



Model CR 135 MP, CR 165 MP and CR 200MP

Description: Heat Detector, Moisture-proof , Combination Rate-of-Rise and Fixed Temperature, 135 ° F, 165°F and 200°F respectively.

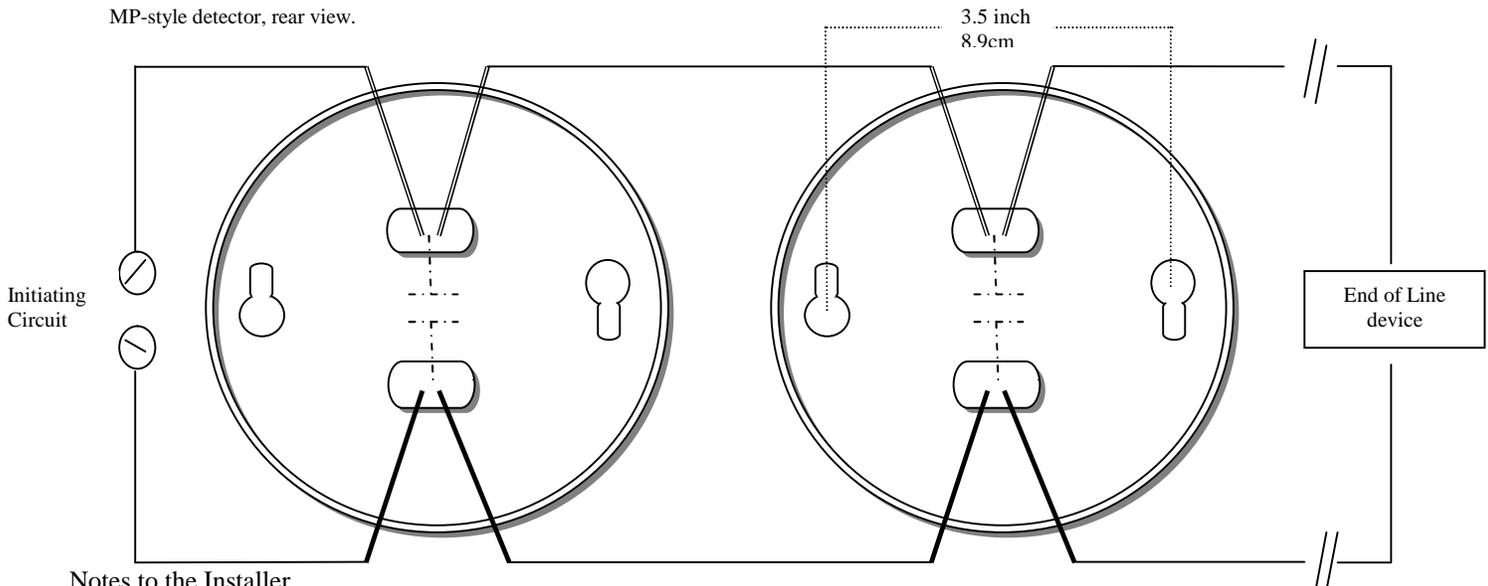
These detectors are *combination* Rate-of-Rise and Fixed Temperature,(sometimes referred to as “Dual Action”), incorporating wire leads that are connected to the internal set of Normally Open contacts, and a seal plate to prevent moisture from damaging the unit. The normally open contacts will close when the ceiling temperature **increases** at a (minimum) **rate** of 8.4 Celsius degrees (15 F. degrees) per minute. Closing the contacts initiates the fire alarm sequence. If the detector operates on its Rate-of-Rise only, the detector will reset as it cools.

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). When released, the plunger strikes the contacts and holds them closed.

Model #	Release Temp. F	Release Temp. C	Color dot on fin	Spacing between detectors*
CR 135 MP	135	57	None	70ft/21m
CR 165 MP	165	71	Grey	70ft/21m
CR 200 MP	200	93	White	70ft/21m

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

MP-style detector, rear view.



Notes to the Installer

1. This detector incorporates wire leads that connect onto the Fire Alarm initiating circuit. The white leads are connected to one side of the Normally Open contacts, the black leads are connected to the other side of the contacts.
2. The rate-of-rise function may be tested by heating the unit with a controlled heat source such as a hair dryer held at a distance of 20 to 30 cm. for a period of 10 to 20 seconds. When the detector operates, either on its rate-of-rise (which will restore when the detector cools), or if the detector operates because the fusible link has released (this means that the detector cannot be restored), then the fire alarm system will go into the alarm mode.
3. Open flame devices should not be used to test the detector as the fusible link might operate causing permanent contact closure.

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