unit, mode select
- CF300X-6LSU-MS/S: 6 Lamp status unit, mode select
- CF300X-6LSU-MS-M: 6 Lamp status unit, mode select, manual release
- CF300X-6LSU-MS-M/S: 6 Lamp status unit, mode select, manual release
- CF300X-10LSU-MS-M: 10 Lamp status unit, mode select, manual release
- CF300X-10LSU-MS-M/S: 10 Lamp status unit, mode select, manual release