



Conventional Detectors and Bases

BASE SPECIFICATIONS				
MODEL	Base ID	Compatible Detector ID	Alarm Current	Mounting Box
FCA-350-B4	HB-55	HD-3 or HD-5	150mA ^{limit externally} @12.0 - 33.0V max	3" Octagonal
FCA-350-B6	HB-55	HD-3 or HD-5	150mA ^{limit externally} @12.0 - 33.0V max	4" Octagonal / 4" Square
FCA-350-B6R24 ^{4 Wire 24V Base}	N/A	HD-3 or HD-5	43mA (58mA @ 30.0V max)	4" Octagonal / 4" Square
FCA-350-B6R12 ^{4 Wire 12V Base}	N/A	HD-3 or HD-5	47mA (75mA @ 18.0V max)	4" Octagonal / 4" Square
NOTES: Alarm current for 2-wire operation applies to the FACP Initiating Device Circuit and detector. Alarm current for 4-wire operation applies to the Auxilliary Power Supply and detector. FCA-350-B4 and FCA-350-B6 must be current limited by the FACP				

Refer to the Technical Bulletin for the following UL listed compatible detectors. Connect these detectors only to a listed-compatible control panel. Refer to the control panel installation manual for additional instructions. Smoke detectors are not to be used with detector guards unless the combination has been evaluated and found suitable for that purpose:

- FCP-350-P Multi-criteria Smoke Detector (Compatibility ID HD-3)
- FCP-350-PTH Multi-criteria Smoke and Heat Detector (Compatibility ID HD-3)
- FCH-350-135/FCH-350-190 Fixed Temperature and Rate of Rise Detector (Compatibility ID HD-3)

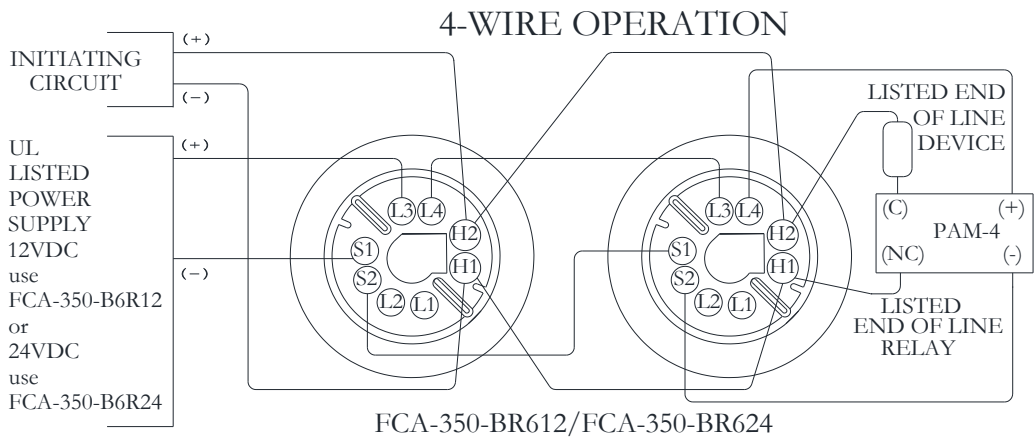
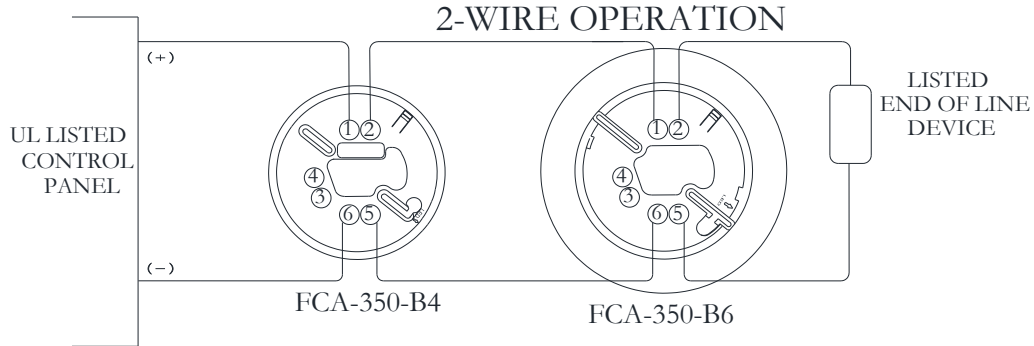
Detectors must be installed and maintained in accordance with applicable NFPA standards, local codes and any authority having jurisdiction. Refer to NFPA 72 "National Fire Alarm and Signaling Code" for installation guidelines and testing procedures. Smoke detectors should be tested in accordance with NFPA 72, section on "Inspection, Testing and Maintenance".

Seal conduit openings in the electrical box with 3M Weatherban #606 nonflammable sealing compound (or equivalent) to reduce the stack effect. Attach the detector to the base by turning the detector clockwise until it stops.

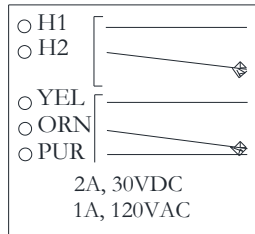


BOSCH

INSTALLATION AND MAINTENANCE INSTRUCTIONS



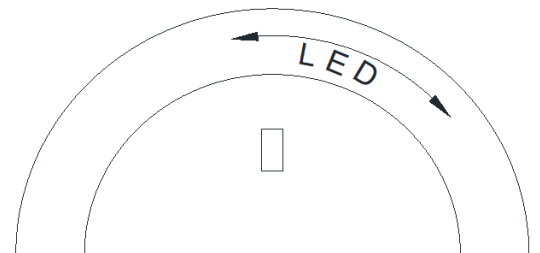
FCA-350-BR612/-BR624 CONTACTS, SHOWN WITH POWER OFF, NORMAL OPERATION.



Go/No-Go testing can be used to confirm a detector is within its sensitivity limits and operating normally

GO/NO-GO TESTING FCP-350-P/FCP-350-PTH

1. Place the Test Magnet to align the LED marking as shown.
2. For go: The detector will blink red every second. Holding the magnet in position for at least 13 seconds will cause the detector to alarm with the red LED latched on.
For no-go: After at least 13 seconds, the detector will continue to blink red every 3 seconds and never alarm or latch red.
3. Upon reset, the smoke detector LED should blink Green every 3 seconds. If the detector blinks red, it should be replaced.



FCP-350-P/FCP-350-PTH