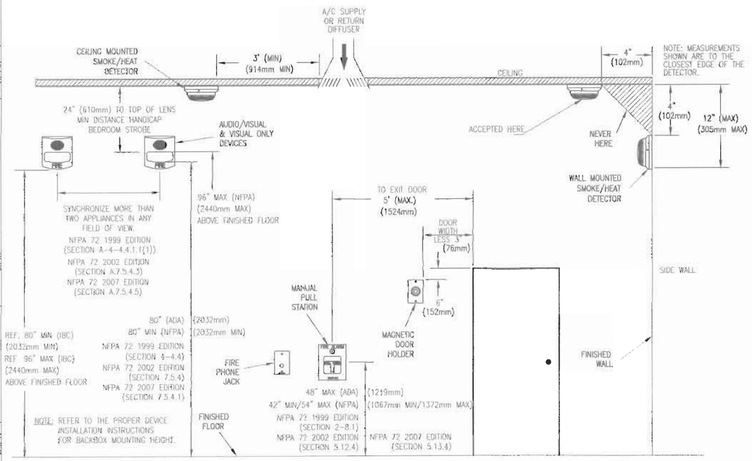
## DEVICE MOUNTING HEIGHTS (PER NFPA 72)




## DETECTOR LOCATION REQUIREMENTS FOR WALL SECTIONS

NFPA 72

| DEPTH OF WALL SECTION ABOVE DOOR | DOOR FRAME MOUNTED | CEILING MOUNTED |
|---|---|---|
| d | SMOKE DETECTOR LISTED FOR FRAME MOUNTING OR AS PART OF CLOSER ASSEMBLY | SMOKE DETECTOR CEILING MOUNTED |
| 0 – 610 mm (0 – 24 in.) ON BOTH SIDES OF DOORWAY | A: d=610mm (24 in.) DETECTOR OR DETECTOR CLOSER MOUNTED ON EITHER SIDE | B: 100–300 mm; d; max. 1.52 m (5 ft) or 2 m; but not less than 305 mm (12 in.); ONE DETECTOR MOUNTED ON EITHER SIDE |
| OVER 610 mm (24 in.) ON ONE SIDE ONLY | C: d1 ≤ 610mm (24 in.); d2 > 610mm (24 in.); DETECTOR OR DETECTOR CLOSER MOUNTED ON HIGHER SIDE | D: 100–300 mm; d1 ≤ 610mm (24 in.); d2 > 610 mm (24 in.); 1.52 m (5 ft) max. min. = d2; ONE DETECTOR MOUNTED ON HIGHER SIDE |
| OVER 610 mm (24 in.) ON BOTH SIDES | E: d > 610mm (24 in.); DETECTOR OR DETECTOR CLOSER MOUNTED ON EITHER SIDE | F: 1.52 m (5 ft) max. min. = d; 1.52 m (5 ft) max. min. = d; TWO DETECTORS REQUIRED |
| OVER 1524 mm (60 in.) | G: MIGHT REQUIRE ADDITIONAL DETECTORS | |

## 4099-9001 SINGLE ACTION IDNET ADDRESSABLE STATION

PRODUCT INFORMATION

FEATURES:
- UL LISTED
- SINGLE ACTION, IDNET ADDRESSABLE
- PULL LEVEL PROTRUDES WHEN ALARMED
- TAMPER RESISTANT RESET KEY LOCK
- MOUNTING: SEMI-FLUSH, SURFACE
- OPERATING TEMPERATURE RANGE: 32 - 122 F
- OPERATING HUMIDITY RANGE: 0 – 93% RH
- ADAPTER PLATES 2099-9813 OR 2099-9814 CAN BE USE FOR RETROFIT APPLICATIONS.
- 5" HIGH X 2 3/4" WIDE X 1" DEEP
- SCREW TERMINALS FOR 18 TO 14 AWG WIRE
- ADDRESSED BY MEANS OF AN 8 POSITION DIP SWITCH
- COMPATIBLE WITH IDNet/MAPNET

