

## 4905-9835 TEMPORAL CODE 4 MODULE (TC4M) FOR CO GAS ALARM NOTIFICATION (STYLE Y)

## PRODUCT INFORMATION

## SPECIFICATIONS:

- UL LISTED STANDARD 864
- THREE SELECTABLE OPERATING MODES:
  - SYNCHRONIZED:** ALLOWS A DEDICATED CONTROL NAC TO BOTH ACTIVATE AND SYNCHRONIZE THE TEMPORAL CODE 4 OUTPUT TIMING OF MULTIPLE 4905-9835 MODULES
  - THE PANEL CONTROL NAC OUTPUTS A SYNCHRONIZATION PATTERN
    - SIGNALS ARE SYNCHRONIZED BETWEEN TC4M'S
    - ONE DEDICATED CONTROL NAC IS RESERVED TO COMMAND ALL TC4M'S WITHIN A SYSTEM OF A FIRE (NAC OFF) OR CO ALARM (NAC ON) WHILE SYNCHRONIZING THEM
    - THE CONTROL NAC IS OFF DURING A FIRE ALARM, AND THEREFORE THE TC4M PASSES THROUGH ANYTHING THAT IS PLAYED ON THE SIGNAL NAC
    - DURING A CO ALARM, THE SIGNAL NAC IS REQUIRED TO BE ON STEADILY TO SOUND THE TEMPORAL CODE 4
  - UNSYNCHRONIZED:** ALLOWS A DEDICATED CONTROL NAC TO ACTIVATE THE TEMPORAL CODE 4 OUTPUT TIMING OF MULTIPLE 4905-9835 MODULES
  - THE PANEL CONTROL NAC IS ON DURING A CO GAS ALARM
  - SIGNALS ARE NOT SYNCHRONIZED BETWEEN TC4M'S
  - ONE DEDICATED CONTROL NAC IS RESERVED TO COMMAND ALL TC4M'S WITHIN A SYSTEM OF A FIRE (NAC OFF) OR CO ALARM (NAC ON) WHILE SYNCHRONIZING THEM
  - THE CONTROL NAC IS OFF DURING A FIRE ALARM, AND THEREFORE THE TC4M PASSES THROUGH ANYTHING THAT IS PLAYED ON THE SIGNAL NAC
  - DURING A CO ALARM, THE SIGNAL NAC IS REQUIRED TO BE ON STEADILY TO SOUND THE TEMPORAL CODE 4
- STAND ALONE:** ALLOWS THE INPUT NAC TO ACTIVATE TEMPORAL CODE 4 TIMING FOR NACS DEDICATED FOR CO GAS ALARM
  - ONLY THE TEMPORAL CODE 4 IS OUTPUT
  - NO CONTROL NAC WIRE IS USED AT THE NAC OR AT THE TC4M. ALL SIGNAL NAC WIRING REMAINS THE SAME
  - WAKE/TEST CANNOT BE PLAYED ON THE SIGNAL NAC TIED TO THE TC4M
  - THE NAC IS ONLY USED FOR CO GAS ALARM (CANNOT BE USED FOR FIRE ALARM)
  - DURING A CO ALARM, THE SIGNAL NAC IS REQUIRED TO BE ON STEADILY TO SOUND THE TEMPORAL CODE 4
- OPERATING TEMPERATURE RANGE: 32° F to 120° F (0° C to 49° C)
- HUMIDITY RANGE: UP TO 93% RELATIVE HUMIDITY @ 100° F (38° C)
- OUTPUT CAPACITY: FOR 24 VDC NACS, UP TO 3 A MAXIMUM, LIMIT IS PER THE INPUT NAC RATING; FOR CONTROL OF AUDIBLE NOTIFICATION APPLIANCES COMPATIBLE WITH CODE PULSE DUTY CYCLE
- SCREEN TERMINALS FOR IN/OUT WIRING, 18 TO 12 AWG WIRE

## DESCRIPTION:

CO GAS ALARM WARNINGS ARE REQUIRED TO BE DIFFERENT FROM FIRE ALARM WARNINGS. IN THE EVENT OF A CO GAS ALARM, THE PRESENCE OF A TEMPORAL CODE 4 AUDIBLE SIGNAL PATTERN IDENTIFIES THE TYPE OF CONDITION TO THE RESPONDERS TO ASSIST IN DETERMINING THE PROPER ACTIONS TO BE TAKEN

CO GAS ALARM OR FIRE ALARM USE OF THE 4905-9835 TEMPORAL CODE 4 MODULE ALLOWS THE NFPA 720 TEMPORAL CODE 4 SIGNAL TO BE GENERATED USING A STANDARD STRAY ON AUDIBLE APPLIANCE NAC INPUT UNDER THE FIRE ALARM PANEL'S CONTROL. THE AUDIBLE NOTIFICATION NAC CAN BE SELECTED PASS THROUGH THE CONVENTIONAL FIRE PULSE PATTERN FOR A FIRE ALARM CONDITION, OR THE TEMPORAL CODE 4 PATTERN CAN BE ACTIVATED FOR A CO GAS ALARM CONDITION.

