



FIRE DETECTION DEVICES LTD.

Durable . Reliable . Trusted . Canadian

Model CF 135-2CO MP, CF 165-2CO MP, CF 200-2CO MP and CF 285-2CO MP

Description: Heat Detector, Moisture-proof , Fixed Temperature Only; Non-restorable, 135°F, 165°F, 200°F and 285°F respectively.

Detector has 2 sets contacts; Normally Open (N/O) and Normally Closed (N/C).

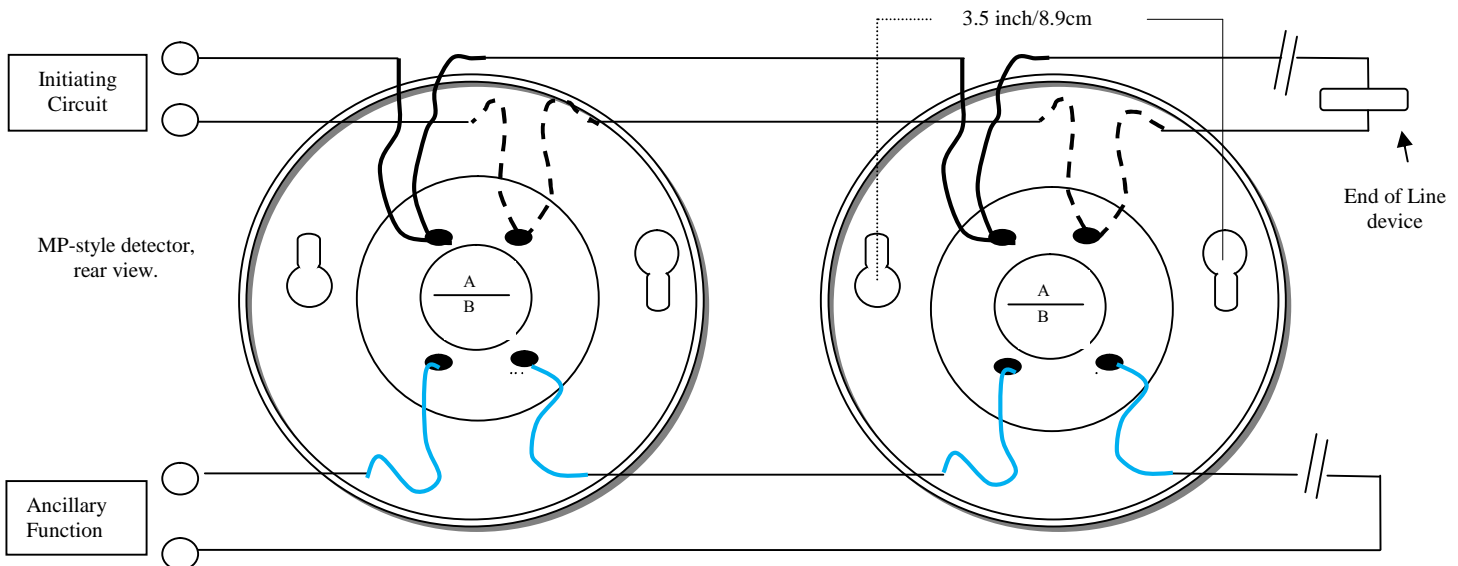
The prefix "CF in the model number indicates that these detectors are Fixed Temperature Only, (sometimes referred to as Non-restorable), incorporating wire leads that are connected to the two (2) internal sets of contacts, and a seal plate to prevent moisture from damaging the unit. The fixed temperature portion consists of a non-restorable, spring-loaded plunger retained by a fusible alloy that releases when the ceiling temperature reaches 57° C, (135° F) or 71° C (165°F), or 93° C (200°F) or 140° C (285°F).

When released, the plunger strikes the contacts and permanently holds the N/O set closed and the N/C set open. The Normally Open contacts are used to initiate a fire alarm while the Normally Closed contacts are used for an ancillary function.

Contact Rating: 3A @ 125 VAC, 1A @ 28 VDC, 0.3A @ 125 VDC, 0.1 A @ 250 VDC

Model #	Release Temp. F	Release Temp. C	Color dot on fin	Spacing between detectors*
CF 135-2CO MP	135	57	Black	40ft/12m
CF 165-2CO MP	165	71	Black and Grey	25ft/7.5m
CF 200 -2CO MP	200	93	Black and White	25ft/7.5m
CF 285-2CO MP	285	140	Black and Blue	25ft/7.5m

* assuming a flat, uninterrupted ceiling not exceeding 10ft/3m in height.



Notes to the Installer

1. This detector incorporates two (2) sets of wire leads labeled Circuit A and Circuit B.
2. Circuit A connects onto the Fire Alarm initiating circuit. The white leads (shown as dashed lines) are connected to one side of the Normally Open contacts, the black leads are connected to the other side of the contacts. The set of N/C contacts labeled Circuit B (blue wires) are used to initiate an ancillary function, typically by turning something off.
3. The detector CANNOT BE TESTED WITH A HEAT SOURCE! If the detector operates because the fusible link has released (this means that the detector cannot be restored), then the detector will go into the alarm mode closing circuit A and opening Circuit B.
4. Open flame devices should not be used to test the detector as the fusible link might operate causing permanent contact closure.