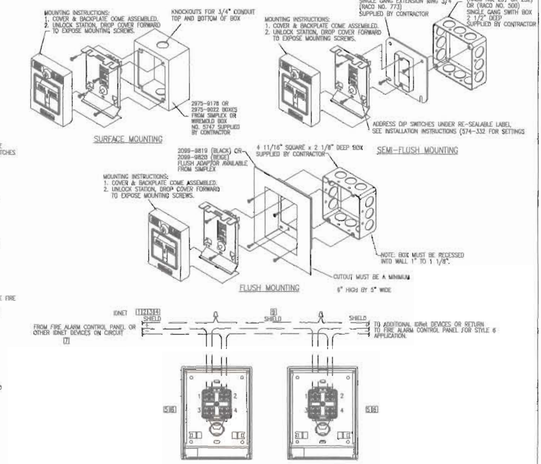
OPERATION:
ACTIVATION:
4099-9001 SINGLE ACTION STATION REQUIRES A FIRM DOWNWARD PULL TO ACTIVATE THE ALARM SWITCH. COMPLETING THIS ACTION BREAKS AN INTERNAL PLASTIC BREAK-ROD THAT IS VISIBLE BELOW THE PULL LEVER (USE OF PLASTIC ROD IS OPTIONAL). THE PULL LEVEL LATCHES INTO THE ALARM POSITION AND REMAINS EXTENDED OUT OF THE HOUSING TO PROVIDE A VISIBLE INDICATION.
RESETTING
4099-9001 SINGLE ACTION STATION REQUIRES A KEY TO RESET THE ACTIVATION LEVER AND DEACTIVATE THE ALARM SWITCH.
[IF OPTIONAL PLASTIC BREAK ROD WAS USED IT MUST BE REPLACED]

CONSTRUCTION:
STATION HOUSING AND PULL LEVER ARE CONSTRUCTED OF CHIP RESISTANT AND DIRT RESISTANT, HIGH IMPACT LEXAN.
HOUSING IS RED WITH RAISED WHITE LETTERING AND PULL LEVER IS WHITE WITH RED RAISED LETTERING.
* LEXAN IS A REGISTERED TRADEMARK OF THE GENERAL ELECTRIC CO.

APPLICATION:
PULL STATIONS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72 AND AHJ GUIDE LINES.

INTRODUCTION:
THE 4099-9001 ADDRESSABLE PULL STATION PROVIDES TWO-STATE STATUS INFORMATION (NORMAL AND SHORT) TO THE IDNET COMPATIABLE FIRE ALARM CONTROL PANEL (FACP) ON THE IDNET CHANNEL. THE IDNET CHANNEL PROVIDES THE COMMUNICATION LINK BETWEEN PULL STATION AND THE FACP AND POWERS THE ENTIRE CIRCUITRY.

WIRING:
1. ALL WIRING TO COMPLY WITH LOCAL CODE.
2. CONDUCTORS MUST TEST FREE OF ALL GROUNDS.
3. MAINTAIN CORRECT POLARITY
4. IDNET LINES ARE TO BE 18 AWG TWISTED SHIELDED PAIR
5. MAXIMUM LINE RUN FROM PANEL TO FARTHEST DEVICE MST TO EXCEED 2500 FEET.
6. MAXIMUM TOTAL WIRE LENGTH (INCLUDING ALL T-TAPS) FROM PANEL MST TO EXCEED 10,000 FEET.
7. MAXIMUM QUANTITY OF DEVICES PER CIRCUIT: 250
8. TERMINALS 1 AND 2 FOR FIELD WIRING. TERMINALS 3 AND 4 ARE FACTORY WIRING.
9. WIRE NUT, SPLICE, OR SOLDER THE SHIELD WIRES.
10. IF SHIELD IS PRESENT, IT SHOULD BE CONNECTED TO THE OUTGOING IDNET SHIELD TO PROVIDE A CONTINUOUS SHIELD OVER THE LENGTH OF THE IDNET CHANNEL. SHIELD SHOULD BE INSULATED FROM THE ELECTRICAL BOX.
11. SEE INSTALLATION INSTRUCTIONS 574-332