## WIRING NOTES:

- FOR MAXIMUM VOLTAGE DROP, ETC., REFER TO SIMPLEX FIELD WIRING GUIDE.
- MAXIMUM NO. 12 AWG WIRE FOR 24 VDC WIRING, OR TO LOCAL CODE.
- MAXIMUM POWER OF NAC LOOP = 3 AMPS AT 24 VDC.
- NAC CIRCUIT WIRING DISTANCES WITH MAXIMUM VOLTAGE DROP OF 3 VOLTS.
- WHEN COMPUTING DISTANCES ON THE TC4 MODULE OUTPUT, REMEMBER TO ACCOUNT FOR THE WIRING DISTANCE (LOSS) FROM THE CONTROL PANEL TO THE TC4 MODULE
- MAXIMUM LINE DISTANCE= 2000 FEET (RESTRICTED FOR DC SUPERVISION LIMITATIONS)
- ALL CONNECTIONS MUST TEST FREE OF GROUNDS.
- SEE INSTALLATION INSTRUCTIONS 579-840.
- WHEN OPERATING WIRING LEAVES THE BUILDING, OVERVOLTAGE PROTECTORS ARE REQUIRED.

## PRODUCT INFORMATION

## FEATURES:

- UL LISTED
- CALIFORNIA STATE FIRE MARSHAL LISTING NUMBERS: 2908-9806 ALARM INDICATOR 7300-0026-150
- MOUNTING: FLUSH
- FINISH: CHROME OR STAINLESS STEEL

## SPECIFICATIONS:

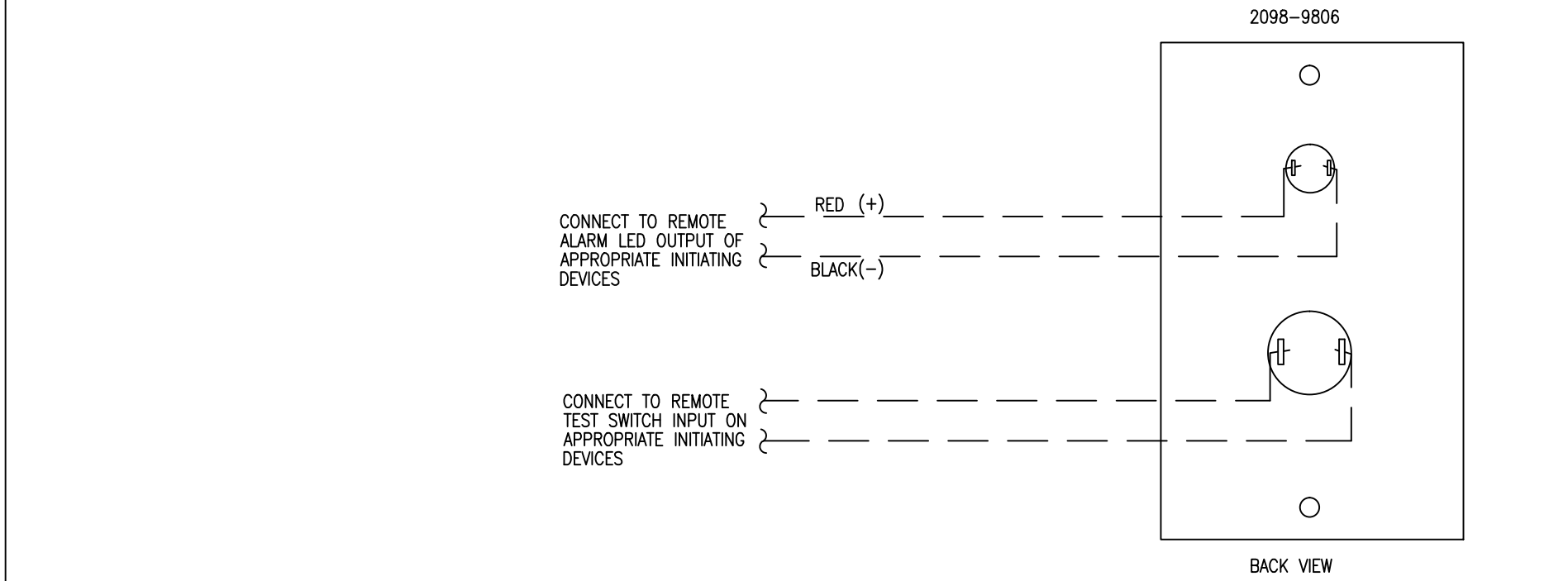
- ALARM CURRENT: 2.8 mA
- DIMENSIONS OF BOX: 2" W X 3" H X 2" D