## 4098-9792 STANDARD SENSOR BASE

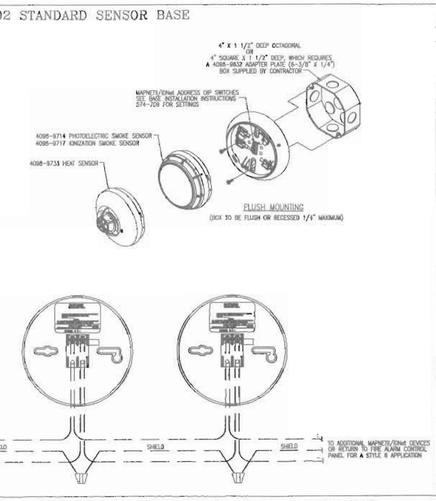
PRODUCT INFORMATION

FEATURES:
- UL LISTED, FM APPROVED
- TRUEALARM ANALOG SENSORS PROVIDES DIGITAL TRANSMISSION OF ANALOG SENSOR VALUES VIA MAPNET®, OR IDNet TWO WIRE COMMUNICATIONS
- FIRE ALARM CONTROL PANEL PROVIDES:
  - INDIVIDUAL SENSITIVITY SELECTION FOR EACH SENSOR
  - PEAK VALUE LOGGING ALLOWING ACCURATE ANALYSIS FOR SENSITIVITY SELECTION
  - AUTOMATIC ENVIRONMENTAL COMPENSATION
  - DISPLAY OF SENSITIVITY IN PERCENT PER FOOT
  - MULTISTAGE ALARM OPERATION
  - ABILITY TO DISPLAY AND PRINT DETAILED SENSOR INFORMATION IN PLAIN ENGLISH LANGUAGE
- PHOTOELECTRIC SMOKE SENSOR 4098-9714:
  FOUR LEVELS OF SENSITIVITY FROM 0.2% TO 3.7%
- IONIZATION SMOKE SENSOR 4098-9713:
  FOUR LEVELS OF SENSITIVITY FROM 0.5% TO 1.7%
- HEAT SENSOR 4098-9733:
  - FIXED TEMPERATURE DETECTION IS SELECTABLE AT THE CONTROL PANEL FOR EITHER 135° OR 157° FIXED ALARM
  - FIXED TEMPERATURE SENSING IS INDEPENDENT OF RATE-OF-RISE AND PROGRAMMABLE FOR OPERATE AT 135° OR 157°
  - TRUEALARM HEAT SENSORS CAN BE PROGRAMMED AS A UTILITY DEVICE TO MONITOR FOR TEMPERATURE EXTREMES IN THE RANGE FROM 32° F TO 120° F.
- UL STANDARD SPACING:
  -50 FT SPACING FOR 135° F
  -40 FT SPACING FOR 157° F
- INTEGRAL RED LED FOR POWER-ON (PULSING), OR ALARM OR TROUBLE (STEADY ON)
- BASE MOUNTED ADDRESS SELECTION:
  -ACCESSIBLE FROM FRONT (DIP SWITCH UNDER SENSOR)
  -ADDRESS REMAINS WITH ITS PROGRAMMED LOCATION
- FOR USE WITH SIMPLEX 4010, 4100, 4020, AND 4120 SERIES CONTROL PANELS.
- MAXIMUM QUANTITY OF DEVICES:
  -127 FOR 4020, 4100, 4120
  -250 FOR 4010, 4100U
- MOUNTING: CEILING OR WALL
- COLOR = FROST WHITE
- BASE DIMENSIONS: 10/16" X 4-7/8"

SPECIFICATIONS:
- UL LISTED TEMPERATURE RANGE: 32°F TO 100°F
- OPERATING TEMPERATURE RANGE: 32°F TO 120°F
- HUMIDITY RANGE: 10% TO 93% RH
- PHOTOELECTRIC SENSOR AIR VELOCITY RANGE: 0-2000 FT/MIN
- IONIZATION SENSOR AIR VELOCITY RANGE: 0-300 FT/MIN
- WIRING CONNECTIONS: SCREW TERMINALS FOR IN/OUT WIRING, #18 TO #14 AWG
- COMMUNICATIONS: MAPNET®/IDNet- 1 ADDRESS PER BASE
  VOLTAGE: (MAPNET/IDNet): 24-40VDC
  CURRENT: 400uA TYPICAL

DESCRIPTION:
TRUEALARM SENSOR BASES CONTAIN INTEGRAL ADDRESSABLE ELECTRONICS THAT CONTINUALLY MONITOR THE STATUS OF THE DETACHABLE PHOTOELECTRIC, IONIZATION, OR HEAT SENSORS. EACH SENSOR'S OUTPUT IS DIGITIZED AND TRANSMITTED TO THE SYSTEM FIRE ALARM CONTROL PANEL EVERY FOUR SECONDS. SINCE TRUEALARM SENSORS USE THE SAME BASE, DIFFERENT SENSOR TYPES CAN BE EASILY INTERCHANGED TO MEET SPECIFIC LOCATION REQUIREMENTS. THIS FEATURE ALLOWS INTENTIONAL SENSOR SUBSTITUTION DURING BUILDING CONSTRUCTION. WHEN CONDITIONS ARE TEMPORARILY DUSTY, INSTEAD OF COVERING THE SMOKE SENSORS, HEAT SENSORS MAY BE INSTALLED WITHOUT REPROGRAMMING THE CONTROL PANEL. ALTHOUGH THE CONTROL PANEL WILL INDICATE AN INCORRECT SENSOR TYPE, THE HEAT SENSOR WILL OPERATE AS A DEFAULT SENSITIVITY PROVIDING HEAT DETECTION FOR BUILDING PROTECTION AT THAT LOCATION.

WIRING:
1. ALL WIRING TO COMPLY WITH LOCAL CODE.
2. CONDUCTORS MUST TEST FREE OF ALL GROUNDS.
3. MAINTAIN CORRECT POLARITY
4. MAPNET®/IDNet WIRING TO BE #18 AWG TWISTED SHIELDED PAIR
5. IF SHIELD IS USED, TWIST SHIELD WIRES TOGETHER AND CAP WITH WIRE NUT. SHIELD SHOULD BE INSULATED FROM ELECTRICAL BOX.
6. REFER TO INSTALLATION INSTRUCTIONS (574-702)
7. REFER TO APPLICATION MANUAL (574-706)




## 4098-9756 ADDRESSABLE 4-WIRE DUCT SENSOR MAPNET II/IDNet WITH 24VDC RELAY

PRODUCT INFORMATION

FEATURES:
- MAPNET® OR IDNET SENSOR HOUSING WITH CLEAR COVER TO MONITOR FOR THE PRESENCE OF SMOKE
- INCLUDES FACTORY INSTALLED MULTI-FUNCTIONAL PHOTOELECTRIC SMOKE DETECTOR AND FEATURES:
  - PROVIDES ANALOG DETERMINATION PROCESS BY THE HOST PROTOCOL ADDRESS DECODER/CONTROLLER FOR SENSITIVITY
  - DIGITAL TRANSMISSION OF ANALOG SENSOR VALUES VIA MAPNET II OR IDNet 2-WIRE COMMUNICATIONS
  - PROGRAMMABLE SENSITIVITY, CONSISTENT ACCURACY, DRIFT COMPENSATION, DIRTY SENSOR DETECTION, AND MONITORING OF SENSOR DRIFT ACCUMULATION
- DUCT SENSOR HOUSING WITH SUPERVISED OUTPUT FOR ALARM, TROUBLE, AND AIRFLOW. RELAY OUTPUT RATED AT 1A VDC, 24VDC AND 120VAC FOR ALARM, CONTROL, AND CAN BE SUPERVISED AND MANUALLY RESET BY A SERVICE ALARM INPUT.

GENERAL FEATURES:
- UL LISTED TO STANDARD 268A
- CLEAR COVER FOR VISUAL INSPECTION
- TWO CAPS FOR CONDUIT FUNCTIONS AND/OR TESTING ACCESS
- MOUNTS TO RECTANGULAR DUCTS OR ROUND DUCTS (MINIMUM SIZE 8" SQUARE OR 10" DIAMETER)
- MAGNETIC TEST FEATURE FOR ALARM INITIATION AT HOUSING WITHOUT OPENING COVER. TEST MAGNET IS INTEGRAL AND SEPARATELY ORDERED TO DATA SHEET 54098-0032

DIAGNOSTIC LEDS (ON INTERFACE BOARD):
- RED ALARM/TROUBLE LED FOR SENSOR STATUS AND COMMUNICATIONS POLLING DISPLAY
- YELLOW LED FOR OPEN OR SHORTED TROUBLE INDICATION OF SUPERVISED RELAY CONTROL

SAMPLING TUBES (ORDERED SEPARATELY):
- AVAILABLE IN MULTIPLE LENGTHS TO MATCH DUCT SIZE
- INSTALLED AND SERVICED WITH HOUSING IN PLACE