## DESCRIPTION:

2098-9806 REMOTE TEST STATION, PROVIDES A REMOTE RED ALARM LED STATUS INDICATOR AND A REMOTE TEST KEY. ACTIVATED SWITCH MOUNTED ON A SINGLE GANG STAINLESS STEEL PLATE, THE LED WILL PULSE TO INDICATE NORMAL OPERATION OF THE DUCT DETECTOR AND WILL ENERGIZE CONTINUOUS WHEN IN ALARM OR IN TROUBLE. (THE EXACT STATUS OF THE SENSOR WILL BE DISPLAYED AT THE FIRE ALARM CONTROL PANEL) TURNING THE TEST SWITCH TO "TEST" WILL INITIATE AN ALARM AND ALLOW THE RESULTING SYSTEM RESPONSES TO BE VERIFIED.

## WIRING:

- MINIMUM 18 AWG OR TO LOCAL CODE
- CONDUCTORS MUST TEST FREE OF ALL GROUNDS.
- REMOTE ALARM LED IS POLARIZED, OBSERVE COLOR CODED WIRING
- ONE INDICATOR MAY BE INSTALLED PER DETECTOR.



## TrueAlert™ NON-ADDRESSABLE MULTI-CANDELA VISIBLE NOTIFICATION APPLIANCE

## PRODUCT INFORMATION

## FEATURES:

- UL LISTED TO STANDARD 1971
- AHA 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 (SCM) THAT PROVIDE CLASS B OR CLASS A OUTPUT FROM CONVENTIONAL NAC INPUTS

## SPECIFICATIONS:

- HOUSING DIMENSIONS: 5-1/8" H X 5" W X 2-3/4" D (130mm X 127mm X 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: TOP 18AWG TO 12AWG, TWO WIRES PER TERMINAL FOR IN/OUT WIRING.

## WIRING:

- NOTIFICATION APPLIANCES ARE RATED PER INDIVIDUAL NAMEPLATE LABEL
- MAINTAIN CORRECT POLARITY ON TERMINAL CONNECTIONS; DO NOT LOOP WIRES UNDER TERMINALS
- ALL NAC WIRING CONNECTIONS ARE SUPERVISED AND POWER-LIMITED
- SEE INSTALLATION INSTRUCTIONS (579-548) FOR ADDITIONAL INFORMATION.

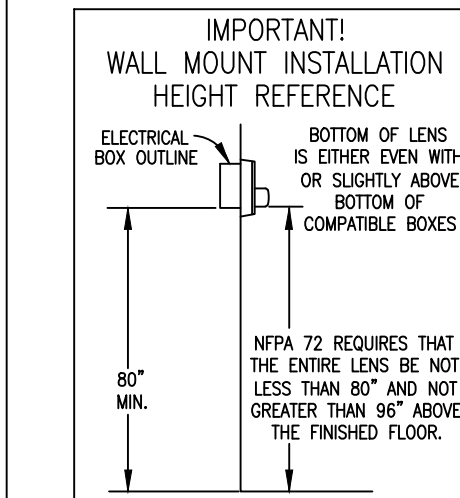
## STROBE:

- RATED VOLTAGE RANGE: UL LISTED: 16 VDC TO 33 VDC PER UL 1971
- ULC LISTED: 20 VDC TO 30 VDC PER ULC S526-M878
- FLASH RATE: 1Hz
- SYNCHRONIZED MODE NAC LOADING: MAXIMUM OF 35 SYNCHRONIZED STROBES PER NAC CIRCUIT.

\*CURRENT DRAWS REFLECT STROBE FLASHING

MODEL NUMBER	HOUSING COLOR	LETTERING COLOR	STROBE RATING	RMS CURRENT @ 16 VDC	RMS CURRENT @ 24 VDC
4908-9101	RED	WHITE	150cd	60 mA	83 mA
			150cd	84 mA	114 mA
			150cd	108 mA	145 mA
			150cd	132 mA	176 mA
4908-9103	WHITE	RED	150cd	60 mA	83 mA
			150cd	84 mA	114 mA
			150cd	108 mA	145 mA
			150cd	132 mA	176 mA

## IMPORTANT! WALL MOUNT INSTALLATION HEIGHT REFERENCE



FROM A COMPATIBLE SIMPLEX SMARTSYNC NAC OR FROM SMARTSYNC CONTROL MODULE (SCM) 4905-9838 OR SIMPLEX 4905-9914 OR 9922 SYNC CUBE