REMOTE MODULE OPTIONS (ORDERED SEPARATELY):
- RED STATUS/ALARM LED (2098-9808)
- TEST STATION WITH LED (2098-9806)
- RELAYS USED (4098-9843)

SPECIFICATIONS:

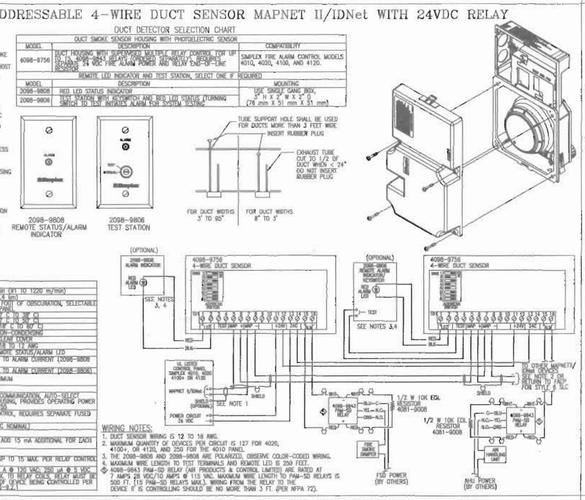
| GENERAL SPECIFICATIONS | |
|---|---|
| AIR VELOCITY RANGE (SENSOR ELEMENT) | 300 TO 4000 FT/MIN (91 TO 1220 M/MIN) |
| DUCTWIDTH | 10" TO 6000 FT (914 M) |
| AIR VELOCITY SENSITIVITY RANGE | 1/2" TO 6" (13 TO 152 MM) OF OBSCURATION, SELECTABLE AT REMOTE CONTROL PANEL |
| UL TRUNK TEMPERATURE RANGE | 32° F TO 120° F (0° C TO 49° C) |
| OPERATING TEMPERATURE RANGE | 32° F TO 120° F (0° C TO 49° C) |
| STORAGE TEMPERATURE RANGE | 0° F TO 140° F (-18° C TO 60° C) |
| HUMIDITY RANGE | 10% TO 93% RH (NON-CONDENSING) |
| HOUSING COVER | BLACK, SMOKE WITH CLEAR COVER |
| HOUSING DIMENSIONS | RECTANGULAR, 6.5"W X 3.25"H X 2.25"D |
| REMOTE STATUS/ALARM LED AND TEST STATION WITH REMOTE STATUS/ALARM LED | |
| REMOTE ALARM LED CURRENT | 1/2 (ON, NC MAPNET TO ALARM CURRENT (2098-9808) |
| TEST STATION NORMOUS CURRENT | 3.5 (ON, NC MAPNET TO ALARM CURRENT (2098-9808) |
| REMOTE ALARM LED AND TEST STATION DISTANCE | 250 FT. (76m) MAXIMUM |
| ADDRESSABLE OPERATION | |
| DATA COMMUNICATIONS | MAPNET OR IDNet COMMUNICATION, AUTO-SELECT 1 ADDRESS PER SENSOR, PROVIDES OPERATING POWER TO THE SENSOR (4098-9756) |
| MODEL 4098-9756 WITH SUPERVISED MULTI-FUNCTIONAL RELAY CONTROL, REQUIRES SEPARATE FUSED 24 VDC FROM FIRE ALARM POWER SUPPLY | |
| INPUT VOLTAGE | 18-32 VDC (24 VDC NOMINAL) |
| STANDBY CURRENT | 7.4 mA @ 24 VDC |
| ALARM CURRENT | 15 mA @ 24 VDC |
| RELAY CONTACTS | 1 - 2A @ 24 VDC AND 15 mA ADDITIONAL FOR EACH 4098-9843 RELAY MODULE |
| 4098-9843 RELAY OUTPUT RATING | SINGLE FORM C |
| COIL CURRENT | 18 mA @ 24 VDC UP TO 15 MAX. PER RELAY CONTROL |
| RELAY CONTACTS, RESISTIVE RATING | 2 A @ 30 VDC, 0.3 A @ 110 VAC, 60 Hz |
| LOCATION DISTANCE | MINIMUM 1 FOOT (305 mm) FROM HVAC DUCT BENDS OR OBSTRUCTIONS TO ENSURE CONTROLLED PER NFPA 72, SECTION 5-9.1. BEAM CONTROLLED PER NFPA 72, SECTION 5-9.3. |

DUCT DETECTOR SELECTION CHART

| MODEL | DUCT SMOKE SENSOR HOUSING WITH PHOTOELECTRIC SENSOR DESCRIPTION | COMPATIBILITY |
|---|---|---|
| 4098-9756 | DUCT HOUSING WITH SUPERVISED MULTIPLE RELAY CONTROL FOR UP TO 10 RELAYS. 24 VDC FIRE ALARM POWER AND RELAY END-OF-LINE RESISTOR | SIMPLEX FIRE ALARM CONTROL MODELS 4010, 4020, 4100, AND 4120. |

REMOTE LED INDICATOR AND TEST STATION, SELECT ONE IF REQUIRED

| MODEL | DESCRIPTION | MOUNTING |
|---|---|---|
| 2098-9808 | RED LED STATUS INDICATOR | DSC SINGLE GANG BOX, 3" H X 2" W X 2" D, (76 mm X 51 mm X 51 mm) |
| 2098-9806 | LED STATION WITH RESPONSE AND RES LED STATUS FLASHING SWITCH TO TEST INITIATE ALARM FOR SYSTEM TESTING | |




## 4090-9001 IDNET, SUPERVISED INDIVIDUAL ADDRESSABLE MODULE (IAM)

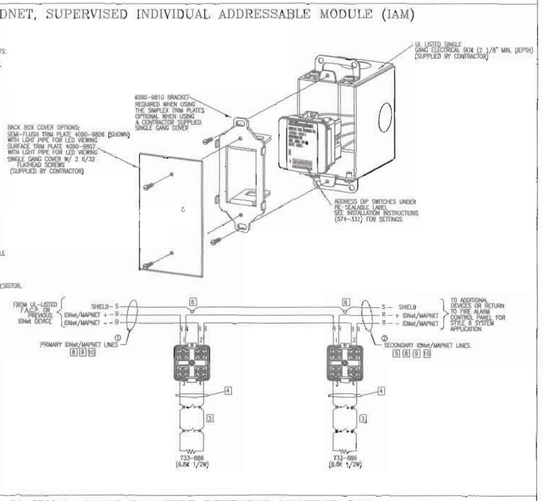
PRODUCT INFORMATION

FEATURES:
- UL LISTED
- ADDRESSABLE COMMUNICATIONS SUPPLY BOTH DATA AND POWER TO PROVIDE:
  - SUPERVISED STYLE B MONITORING OF NORMALLY OPEN DRY CONTACTS.
  - COMMUNICATIONS WIRING USING ONE TWISTED, SHIELDED WIRE PAIR.
- COMPATIBLE WITH SIMPLEX ADDRESSABLE FIRE ALARM CONTROL PANELS.
- COMPACT, SLEEKED CONSTRUCTION:
  - ALLOWS MOUNTING IN A SINGLE GANG BOX
  - REDUCES DUCT INFILTRATION
- PROVIDES CURRENT LIMITED MONITORING
  - TO MONITOR TAMPER SWITCH (SUPERVISORY) AND WATER FLOW SWITCH (ALARM) ON SAME CIRCUIT
  - REQUIRES ONLY ONE ADDRESSABLE POINT
- SELECTABLE LATCHING OPERATION
  - MONITORS MOMENTARY CONTACT CLOSURES SUCH AS RATE-OF RISE HEAT DETECTORS

SPECIFICATIONS:
- WIRE CONNECTIONS: SCREW TERMINALS FOR IN/OUT WIRING
  FOR WIRE FROM #18 TO #14 AWG.
- DIMENSIONS: 1 9/16" X 1-3/4" X 1 1/4"
- TEMPERATURE RANGE: 32 F TO 120 F
- HUMIDITY: UP TO 93% RH AT 100 F
- SUPERVISION RESISTOR: 5.6K+/- 1/2W, (SUPPLIED)
  SIMPLEX PART NO. 733-866
- RESISTOR FOR CURRENT LIMITED OPERATION: 4.7K+/- 1/2W
  WITH a 1.0K+/- 1/2W
- INPUT REQUIREMENTS: NORMALLY OPEN, DRY CONTACTS
- HOUSING MATERIAL: BLACK THERMOPLASTIC

DESCRIPTION:
THE 4090-9001 IS AN INDIVIDUAL ADDRESSABLE MODULE (IAM) WITH POWER AND COMMUNICATIONS SUPPLIED BY A TWO WIRE ADDRESSABLE CIRCUIT. IT PROVIDES LOCATION SPECIFIC ADDRESSABILITY TO A SINGLE INITIATING DEVICE (SUCH AS SINGLE STATION SMOKE DETECTOR, MANUAL PULL STATION, OR WATERFLOW SWITCH) ON MULTIPLE DEVICES AT THE SAME LOCATION BY MONITORING A NORMALLY OPEN, DRY CONTACTS AND THE WIRING TO AN END-OF-LINE RESISTOR. CLOSURE OF THE MONITORED CONTACTS INITIATES AN ALARM OR OTHER RESPONSE AS PROGRAMMED AT THE FIRE ALARM CONTROL PANEL. AN OPEN IN THE MONITORED CIRCUIT WIRING WILL CAUSE A TROUBLE TO BE REPORTED.
IF THE INITIATING DEVICE CONTACTS ARE MOMENTARY, SUCH AS FROM A RATE-OF-RISE HEAT DETECTOR, ENABLING THE LATCH OPTION WILL CAUSE THE MODULE TO REMAIN IN ALARM UNTIL SYSTEM IS RESET. FOR APPLICATIONS WHERE THE CONTACT CLOSURE LATCHES, OR IF ITS CONDITION NEEDS TO BE TRACKED AT THE CONTROL PANEL NON-LATCHING OPERATION MAY BE ENABLED.

WIRING NOTES:
1. ALL WIRING TO COMPLY WITH LOCAL CODE.
2. CONDUCTORS MUST TEST FREE OF ALL GROUNDS.
3. ONLY N.O. DRY CONTACTS ARE ALLOWED.
4. MAXIMUM WIRE LENGTH (NO. 18 AWG) IS 400 FT. W/2081-9044 OVER VOLTAGE PROTECTORS OR 400 FT. W/O PROTECTORS.
5. A MAXIMUM QUANTITY OF DEVICES PER CIRCUIT: CONTROL PANEL MODULE DEPENDENT.
6. WIRE NUT, SPLICE, OR SOLDER THE SHIELD WIRES. TAPE EXPOSED SHIELD WIRE.
7. REFER TO INSTALLATION INSTRUCTIONS 574-334.
8. MAXIMUM ALLOWABLE LINE RUN FROM THE F.A.C.P. TO THE FARTHEST DEVICE, NOT TO EXCEED 2500 FEET.
9. MAXIMUM TOTAL WIRE ENCLOSURES ALL T-TAPS) FROM THE FIRE ALARM CONTROL PANEL.
10. FOR STYLE 6 CIRCUIT WIRING, IT IS RECOMMENDED THAT THE PRIMARY (IN) AND THE BACK-UP (IN) LINES TO SPARATE WIRE RUNS AND COMPLY WITH LOCAL REQUIREMENTS.
11. REFER TO FIELD WIRING DIAGRAM 842-273




## TrueAlert™ NON-ADDRESSABLE MULTI-CANDELA SPEAKER/VISIBLE NOTIFICATION APPLIANCE (CEILING MOUNT)

PRODUCT INFORMATION

FEATURES:
- UL LISTED TO STANDARD 1971 & 1480
- ADA COMPATIBLE

SYNCHRONIZATION FLASH RATE MODE FOR USE WITH:
- SYNCHRONIZATION MODULES FOR CLASS B (STYLE Y) OR CLASS A (STYLE Z) OPERATION

SPECIFICATIONS:
- SPEAKER HOUSING DIMENSIONS: 7 1/2" DIA X 1/2"D (191MM X 13MM)
- STROBE LENS PROTRUSION DIMENSION: 2 3/4" (70MM) ABOVE SPEAKER HOUSING
- DEPTH INTO BOX 2 3/4" (70MM)
- TEMPERATURE RANGE: 32°F TO 122°F (0 TO 50°C)
- HUMIDITY RANGE: 10% TO 93% NON-CONDENSING AT 100°F (38°C)
- TERMINAL BLOCKS FOR 18AWG TO 12AWG, FWD WIRES PER TERMINAL FOR IN/OUT WIRING.

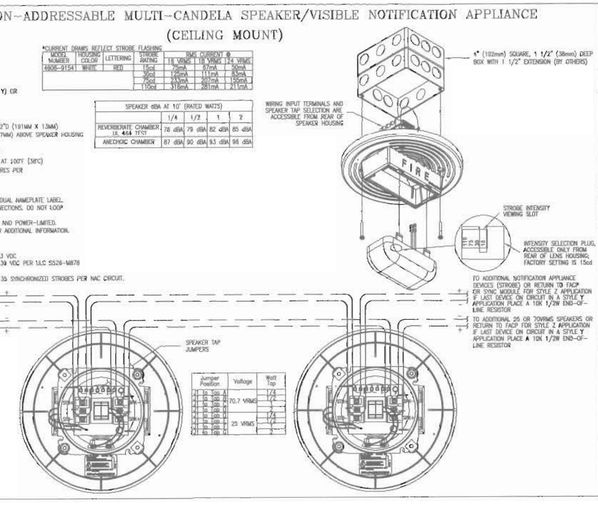
WIRING:
1. NOTIFICATION APPLIANCES ARE RATED PER INDIVIDUAL NAMEPLATE LABEL.
2. MAINTAIN CORRECT POLARITY ON TERMINAL CONNECTIONS. DO NOT LOOP WIRES UNDER TERMINALS.
3. ALL NAC WIRING CONNECTIONS ARE SUPERVISED AND POWER-LIMITED.
4. SEE INSTALLATION INSTRUCTIONS (579-546) FOR ADDITIONAL INFORMATION.

STROBE:
- RATED VOLTAGE RANGE: UL LISTED: 16 VDC TO 33 VDC
  ULC LISTED: 20 VDC TO 30 VDC PER ULC S526-M878
- FLASH RATE: 1Hz
- SYNCHRONIZER MODE NAC LOADING: MAXIMUM OF 35 SYNCHRONIZED STROBES PER NAC CIRCUIT.

*CURRENT DRAWS REFLECT STROBE FLASHING

| MODEL NUMBER | COLOR | LETTERING COLOR | CANDELA RATING | NAC CURRENT @ 16 VRMS | 24 VRMS |
|---|---|---|---|---|---|
| 4906-9134 | WHITE | RED | 15cd | 92mA | 67mA |
| | | | 30cd | 126mA | 91mA |
| | | | 75cd | 205mA | 150mA |
| | | | 110cd | 318mA | 241mA |

| SPEAKER dBA AT 10' (RATED WATTS) | 1/4 | 1/2 | 1 | 2 |
|---|---|---|---|---|
| REVERBERANT CHAMBER (IE. 4KB TFT) | 76 dBA | 79 dBA | 82 dBA | 85 dBA |
| ANECHOIC CHAMBER | 87 dBA | 90 dBA | 93 dBA | 96 dBA |




## TrueAlert™ NON-ADDRESSABLE MULTI-CANDELA VISIBLE NOTIFICATION APPLIANCE (CEILING MOUNT)

PRODUCT INFORMATION

FEATURES:
- UL LISTED TO STANDARD 1971
- ADA COMPATIBLE

SYNCHRONIZATION FLASH RATE MODE FOR USE WITH:
- SEPARATE STROBE SYNCHRONIZATION MODULES THAT ARE AVAILABLE FOR CLASS B OR CLASS A OPERATION
- SEPARATE SMARTSYNC CONTROL MODULES (SC06x) THAT PROVIDE CLASS B OR CLASS A OUTPUT FROM CONVENTIONAL NAC INPUTS

SPECIFICATIONS:
- HOUSING DIMENSIONS: 4-3/4" L X 2-5/16" W X 2-3/8" D (121mm X 75mm X 57mm)
- TEMPERATURE RANGE: 32°F TO 122°F (0 TO 50°C)
- HUMIDITY RANGE: 10% TO 93% NON-CONDENSING AT 100°F (38°C)
- TERMINAL BLOCKS FOR 18AWG TO 12AWG, FWD WIRES PER TERMINAL FOR IN/OUT WIRING.

WIRING NOTES:
1. NOTIFICATION APPLIANCES ARE RATED PER INDIVIDUAL NAMEPLATE LABEL.
2. MAINTAIN CORRECT POLARITY ON TERMINAL CONNECTIONS. DO NOT